



# Daftar Standard Standard Registry

versi Mei 2023

(Kemaskini selepas MPKK Bil.1/2023 pada 8 Mei 2023)



## Jabatan Pembinaan Kemahiran Kementerian Sumber Manusia, Malaysia

*AGRICULTURE, FORESTRY AND FISHING > MINING AND QUARRYING > MANUFACTURING > ELECTRICITY, GAS, STEAM AND AIR CONDITIONING SUPPLY > WATER SUPPLY; SEWERAGE, WASTE MANAGEMENT AND REMEDIATION ACTIVITIES > CONSTRUCTION > WHOLESALE AND RETAIL TRADE; REPAIR OF MOTOR VEHICLES AND MOTORCYCLES > TRANSPORTATION AND STORAGE > ACCOMMODATION AND FOOD SERVICE ACTIVITIES > INFORMATION AND COMMUNICATION > FINANCIAL AND INSURANCE/TAKAFUL ACTIVITIES > REAL ESTATE ACTIVITIES > PROFESSIONAL, SCIENTIFIC AND TECHNICAL ACTIVITIES > ADMINISTRATIVE AND SUPPORT SERVICE ACTIVITIES > PUBLIC ADMINISTRATION AND DEFENCE; COMPULSORY SOCIAL SECURITY > EDUCATION > HUMAN HEALTH AND SOCIAL WORK ACTIVITIES > ARTS ENTERTAINMENT AND RECREATION > OTHER SERVICE ACTIVITIES > ACTIVITIES OF HOUSEHOLDS AS EMPLOYERS; UNDIFFERENTIATED GOODS- AND SERVICES- PRODUCING ACTIVITIES OF HOUSEHOLDS FOR OWN USE > ACTIVITIES OF EXTRATERRITORIAL ORGANIZATIONS AND BODIES >*

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Standard Kemahiran  
Pekerjaan Kebangsaan

National Occupational  
Skill Standard



Certificate No. KLR 0500058

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## **1. DAFTAR STANDARD / STANDARD REGISTRY**

Daftar Standard sebelum ini dikenali sebagai Daftar Standard Kemahiran Pekerjaan Kebangsaan (SKPK) / Daftar *National Occupational Skills Standard* (NOSS). Daftar Standard adalah suatu dokumen yang memaparkan senarai NOSS yang telah diluluskan oleh Majlis Pembangunan Kemahiran Kebangsaan (MPKK) mengikut bidang dan tahap pekerjaan bagi kegunaan industri dan latihan.

Paparan senarai NOSS di dalam Daftar NOSS adalah mengikut Bahagian (*Section*) dan Kumpulan (*Division*) bagi setiap NOSS tersebut. Bagi sesetengah bidang pekerjaan, laluan kerjaya adalah melangkaui bahagian dan kumpulan yang berbeza. Sehubungan itu, *Occupation Structure* (OS) dan *Occupation Area Structure* (OAS) pada dokumen NOSS perlu dirujuk bagi mendapatkan maklumat lanjut.

## **2. STANDARD KEMAHIRAN PEKERJAAN KEBANGSAAN (SKPK) / NATIONAL OCCUPATIONAL SKILLS STANDARD (NOSS)**

NOSS adalah dokumen yang menggariskan kompetensi yang diperlukan oleh seseorang pekerja mahir yang bekerja di Malaysia bagi sesuatu bidang dan tahap pekerjaan serta laluan untuk mencapai kompetensi tersebut.

### **3. TAHAP KOMPETENSI / LEVEL OF COMPETENCY:**

| <b>Tahap / Level</b>         | <b>Definisi / Definition</b>   |
|------------------------------|--|
| <b>Tahap 5<br/>(Level 5)</b> | Terampil menggunakan pelbagai prinsip asas dan teknik yang kompleks di dalam skop yang luas serta selalu tidak dijangka. Mempunyai tanggungjawab dan autonomi diri yang sangat tinggi, serta bertanggungjawab terhadap kerja orang lain dan agihan sumber-sumber. Bertanggungjawab juga terhadap analisis, diagnosis, rekabentuk, perancangan, pengendalian dan penilaian. |
| <b>Tahap 4<br/>(Level 4)</b> | Terampil melakukan pelbagai aktiviti kerja teknikal dan profesional yang luas skop dan konteksnya. Mempunyai tanggungjawab dan autonomi diri yang tinggi, di samping lazim bertanggungjawab terhadap kerja orang lain dan agihan sumber-sumber.  |
| <b>Tahap 3<br/>(Level 3)</b> | Terampil melakukan pelbagai aktiviti kerja di dalam pelbagai konteks, kebanyakannya adalah kompleks dan tidak lazim dilakukan. Mempunyai tanggungjawab dan autonomi diri yang tinggi, disamping mengawal dan memberi panduan kepada yang lain.   |
| <b>Tahap 2<br/>(Level 2)</b> | Terampil melakukan pelbagai aktiviti kerja di dalam pelbagai konteks, sebahagiannya adalah tidak lazim dilakukan serta memerlukan tanggungjawab dan autonomi diri.   |
| <b>Tahap 1<br/>(Level 1)</b> | Terampil melakukan pelbagai aktiviti kerja, sebahagian besarnya adalah lazim dilakukan dan boleh dijangka.   |

**4. PETUNJUK/ LEGEND:**

|  |  |
|--|--|
| Kod NOSS Sedia Ada   | Kod NOSS MSIC (bermula Disember 2016)  |
| <b>A - 010 - 1 : 2011</b><br>(12-09-2022)  | <b>A011 - 010 - 1: 2016</b><br>(12-09-2022)  |
| <b>(A-010)</b> = Kod Pekerjaan<br><b>(-1)</b> = Tahap 1<br><b>(:2011)</b> = Tahun NOSS diluluskan                  | <b>(A011-010)</b> = Kod Pekerjaan<br><b>(-1)</b> = Tahap 1<br><b>(:2016)</b> = Tahun NOSS diluluskan |
| (12-09-2022) = Tarikh NOSS diluluskan oleh MPKK ( <i>Date the NOSS was approved by MPKK</i> )                      |  |
| <b>Kod NOSS + @</b> = Perlu dilengkapkan dengan NCS Penyeliaan ( <i>Should be completed with NCS Supervisory</i> ) |  |
| n.e.c / t.t.t.l = <i>not elsewhere classified</i> / tidak terkelas di tempat lain                                  |  |

**5. PENGENALAN PIAWAIAN KLASIFIKASI INDUSTRI MALAYSIA**

Piawaian Klasifikasi Industri Malaysia (MSIC) 2008 Ver. 1.0 adalah klasifikasi untuk kesemua aktiviti ekonomi di Malaysia dibangunkan berdasarkan *International Standard Industrial Classification of All Economics (ISIC) Revision 4* yang telah diterbitkan pada Disember 2006 (dengan keperluan perubahan dan modifikasi untuk memenuhi keperluan negara). Ia menggantikan MSIC 2000 yang dibangunkan berasaskan kepada *ISIC Revision 3*.

Tujuan utama MSIC adalah menyediakan satu set kategori aktiviti yang boleh digunakan semasa pengumpulan dan penyampaian data statistik mengikut aktiviti berkenaan. Industri dibentuk melalui penggabungan unit yang mempunyai persamaan aktiviti utama mengikut kriteria persamaan yang khusus. MSIC boleh digunakan untuk mengeluarkan statistik mengikut aktiviti atau industri bagi enterpris dan juga pertubuhan atau mengikut jenis unit aktiviti.

Terdapat 5 kategori utama didalam MSIC beserta bilangan bagi setiap kategori seperti dibawah:-

|          |        |
|----------|--------|
| Seksyen  | - 21   |
| Bahagian | - 88   |
| Kumpulan | - 238  |
| Kelas    | - 423  |
| Item     | - 1174 |

Bermula pembangunan NOSS tahun 2016, penggunaan kod NOSS berpandukan MSIC telah digunapakai dan didaftarkan di dalam Daftar Standard merujuk kepada keperluan dan tujuan seperti berikut:-

- Penyusunan semula sektor NOSS selari dengan mana-mana piawaian kebangsaan dan antarabangsa secara keseluruhannya
- MSIC disediakan oleh Jabatan Perangkaan Malaysia untuk digunakan bagi tujuan pengumpulan, penyusunan dan penerbitan perangkaan
- Data MSIC digunakan oleh badan kawal selia utama seperti EPU dan PEMANDU seperti data tenaga mahir, jumlah tenaga kerja negara dan sebagainya
- Penyediaan sesuatu laporan statistik Jabatan selari dengan keperluan pemegang taruh menggunakan sumber rujukan yang sama

**Untuk pertanyaan sila hubungi / for inquiries please contact:**

Ketua Pengarah,  
Jabatan Pembangunan Kemahiran  
Kementerian Sumber Manusia  
Aras 7 – 8, Blok D4, Parcel D  
Pusat Pentadbiran Kerajaan Persekutuan,  
Tel. : 03-88865000 Faks. : 03-88892423  
[www.dsd.gov.my](http://www.dsd.gov.my)

Pengarah Bahagian Standard Pekerjaan dan  
Kurikulum TVET (BSPKTVET)  
Jabatan Pembangunan Kemahiran (Cyberjaya)  
Kementerian Sumber Manusia  
Blok 4803, Suite 0-10, Bangunan CBD Perdana  
Off Persiaran Multimedia  
63000 Cyberjaya, Selangor.  
Tel. : 03-83214700 Faks. : 03-83214858

**6. NOSS BERPANDUKAN KOD MSIC / NOSS ACCORDING TO MSIC CODE:**

| <b>BIL/<br/>NO</b> | <b>KOD/<br/>CODE</b> | <b>SEKSYEN/ SECTION</b>  |  |
|--------------------|----------------------|--|--|
| 1                  | A                    | PERTANIAN, PERHUTANAN DAN PERIKANAN  | <i>AGRICULTURE, FORESTRY AND FISHING</i>   |
| 2                  | B                    | PERLOMBONGAN DAN PENGKUARIAN   | <i>MINING AND QUARRYING</i>  |
| 3                  | C                    | PEMBUATAN  | <i>MANUFACTURING</i>   |
| 4                  | D                    | BEKALAN ELEKTRIK, GAS, WAP DAN<br>PENDINGIN UDARA  | <i>ELECTRICITY, GAS, STEAM AND AIR<br/>CONDITIONING SUPPLY</i>   |
| 5                  | E                    | BEKALAN AIR; PEMBENTUNGAN,<br>PENGURUSAN SISA DAN AKTIVITI PEMULIHAN   | <i>WATER SUPPLY; SEWERAGE, WASTE<br/>MANAGEMENT AND REMEDIATION<br/>ACTIVITIES</i>   |
| 6                  | F                    | PEMBINAAN  | <i>CONSTRUCTION</i>  |
| 7                  | G                    | PERDAGANGAN BORONG DAN RUNCIT,<br>PEMBAIKAN KENDERAAN BERMOTOR DAN<br>MOTOSIKAL  | <i>WHOLESALE AND RETAIL TRADE; REPAIR OF<br/>MOTOR VEHICLES AND MOTORCYCLES</i>  |
| 8                  | H                    | PENGANGKUTAN DAN PENYIMPANAN   | <i>TRANSPORTATION AND STORAGE</i>  |
| 9                  | I                    | PENGINAPAN DAN AKTIVITI PERKHIDMATAN<br>MAKANAN DAN MINUMAN  | <i>ACCOMMODATION AND FOOD SERVICE<br/>ACTIVITIES</i>   |
| 10                 | J                    | MAKLUMAT DAN KOMUNIKASI  | <i>INFORMATION AND COMMUNICATION</i>   |
| 11                 | K                    | AKTIVITI KEWANGAN DAN<br>INSURANS/TAKAFUL  | <i>FINANCIAL AND INSURANCE/TAKAFUL<br/>ACTIVITIES</i>  |
| 12                 | L                    | AKTIVITI HARTANAH  | <i>REAL ESTATE ACTIVITIES</i>  |
| 13                 | M                    | AKTIVITI PROFESIONAL, SAINTIFIK DAN<br>TEKNIKAL  | <i>PROFESSIONAL, SCIENTIFIC AND TECHNICAL<br/>ACTIVITIES</i>   |
| 14                 | N                    | AKTIVITI PENTADBIRAN DAN KHIDMAT<br>SOKONGAN   | <i>ADMINISTRATIVE AND SUPPORT SERVICE<br/>ACTIVITIES</i>   |
| 15                 | O                    | PENTADBIRAN AWAM DAN PERTAHANAN;<br>AKTIVITI KESELAMATAN SOSIAL WAJIB  | <i>PUBLIC ADMINISTRATION AND DEFENCE;<br/>COMPULSORY SOCIAL SECURITY</i>   |
| 16                 | P                    | PENDIDIKAN   | <i>EDUCATION</i>   |
| 17                 | Q                    | AKTIVITI KESIHATAN KEMANUSIAAN DAN<br>KERJA SOSIAL   | <i>HUMAN HEALTH AND SOCIAL WORK<br/>ACTIVITIES</i>   |
| 18                 | R                    | KESENIAN, HIBURAN DAN REKREASI   | <i>ARTS ENTERTAINMENT AND RECREATION</i>   |
| 19                 | S                    | AKTIVITI PERKHIDMATAN LAIN   | <i>OTHER SERVICE ACTIVITIES</i>  |
| 20                 | T                    | AKTIVITI ISI RUMAH SEBAGAI MAJIKAN;<br>AKTIVITI MENGELUARKAN BARANGAN DAN<br>PERKHIDMATAN YANG TIDAK DAPAT<br>DIBEZAKAN OLEH ISI RUMAH UNTUK<br>KEGUNAAN SENDIRI | <i>ACTIVITIES OF HOUSEHOLDS AS<br/>EMPLOYERS; UNDIFFERENTIATED GOODS-<br/>AND SERVICES- PRODUCING ACTIVITIES OF<br/>HOUSEHOLDS FOR OWN USE</i> |
| 21                 | U                    | AKTIVITI BADAN DAN PERTUBUHAN LUAR<br>WILAYAH  | <i>ACTIVITIES OF EXTRATERRITORIAL<br/>ORGANIZATIONS AND BODIES</i>   |

**7. NOSS BERPANDUKAN KOD SEDIA ADA / NOSS ACCORDING TO EXISTING CODE:**

| <b>BIL/<br/>NO</b> | <b>KOD/ CODE</b>  | <b>SEKTOR/ SECTOR</b>  |   |
|--------------------|---|--|---|
| 1                  | EE, E, D, CM, S   | ELEKTRIK & ELEKTRONIK,<br>TELEKOMUNIKASI & INDUSTRI<br>PENYIARAN | <i>ELECTRICAL &amp; ELECTRONIC,<br/>TELECOMMUNICATION &amp;<br/>BROADCASTING INDUSTRY</i> |
| 2                  | IT  | TEKNOLOGI MAKLUMAT &<br>KOMUNIKASI                               | <i>INFORMATION &amp; COMMUNICATION<br/>TECHNOLOGY (ICT)</i>                               |
| 3                  | MC, H, G  | PEMESINAN & PERALATAN  | <i>MACHINERY &amp; EQUIPMENT</i>  |
| 4                  | ME, FPE, FPP, FPA, FPM,<br>FPS  | PERKHIDMATAN &<br>PENYELENGGARAAN MEKANIKAL<br>& ELEKTRIK        | <i>MECHANICAL &amp; ELECTRICAL SERVICE<br/>AND MAINTENANCE</i>                            |
| 5                  | TP, Q, R, P, AT, AF, W  | PENGANGKUTAN   | <i>TRANSPORTATION</i>   |
| 6                  | MT, AC, S   | BAHAN  | <i>MATERIALS</i>  |
| 7                  | PG  | PEMBUNGKUSAN   | <i>PACKAGING</i>  |
| 8                  | PR, F   | PERCETAKAN   | <i>PRINTING</i>   |
| 9                  | CM  | KIMIA  | <i>CHEMICAL</i>   |
| 10                 | MP, N, Y  | PERUBATAN & FARMASEUTIKAL  | <i>MEDICAL &amp; PHARMACEUTICALS</i>  |
| 11                 | HT, L, U, AF, N, PS   | HOSPITALITI & PELANCONGAN  | <i>HOSPITALITY &amp; TOURISM</i>  |
| 12                 | SS, S   | CENDERAHATI & INDUSTRI KECIL                                     | <i>SOUVENIR &amp; SMALL ENTERPRISE</i>  |
| 13                 | BC, B, WC, PWR, PTD,<br>DCG, DCF, SWD, V, LIT,<br>ACMV, TCJ, SCF, GLZ,<br>FWA, PLS, PLD, SCT, STE,<br>BHL, LWH, DZT, GRM,<br>CRS, LWP, CVS, ARB,<br>MCE, SID, CSH | BANGUNAN & PEMBINAAN   | <i>BUILDING &amp; CONSTRUCTION</i>  |
| 14                 | LE  | LANDSKAP & ALAM SEKITAR  | <i>LANDSCAPING &amp; ENVIRONMENTAL</i>  |
| 15                 | ID  | HIASAN DALAMAN   | <i>INTERIOR DÉCOR</i>   |
| 16                 | FB, AA, M, PP   | PENGURUSAN BISNES  | <i>BUSINESS MANAGEMENT</i>  |
| 17                 | TA, K   | TEKSTIL & PAKAIAN  | <i>TEXTILE &amp; APPAREL</i>  |
| 18                 | AF, Y   | PERTANIAN & ASAS TANI  | <i>AGRICULTURE &amp; AGROBASED</i>  |
| 19                 | RB, A, Y  | SUMBER ASAS  | <i>RESOURCE BASED</i>   |
| 20                 | BT  | BIOTEKNOLOGI   | <i>BIOTECHNOLOGY</i>  |
| 21                 | ET, I, T  | PENDIDIKAN & PERKHIDMATAN<br>LATIHAN                             | <i>EDUCATION &amp; TRAINING SERVICES</i>  |
| 22                 | OF, FTG   | MINYAK & GAS   | <i>OIL &amp; GAS</i>  |
| 23                 | HI  | INDUSTRI HALAL   | <i>HALAL INDUSTRY</i>   |
| 24                 | IL  | INDUSTRI PERKHIDMATAN<br>LOGISTIK BERSEPADU                      | <i>INTEGRATED LOGISTIC SERVICES<br/>INDUSTRY</i>  |
| 25                 | DT  | PERNIAGAAN SECARA<br>DISTRIBUTIF                                 | <i>DISTRIBUTIVE TRADE</i>   |
| 26                 | DS, SS, OT, EE  | PERTAHANAN & PERKHIDMATAN<br>KESELAMATAN                         | <i>DEFENSE &amp; SECURITY SERVICES</i>  |
| 27                 | CC, MP, OT, N   | PENJAGAAN & PERKHIDMATAN<br>KOMUNITI                             | <i>CARE &amp; COMMUNITY SERVICES</i>  |
| 28                 | AC  | SENI & KEBUDAYAAN  | <i>ART &amp; CULTURE</i>  |
| 29                 | MI  | INDUSTRI PERLOMBONGAN  | <i>MINING INDUSTRY</i>  |

## 8. STANDARD DI BAWAH SEKSYEN EKONOMI MSIC A: PERTANIAN, PERHUTANAN DAN PERIKANAN

| <b>SECTION A: AGRICULTURE, FORESTRY AND FISHING</b> |  |  |
|---|--|--|
| <b>BAHAGIAN/<br/>DIVISION</b>                       | <b>KUMPULAN/<br/>GROUP</b>   | <b>KETERANGAN/<br/>DESCRIPTION</b>   |
| <b>A01</b>  | <b>CROPS AND ANIMAL PRODUCTION, HUNTING AND RELATED SERVICE ACTIVITIES</b> |  |
|   | <b>A011</b>  | <i>GROWING OF NON-PERENNIAL CROPS</i>                                      |
|   | <b>A012</b>  | <i>GROWING OF PERENNIAL CROPS</i>  |
|   | <b>A013</b>  | <i>PLANT PROPAGATION</i>   |
|   | <b>A014</b>  | <i>ANIMAL PRODUCTION</i>   |
|   | <b>A015</b>  | <i>MIXED FARMING</i>   |
|   | <b>A016</b>  | <i>SUPPORT ACTIVITIES TO AGRICULTURE AND POST-HARVEST CROPS ACTIVITIES</i> |
|   | <b>A017</b>  | <i>HUNTING, TRAPPING AND RELATED SERVICE ACTIVITIES</i>                    |
| <b>A02</b>  | <b>FORESTRY AND LOGGING</b>  |  |
|   | <b>A021</b>  | <i>SILVICULTURE AND OTHER FORESTRY ACTIVITIES</i>                          |
|   | <b>A022</b>  | <i>LOGGING</i>   |
|   | <b>A023</b>  | <i>GATHERING OF NON-WOOD FOREST PRODUCTS</i>                               |
|   | <b>A024</b>  | <i>SUPPORT SERVICE TO FORESTRY</i>   |
| <b>A03</b>  | <b>FISHING AND AQUACULTURE</b>   |  |
|   | <b>A031</b>  | <i>FISHING</i>   |
|   | <b>A032</b>  | <i>AQUACULTURE</i>   |

| <b>BAHAGIAN/DIVISION: A01<br/>CROPS AND ANIMAL PRODUCTION, HUNTING AND<br/>RELATED SERVICE ACTIVITIES</b> |   | <b>KUMPULAN/GROUP: A011<br/>GROWING OF NON-PERENNIAL CROPS</b> |
|---|---|--|
| <i>(Refer general training prerequisite in NOSS document)</i>   |   |  |
| <b>Area</b>   | <b>Produk Berasaskan Pertanian - Penanaman Cendawan / Agriculture Based Product - Mushroom Plantation</b>   |  |
|   | <i>Level 4,5: Not Available</i>   |  |
| <b>L3</b>   | <b>AF-013-3:2012</b><br>Pengendalian Tanaman Cendawan (Tanah Rendah) / <i>Mushroom Farm Operation</i><br>(05-04-2012)                                 |  |
|   | <i>Level 1,2: No Job Title</i>  |  |
| <b>Area</b>   | <b>Pengeluaran Padi / Paddy Production</b>  |  |
| <b>L5</b>   | <b>AF-051-5:2015</b><br>Pengurusan Ladang Padi / <i>Paddy Plantation Management</i><br>(31-03-2015)   |  |
| <b>L4</b>   | <b>AF-051-4:2015</b><br>Pengurusan Operasi Ladang Padi / <i>Paddy Plantation Operation Management</i><br>(31-03-2015)                                 |  |
| <b>L3</b>   | <b>A011-002-3:2022</b><br>Penyeliaan Operasi Pengeluaran Padi / <i>Paddy Production Operation Supervision</i><br>(25-10-10) (31-03-2015) (21-04-2022) |  |
| <b>L2</b>   | <b>A011-002-2:2022</b><br>Operasi Pengeluaran Padi / <i>Paddy Production Operation</i><br>(25-10-10) (31-03-2015) (21-04-2022)                        |  |
|   | <i>Level 1: No Job Title</i>  |  |
| <b>Area</b>   | <b>Ladang Kenaf Pusat / Centralised Kenaf Plantation</b>  |  |
|   | <i>Level 4,5: Not Available</i>   |  |
| <b>L3</b>   | <b>RB-097-3:2016</b><br>Penyeliaan Operasi Pengeluaran Kenaf / <i>Kenaf Production Operation Supervision</i><br>(04-02-2016)                          |  |
| <b>L2</b>   | <b>RB-097-2:2016</b><br>Operasi Mekanisasi Ladang Kenaf / <i>Kenaf Plantation Mechanisation Operation</i><br>(04-02-2016)                             |  |
|   | <i>Level 1: No Job Title</i>  |  |



|   |  |
|---|--|
| <b>Area</b>   | <b>Florikultur (Bunga)</b>   |
|   | <i>Level 4,5: Not Available</i>  |
| <b>L3</b>   | <b>A011-001-3:2018</b><br>Penyeliaan Operasi Florikultur / <i>Floriculture Operation Supervision</i><br>(08-10-2018)   |
| <b>L2</b>   | <b>A011-001-2:2018</b><br>Operasi Florikultur / <i>Floriculture Operation</i><br>(08-10-2018)  |
|   | <i>Level 1: No Job Title</i>   |
| <i>(Refer general training prerequisite in NOSS document)</i>   |  |
| <b>BAHAGIAN/DIVISION: A01</b><br><i>CROPS AND ANIMAL PRODUCTION, HUNTING AND RELATED SERVICE ACTIVITIES</i> |  |
| <b>KUMPULAN/GROUP: A012</b><br><i>GROWING OF PERENNIAL CROPS</i>  |  |
| <b>Area</b>   | <b>Pengendalian Tanaman Nanas / Pineapple Plantation Handling</b>  |
|   | <i>Level 5: Not Available</i>  |
| <b>L4</b>   | <b>A012-001-4:2017</b><br>Pengurusan Tanaman Nanas / <i>Pineapple Crop Management</i><br>(28-03-2017)  |
| <b>L3</b>   | <b>AF-016-3:2014</b><br>Pengendalian Tanaman Nanas / <i>Pineapple Plantation Operation</i><br>(02-04-2014)   |
|   | <i>Level 1,2: No Job Title</i>   |
| <b>Area</b>   | <b>Penanaman Lada (<i>Piper Nigrum</i>) / Pepper (<i>Piper Nigrum</i>) Farming</b>   |
|   | <i>Level 4,5: Not Available</i>  |
| <b>L3</b>   | <b>A012-002-3:2020</b><br>Penyeliaan Operasi Penanaman Lada ( <i>Piper Nigrum</i> ) / <i>Pepper (Piper Nigrum) Farming Operation Supervision</i><br>(03-09-2020) |
| <b>L2</b>   | <b>A012-002-2:2020</b><br>Operasi Penanaman Lada ( <i>Piper Nigrum</i> ) / <i>Pepper (Piper Nigrum) Farming Operation</i><br>(03-09-2020)                        |
|   | <i>Level 1: No Job Title</i>   |
| <b>Area</b>   | <b>Perladangan Getah / Rubber Plantation</b>   |
|   | <i>Level 4,5: Not Available</i>  |
| <b>L3</b>   | <b>A012-003-3:2020</b><br>Penyeliaan Ladang Getah / <i>Rubber Plantation Supervision</i><br>(23-06-09) (13-11-20)  |
| <b>L2</b>   | <b>A012-003-2:2020</b><br>Operasi Ladang Getah / <i>Rubber Plantation Operation</i><br>(23-06-09) (13-11-20)   |
|   | <i>Level 1: No Job Title</i>   |
| <b>Area</b>   | <b>Perladangan / Plantation</b>  |
| <b>L5</b>   | <b>RB-081-5:2012</b><br>Pengurusan Penanaman Kelapa Sawit / <i>Oil Palm Plantation Management</i><br>(19-06-2003) (18-12-2012)                                   |
| <b>L4</b>   | <b>RB-081-4:2012</b><br>Pentadbiran Penanaman Kelapa Sawit / <i>Oil Palm Plantation Administration</i><br>(19-06-2003) (18-12-2012)                              |
| <b>L3</b>   | <b>RB-081-3:2012</b><br>Penyeliaan & Operasi Penanaman Kelapa Sawit / <i>Oil Palm Plantation Operation &amp; Supervision</i><br>(29-08-2002) (18-12-2012)        |
|   | <i>Level 1,2: No Job Title</i>   |

| <b>Area</b>   | <b>Mekanisasi Ladang Sawit / Oil Palm Mechanisation</b>   |
|---|---|
| <b>L5</b>   | <b>A012-004-5:2020</b><br>Pengurusan Mekanisasi Kelapa Sawit / <i>Oil Palm Mechanisation Management</i><br>(18-12-2012) (13-11-2020)                                      |
| <b>L4</b>   | <b>A012-004-4:2020</b><br>Pentadbiran Operasi Mekanisasi Kelapa Sawit / <i>Oil Palm Mechanisation Administration</i><br>(18-12-2012) (13-11-2020)                         |
| <b>L3</b>   | <b>A012-004-3:2020</b><br>Penyeliaan Operasi Mekanisasi Ladang Sawit / <i>Oil Palm Estate Mechanisation Operation Supervision</i><br>(6-3-2007) (18-12-2012) (13-11-2020) |
| <b>L2</b>   | <b>A012-004-2:2020</b><br>Operasi Mekanisasi Ladang Sawit / <i>Oil Palm Estate Mechanisation Operation</i><br>(6-3-2007) (18-12-2012) (13-11-2020)                        |
|   | <i>Level 1: No Job Title</i>  |
| <i>(Refer general training prerequisite in NOSS document)</i>   |   |
| <b>BAHAGIAN/DIVISION: A01</b><br><i>CROPS AND ANIMAL PRODUCTION, HUNTING AND RELATED SERVICE ACTIVITIES</i> |   |
| <b>KUMPULAN/GROUP: A013</b><br><i>PLANT PROPAGATION</i>   |   |
| <b>Area</b>   | <b>Pengkulturan / Culture</b>   |
| <b>L5</b>   | <b>BT-010-5:2011</b><br>Pengurusan Teknologi Makmal Kultur Tisu / <i>Tissue Culture Technology Laboratory Management</i><br>(20-12-2011)                                  |
| <b>L4</b>   | <b>BT-010-4:2011</b><br>Pengurusan Teknologi Makmal Kultur Tisu / <i>Tissue Culture Technology Laboratory Management</i><br>(20-12-2011)                                  |
| <b>L3</b>   | <b>BT-021-3</b><br>Juruteknik Kanan Makmal Kultur / <i>Culture Laboratory Senior Technician</i><br>(25-10-10)   |
| <b>L2</b>   | <b>BT-021-2</b><br>Juruteknik Makmal Kultur / <i>Culture Laboratory Technician</i><br>(25-10-10)  |
|   | <i>Level 1: No Job Title</i>  |
| <b>Area</b>   | <b>Pembiakbakaan Tumbuhan &amp; Penjagaan / Crops Breeding &amp; Nursing</b>  |
| <b>L5</b>   | <b>BT-024-5:2013</b><br>Pengurusan Pembiakbakaan Tumbuhan & Pengeluaran Benih / <i>Plant Breeding &amp; Seeds Production Management</i><br>(24-04-2013)                   |
| <b>L4</b>   | <b>BT-024-4:2013</b><br>Pengurusan Pembiakbakaan Tumbuhan & Pengeluaran Benih / <i>Plant Breeding &amp; Seeds Production Management</i><br>(24-04-2013)                   |
| <b>L3</b>   | <b>BT-024-3:2013</b><br>Operasi Pembiakbakaan Tumbuhan & Pengeluaran Benih / <i>Plant Breeding &amp; Seeds Production Operation</i><br>(24-04-2013)                       |
|   | <i>Level 1,2: No Job Title</i>  |
| <b>Area</b>   | <b>Operasi Tapak Semaian / Oil Palm Nursery Operation</b>   |
|   | <i>Level 4,5: Not Available</i>   |
| <b>L3</b>   | <b>RB-083-3:2012</b><br>Penyeliaan Operasi Tapak Semaian Kelapa Sawit / <i>Oil Palm Nursery Operation Supervision</i><br>(18-12-2012)                                     |
|   | <i>Level 1,2: No Job Title</i>  |

| BAHAGIAN/DIVISION: A01<br>CROPS AND ANIMAL PRODUCTION, HUNTING AND RELATED SERVICE ACTIVITIES |  | KUMPULAN/GROUP: A014<br>ANIMAL PRODUCTION |
|---|--|---|
| <i>(Refer general training prerequisite in NOSS document)</i>                                 |  |   |
| <b>Area</b>   | <b>Ternakan - Ruminan (Fidlot, Integrasi &amp; Tenusu) / Livestock - Ruminant (Feedlot, Integrated &amp; Dairy)</b>  |   |
| L5  | <b>A014-001-5:2017</b><br>Pengurusan Ladang Ruminan / <i>Ruminant Farm Management</i><br>(10-10-02) (22-08-11) (28-03-2017)                                  |   |
| L4  | <b>A014-001-4:2017</b><br>Pentadbiran Ladang Ruminan / <i>Ruminant Farm Administration</i><br>(10-10-02) (22-08-11) (28-03-2017)                             |   |
| L3  | <b>A014-001-3:2019</b><br>Penyeliaan Ladang Ruminan / <i>Ruminant Farm Supervision</i><br>(10-10-02) (19-4-2011) (07-08-2019)                                |   |
| L2  | <b>A014-001-2:2019</b><br>Pengendalian Ladang Ruminan / <i>Ruminant Farm Handling</i><br>(10-10-02) (19-4-2011) (07-08-2019)                                 |   |
| <i>Level 1,2: No Job Title</i>  |  |   |
| <b>Area</b>   | <b>Pengeluaran Baka Poltri, Penetasan Telur Poltri, Pengeluaran Telur Poltri, Pengeluaran Pedaging Poltri</b>  |   |
| L5  | <b>A014-002-5:2017</b><br>Pengurusan Ladang Poltri/Unggas / <i>Poultry Farm Management</i><br>(10-10-02) (28-03-2017)  |   |
| L4  | <b>A014-002-4:2017</b><br>Kawalan Operasi dan Teknikal Ladang Poltri/Unggas / <i>Poultry Farm Operation and Technical Control</i><br>(10-10-02) (28-03-2017) |   |
| L3  | <b>A014-006-3:2022</b><br>Operasi Ladang Poltri / <i>Poultry Farm Operation</i><br>(10-10-02) (31-03-2015) (21-4-2022)                                       |   |
| <i>Level 1,2: No Job Title</i>  |  |   |
| <b>Area</b>   | <b>Perladangan Lebah Madu / Honey Comb Plantation</b>  |   |
| <i>Level 4,5: Not Available</i>   |  |   |
| L3  | <b>AF-017-3:2014</b><br>Operasi Perladangan Lebah Madu / <i>Honey Comb Plantation Operation</i><br>(02-04-2014)  |   |
| <i>Level 1,2: No Job Title</i>  |  |   |
| <b>Area</b>   | <b>Ayam Kampung (Baka, Pedaging &amp; Penetasan) /</b>   |   |
| <i>Level 4,5: Not Available</i>   |  |   |
| L3  | <b>A014-003-3:2018</b><br>Operasi Ladang Ternakan Ayam Kampung / <i>Village Chicken Farming Operations</i><br>(07-05-2018)                                   |   |
| <i>Level 1,2: No Job Title</i>  |  |   |
| <b>Area</b>   | <b>Meliponikultur - Penternakan Kelulut</b>  |   |
| <i>Level 4,5: Not Available</i>   |  |   |
| L3  | <b>A014-004-3:2018</b><br>Penyeliaan Operasi Ladang Kelulut / <i>Stingless Bees Farming Operation Supervision</i><br>(07-05-2018)                            |   |
| L2  | <b>A014-004-2:2018</b><br>Operasi Ladang Kelulut / <i>Stingless Bees Farming Operation</i><br>(07-05-2018)   |   |
| <i>Level 1,2: No Job Title</i>  |  |   |

|   |   |   |  |
|---|---|---|--|
| <b>Area</b>   | <b>Tenusu - Lembu Tenusu / Dairy - Dairy Cattle</b>   |   |  |
|   | <i>Level 4,5: Not Available</i>   |   |  |
| <b>L3</b>   | <b>A014-005-3:2019</b><br>Pengendalian Lembu Tenusu / Dairy Cattle Handling<br>(07-08-2019)   |   |  |
|   | <i>Level 1,2: No Job Title</i>  |   |  |
| <b>BAHAGIAN/DIVISION: A01</b><br><i>CROPS AND ANIMAL PRODUCTION, HUNTING AND RELATED SERVICE ACTIVITIES</i> |   | <b>KUMPULAN/GROUP: A016</b><br><i>SUPPORT ACTIVITIES TO AGRICULTURE AND POST-HARVEST CROPS ACTIVITIES</i>   |  |
| <i>(Refer general training prerequisite in NOSS document)</i>   |   |   |  |
| <b>Area</b>   | <b>Tanaman Makanan &amp; Hiasan /Crop-Food &amp; Ornamental</b>   |   |  |
| <b>L5</b>   | <b>A016-001-5:2016</b><br>Pengurusan Teknologi Tanaman /<br><i>Crop Technology Management</i><br>(06-12-2016)   | <b>A016-002-5:2017</b><br>Pengurusan Operasi Teknologi Fertigasi /<br><i>Fertigation Technology Operation Management</i><br>(28-03-2017)  | <b>Y-050-5</b><br>Pengurus Ladang Pertanian /<br><i>Agriculture Farm Manager</i><br>(17-04-2003) |
| <b>L4</b>   | <b>A016-001-4:2016</b><br>Penyelarasan Teknologi Tanaman /<br><i>Crop Technology Coordination</i><br>(06-12-2016)   | <b>A016-002-4:2017</b><br>Kawalan Operasi Teknologi Fertigasi /<br><i>Fertigation Technology Operation Control</i><br>(28-03-2017)  | <b>Y-050-4</b><br>Eksekutif Pertanian /<br><i>Agriculture Executive</i><br>(17-04-2003)          |
| <b>L3</b>   | <b>A016-001-3:2016</b><br>Operasi Pengeluaran Tanaman / <i>Crop Production Operation</i><br>(06-12-2016)  |   |  |
|   | <i>Level 1,2: No Job Title</i>  |   |  |
| <b>Area</b>   | <b>Industri Pemprosesan Makanan - Pengedaran Makanan /<br/><i>Food Processing Industry - Food Distribution</i></b>  | <b>Jualan dan Pemasaran Produk Berasaskan Pertanian /<br/><i>Agriculture and Agro-Based Product Sales and Marketing</i></b>   |  |
| <b>L5</b>   | <b>Y-070-5</b><br>Pengurus Jualan – Pengedaran Makanan / <i>Sales Manager – Food Distribution</i><br>(28-08-2003)   | <b>AF-015-5:2015</b><br>Pengurusan Jualan dan Pemasaran Produk Berasaskan Pertanian / <i>Agriculture &amp; Agro-Based Products Sales &amp; Marketing Management</i><br>(28-08-2003) (31-03-2015)          |  |
| <b>L4</b>   | <b>Y-070-4</b><br>Eksekutif Jualan – Pengedaran Makanan / <i>Sales Executive – Food Distribution</i><br>(28-08-2003)  | <b>AF-015-4:2015</b><br>Kawalan Servis Jualan dan Pemasaran Produk Berasaskan Pertanian / <i>Agriculture &amp; Agro-Based Products Sales &amp; Marketing Service Control</i><br>(28-08-2003) (31-03-2015) |  |
| <b>L3</b>   | <b>A016-003-3:2020</b><br>Operasi Jualan dan Pemasaran Produk Berasaskan Pertanian / <i>Agriculture and Agro-Based Product Sales and Marketing</i><br>(17-04-2003) (19-06-2003) (24-04-2013) (03-09-2020) |   |  |
|   | <i>Level 1,2: No Job Title</i>  |   |  |
| <b>Area</b>   | <b>Jaminan Mutu / Quality Control</b>   |   |  |
|   | <i>Level 4,5: Not Available</i>   |   |  |
| <b>L3</b>   | <b>AF-090-3</b><br>Penyelia Jaminan Mutu / <i>Quality Control Supervisor</i><br>(25-10-10)  |   |  |
| <b>L2</b>   | <b>AF-090-2</b><br>Pembantu Jaminan Mutu / <i>Quality Control Assistant</i><br>(25-10-10)   |   |  |
|   | <i>Level 1: No Job Title</i>  |   |  |

| BAHAGIAN/DIVISION: A02<br>FORESTRY AND LOGGING                |   | KUMPULAN/GROUP: A021<br>SILVICULTURE AND OTHER FORESTRY ACTIVITIES  |  |
|---|---|---|--|
| <i>(Refer general training prerequisite in NOSS document)</i> |   |   |  |
| <b>Area</b>   | <b>Penanaman Hutan &amp; Operasi Penyelenggaraan /<br/>Forest Plantation Establishment &amp; Maintenance<br/>Operations</b>   | <b>Penyediaan Tanah-Penanaman Hutan-Mekanikal /<br/>Forest Plantation Land Preparation-Mechanical</b>   |  |
|   | <i>Level 4,5: Not Available</i>   | <i>Level 4,5: Not Available</i>   |  |
| <b>L3</b>   | <b>RB-093-3:2012</b><br>Penanaman Hutan & Penyelenggaraan / <i>Forest<br/>Plantation Establishment &amp; Maintenance</i><br>(23-10-2012)                                  | <b>RB-094-3:2014</b><br>Penyeliaan Persediaan Mekanikal Tapak Penanaman<br>Hutan / <i>Forest Plantation Mechanical Land Preparation<br/>Supervision</i><br>(25-09-2014) |  |
| <b>L2</b>   | <b>RB-093-2:2012</b><br>Penanaman Hutan & Operasi Penyelenggaraan / <i>Forest<br/>Plantation Establishment &amp; Maintenance Operations</i><br>(23-10-2012)               | <b>RB-094-2:2014</b><br>Operasi Persediaan Mekanikal Tapak Penanaman<br>Hutan / <i>Forest Plantation Mechanical Land Preparation<br/>Operation</i><br>(25-09-2014)      |  |
| <b>L1</b>   | <b>RB-093-1:2012</b><br>Penanaman Hutan & Operasi Penyelenggaraan / <i>Forest Plantation Establishment &amp; Maintenance Operations</i><br>(23-10-2012)                   |   |  |
| <b>Area</b>   | <b>Pengeluaran Bahan Tanaman / <i>Planting Materials Production</i></b>   |   |  |
|   | <i>Level 4,5: Not Available</i>   |   |  |
| <b>L3</b>   | <b>RB-096-3:2014</b><br>Penyeliaan Tapak Semaian Hutan / <i>Forest Nursery Supervision</i><br>(16-12-2014)  |   |  |
| <b>L2</b>   | <b>RB-096-2:2014</b><br>Operasi Teknikal Tapak Semaian Hutan / <i>Forest Nursery Technical Operation</i><br>(16-12-2014)  |   |  |
| <b>L1</b>   | <b>RB-096-1:2014</b><br>Operasi Tapak Semaian Hutan / <i>Forest Nursery Operation</i><br>(16-12-2014)   |   |  |
| BAHAGIAN/DIVISION: A02<br>FORESTRY AND LOGGING                |   | KUMPULAN/GROUP: A022<br>LOGGING   |  |
| <i>(Refer general training prerequisite in NOSS document)</i> |   |   |  |
| <b>Area</b>   | <b>Pra Pembalakan / <i>Pre Harvesting</i></b>   |   |  |
|   | <i>Level 4,5: Not Available</i>   |   |  |
| <b>L3</b>   | <b>A022-001-3:2017</b><br>Penyeliaan Pra Pembalakan / <i>Pre Harvesting Supervision</i><br>(28-03-2017)   |   |  |
| <b>L2</b>   | <b>A022-001-2:2017</b><br>Operasi Pra Pembalakan / <i>Pre Harvesting Operation</i><br>(28-03-2017)  |   |  |
|   | <i>Level 1: No Job Title</i>  |   |  |
| <b>Area</b>   | <b>Operasi Penebangan &amp; Penarikan Kayu /</b>  |   |  |
|   | <i>Level 4,5: Not Available</i>   |   |  |
| <b>L3</b>   | <b>A022-003-3:2017</b><br>Penyeliaan Operasi Pembalakan (Penebangan & Penarikan Kayu) / <i>Logging Operation Supervision (Felling &amp;<br/>Skidding)</i><br>(28-03-2017) |   |  |
| <b>L2</b>   | <b>A022-003-2:2017</b><br>Operasi Pembalakan – Penebangan / <i>Logging Operation<br/>- Felling</i><br>(28-03-2017)  | <b>A022-002-2:2017</b><br>Operasi Pembalakan - Penarikan Kayu / <i>Logging<br/>Operation - Skidding</i><br>(28-03-2017)   |  |
|   | <i>Level 1: No Job Title</i>  |   |  |

| <b>Area</b>   | <b>Penanaman Hutan-<br/>Penuaian Kabel /<br/>Forest Plantation Cable<br/>Harvesting</b>   | <b>Penanaman Hutan-<br/>Operasi Gergaji Rantai /<br/>Forest Plantation<br/>Chainsaw Operation</b>                                       | <b>Penanaman Hutan-<br/>Penuaian /<br/>Forest Plantation Ground<br/>Based Harvesting</b>   | <b>Penanaman Hutan-<br/>Mekanisasi Penuaian /<br/>Forest Plantation<br/>Mechanised Harvesting</b>                   |
|---|---|---|--|---|
|   | <i>Level 4,5: Not Available</i>   | <i>Level 4,5: Not Available</i>   | <i>Level 4,5: Not Available</i>  | <i>Level 4,5: Not Available</i>   |
| <b>L3</b>   | <b>RB-090-3:2012</b><br>Operasi Penuaian<br>Penanaman Hutan-<br>Kabel / <i>Forest Plantation<br/>Cable Harvesting<br/>Operation</i><br>(23-10-2012) | <b>RB-091-3:2012</b><br>Penanaman Hutan-Operasi<br>Gergaji Rantai / <i>Forest<br/>Plantation Chainsaw<br/>Operation</i><br>(23-10-2012) | <b>RB-092-3:2012</b><br>Penanaman Hutan-<br>Operasi Penuaian / <i>Forest<br/>Plantation Ground Based<br/>Operation</i><br>(23-10-2012) | <b>RB-095-3:2014</b><br>Operasi Penuaian<br>Mekanisasi / <i>Mechanised<br/>Harvesting Operation</i><br>(25-09-2014) |
| <b>L2</b>   | <b>RB-090-2:2012</b><br>Operasi Penuaian<br>Penanaman Hutan-<br>Kabel / <i>Forest Plantation<br/>Cable Harvesting<br/>Operation</i><br>(23-10-2012) | <b>RB-091-2:2012</b><br>Penanaman Hutan-Operasi<br>Gergaji Rantai / <i>Forest<br/>Plantation Chainsaw<br/>Operation</i><br>(23-10-2012) | <b>RB-092-2:2012</b><br>Penanaman Hutan-<br>Operasi Penuaian / <i>Forest<br/>Plantation Ground Based<br/>Operation</i><br>(23-10-2012) | <i>Level 1: No Job Title</i>  |
| <b>L1</b>   | <b>RB-090-1:2012</b><br>Operasi Penuaian Penanaman Hutan / <i>Forest Plantation Harvesting Operation</i><br>(23-10-2012)                            |   |  | <i>Level 1: No Job Title</i>  |
| <b>BAHAGIAN/DIVISION: A02</b><br><i>FORESTRY AND LOGGING</i>    |   |   | <b>KUMPULAN/GROUP: A023</b><br><i>GATHERING OF NON-WOOD FOREST PRODUCTS</i>  |   |
| <i>(Refer general training prerequisite in NOSS document)</i>   |   |   |  |   |
| <b>Area</b>   | <b>Perladangan Sarang Burung Walit / <i>Walit Bird Nest Farm</i></b>  |   |  |   |
|   | <i>Level 4,5: Not Available</i>   |   |  |   |
| <b>L3</b>   | <b>AF-061-3</b><br>Penyelia Ladang Sarang Burung Walit / <i>Walit Bird Nest Farm Supervisor</i><br>(22-08-11)                                       |   |  |   |
| <b>L2</b>   | <b>AF-061-2</b><br>Pembantu Ladang Sarang Burung Walit / <i>Walit Bird Nest Farm Assistant</i><br>(22-08-11)  |   |  |   |
|   | <i>Level 1: No Job Title</i>  |   |  |   |
| <b>BAHAGIAN/DIVISION: A03</b><br><i>FISHING AND AQUACULTURE</i> |   |   | <b>KUMPULAN/GROUP: A031</b><br><i>FISHING</i>  |   |
| <i>(Refer general training prerequisite in NOSS document)</i>   |   |   |  |   |
| <b>Area</b>   | <b>Perkhidmatan Perikanan / <i>Fishery Services</i></b>   |   |  |   |
| <b>L5</b>   | <b>A031-001-5:2018</b><br>Pengurusan Perkapalan Penangkapan Ikan / <i>Fishing<br/>Fleet Management</i><br>(07-05-2018)                              | <i>Level 5: Not Available</i>   |  |   |
| <b>L4</b>   | <b>A031-001-4:2017</b><br>Pengurusan Vesel Penangkapan Ikan / <i>Fishery Vessel<br/>Management</i><br>(25-10-10) (23-08-2017)                       | <i>Level 4: Not Available</i>   |  |   |
| <b>L3</b>   | <b>A031-002-3:2022</b><br>Operasi Perikanan Tangkapan / <i>Capture Fishery<br/>Operation</i><br>(22-11-2007) (31-03-2015) (21-4-2022)               | <b>Y-020-3</b><br>Juruteknik Perikanan / <i>Fishery Technician</i><br>(18-07-2002)  |  |   |
| <b>L2</b>   | <i>Level 2: No Job Title</i>  | <b>Y-020-2</b><br>Juruteknik Rendah Perikanan / <i>Fishery Junior Technician</i><br>(18-07-2002)  |  |   |
| <b>L1</b>   | <i>Level 1: No Job Title</i>  | <b>Y-020-1</b><br>Pembantu Perikanan / <i>Fishery Assistant</i><br>(18-07-2002)   |  |   |

| BAHAGIAN/DIVISION: A03<br>FISHING AND AQUACULTURE             |  | KUMPULAN/GROUP: A032<br>AQUACULTURE  |  |
|---|--|--|--|
| <i>(Refer general training prerequisite in NOSS document)</i> |  |  |  |
| <b>Area</b>   | <b>Ternakan Air Tawar</b>  |  |  |
| <b>L5</b>   | <b>A032-001-5:2017</b><br>Pengurusan Ternakan Akuakultur Air Tawar / <i>Fresh Water Aquaculture Management</i><br>(19-4-2011) (23-08-2017)   |  |  |
| <b>L4</b>   | <b>A032-001-4:2017</b><br>Pentadbiran Operasi Ternakan Akuakultur Air Tawar / <i>Fresh Water Aquaculture Operation Administration</i><br>(19-4-2011) (23-08-2017)                                      |  |  |
| <b>L3</b>   | <b>A032-006-3:2022</b><br>Penyeliaan Operasi Akuakultur Air Tawar / <i>Fresh Water Aquaculture Operation Supervision</i><br>(19-4-2011) (21-4-2022)  |  |  |
| <b>L2</b>   | <b>A032-006-2:2022</b><br>Operasi Akuakultur Air Tawar / <i>Fresh Water Aquaculture Operation</i><br>(19-4-2011) (21-4-2022)   |  |  |
| <i>Level 1: No Job Title</i>                                  |  |  |  |
| <b>Area</b>   | <b>Akuakultur Marin / Marine Aquaculture</b>   |  |  |
| <b>L5</b>   | <b>A032-002-5:2018</b><br>Pengurusan Ternakan Akuakultur Marin / <i>Marine Aquaculture Management</i><br>(30-10-2003) (07-05-2018)   |  |  |
| <b>L4</b>   | <b>A032-002-4:2018</b><br>Pentadbiran Operasi Ternakan Akuakultur Marin / <i>Marine Aquaculture Operational Administration</i><br>(30-10-2003) (07-05-2018)  |  |  |
| <b>L3</b>   | <b>AF-022-3:2015</b><br>Pengeluaran Induk & Benih<br>Akuakultur (Marin) / <i>Marine<br/>                     Aquaculture Broodstock &amp; Seed<br/>                     Production</i><br>(29-09-2015) | <b>A032-002-3:2017</b><br>Penyeliaan Operasi Akuakultur Marin / <i>Marine<br/>                     Aquaculture Operation Supervision</i><br>(18-07-2002)(22-11-2007)(27-11-2017) | <b>A032-004-3:2019</b><br>Operasi Pengeluaran<br>Benih Ikan Marin /<br><i>Marine Fish Seed<br/>                     Production Operation</i><br>(07-08-2019) |
| <b>L2</b>   | <i>Level 2: No Job Title</i>   | <b>A032-002-2:2017</b><br>Operasi Akuakultur Marin / <i>Marine<br/>                     Aquaculture Operation</i><br>(18-07-2002)(22-11-2007)(27-11-2017)                        | <i>Level 2: No Job Title</i>   |
| <i>Level 1: No Job Title</i>                                  |  |  |  |
| <b>Area</b>   | <b>Akuakultur Marin - Operasi Pengkulturan Rumpai Laut / Aquaculture - Marine - Sea Weed Culturing Operation</b>   | <b>Akuakultur Marin - Operasi Pengeluaran Karaginan Separa Tulen / Aquaculture-Marine - Semi-Refined Carrageenan Production Operation</b>  |  |
| <i>Level 4,5: Not Available</i>                               |  |  |  |
| <b>L3</b>   | <b>AF-019-3:2014</b><br>Pengkulturan Rumpai Laut / <i>Sea Weed Farming</i><br>(02-04-2014)   | <b>AF-021-3:2015</b><br>Pengeluaran Karaginan Separa Tulen / <i>Semi-Refined<br/>                     Carrageenan Production</i><br>(31-03-2015)                                 |  |
| <i>Level 1,2: No Job Title</i>                                |  |  |  |

| <b>Area</b>                     |  | <b>Akuakultur Air Tawar / Fresh Water Aquaculture</b>  |  |
|---------------------------------|--|--|--|
| <b>L5</b>                       | <b>AF-032-5</b><br>Pengurus Akuakultur (Ikan Hiasan) / <i>Aquaculture Manager (Ornamental Fish)</i><br>(22-08-11)  | <b>AF-033-5:2012</b><br>Pengurusan Pengeluaran Benih Ikan Air Tawar / <i>Freshwater Fry Production Management</i><br>(05-04-2012)                |  |
| <b>L4</b>                       | <b>AF-032-4</b><br>Eksekutif Akuakultur (Ikan Hiasan) / <i>Aquaculture Executive (Ornamental Fish)</i><br>(22-08-11)   | <b>AF-033-4:2012</b><br>Pengurusan Pengeluaran Benih Ikan Air Tawar / <i>Freshwater Fry Production Management</i><br>(05-04-2012)                |  |
| <b>L3</b>                       | <i>Level 3: No Job Title</i>   | <b>A032-005-3:2020</b><br>Operasi Pengeluaran Benih Ikan Air Tawar / <i>Freshwater Aquaculture Hatchery Operation</i><br>(19-4-2011)(03-09-2020) |  |
| <i>3-</i>                       |  |  |  |
| <b>Area</b>                     |  | <b>Ternakan Ikan Hiasan Air Tawar</b>  |  |
| <i>Level 4,5: Not Available</i> |  |  |  |
| <b>L3</b>                       | <b>A032-007-3:2023</b><br>Ternakan Ikan Hiasan Air Tawar / <i>Fresh Water Ornamental Fish Farming</i><br>(19-4-2011)(8-5-2023)                               |  |  |
| <b>L2</b>                       | <b>A032-007-2:2023</b><br>Ternakan Ikan Hiasan Air Tawar / <i>Fresh Water Ornamental Fish Farming</i><br>(19-4-2011)(8-5-2023)                               |  |  |
| <i>Level 1: No Job Title</i>    |  |  |  |
| <b>Area</b>                     |  | <b>Spiny Lobster / Hatchery Control</b>  |  |
| <b>L5</b>                       | <b>BT-026-5:2014</b><br><i>Spiny Lobster Hatchery Management</i><br>(02-04-2014)   |  |  |
| <b>L4</b>                       | <b>BT-026-4:2014</b><br><i>Spiny Lobster Hatchery Control</i><br>(02-04-2014)  |  |  |
| <b>L3</b>                       | <b>BT-026-3:2014</b><br><i>Spiny Lobster Hatchery Operation</i><br>(02-04-2014)  |  |  |
| <i>Level 1,2: No Job Title</i>  |  |  |  |
| <b>Area</b>                     |  | <b>Pengeluaran Mikro Alga / Microalgae Production</b>  |  |
| <b>L5</b>                       | <b>BT-045-5:2014</b><br>Pembangunan Produk Berasaskan Mikro Alga & Pengurusan / <i>Microalgae-Based Product Development &amp; Management</i><br>(16-12-2014) |  |  |
| <b>L4</b>                       | <b>BT-045-4:2014</b><br>Pengurusan Pengkulturan Mikro Alga & Bio Mass / <i>Microalgae Culture &amp; Bio-Mass Management</i><br>(16-12-2014)                  |  |  |
| <b>L3</b>                       | <b>BT-045-3:2014</b><br>Pengkulturan Mikro Alga & Pengeluaran Bio Mass / <i>Microalgae Culture &amp; Bio-Mass Production</i><br>(16-12-2014)                 |  |  |
| <b>L2</b>                       | <b>BT-045-2:2014</b><br>Operasi Mikro Alga / <i>Microalgae Operations</i><br>(16-12-2014)  |  |  |
| <i>Level 1: No Job Title</i>    |  |  |  |



| Area      | <b>Akuakultur Ikan Hiasan Marin / Marine Ornamental Fish Aquaculture</b>   |
|-----------|--|
|           | <i>Level 4,5: Not Available</i>  |
| <b>L3</b> | <p style="text-align: center;"><b>A032-003-3:2019</b><br/>                     Penyeliaan Operasi Akuakultur Ikan Hiasan Marin / <i>Marine Ornamental Fish Aquaculture Operation Supervision</i><br/>                     (25-04-2019)</p> |
| <b>L2</b> | <p style="text-align: center;"><b>A032-003-2:2019</b><br/>                     Operasi Akuakultur Ikan Hiasan Marin / <i>Marine Ornamental Fish Aquaculture Operation</i><br/>                     (25-04-2019)</p>                        |
|           | <i>Level 1: No Job Title</i>   |
|           |  |

## 9. STANDARD DI BAWAH SEKSYEN EKONOMI MSIC B: PERLOMBONGAN DAN PENGKUARIAN

| <b>SECTION B: MINING AND QUARRYING</b> |  |   |
|--|--|---|
| <b>BAHAGIAN/<br/>DIVISION</b>          | <b>KUMPULAN/<br/>GROUP</b>                           | <b>KETERANGAN/<br/>DESCRIPTION</b>                          |
| <b>B05</b>                             | <b>MINING OF COAL LIGNITE</b>                        |   |
|  | <b>B051</b>  | MINING OF HARD COAL   |
|  | <b>B052</b>  | MINING OF LIGNITE   |
| <b>B06</b>                             | <b>EXTRACTION OF CRUDE PETROLEUM AND NATURAL GAS</b> |   |
|  | <b>B061</b>  | EXTRACTION OF CRUDE PERTOLEUM                               |
|  | <b>B062</b>  | EXTRACTION OF NATURAL GAS                                   |
| <b>B07</b>                             | <b>MINING OF METAL ORES</b>                          |   |
|  | <b>B071</b>  | MINING OF IRON ORES   |
|  | <b>B072</b>  | MINING OF NON-FERROUS METAL ORES                            |
| <b>B08</b>                             | <b>OTHER MINING AND QUARRYING</b>                    |   |
|  | <b>B081</b>  | QUARRYING OF STONE, SAND AND CLAY                           |
|  | <b>B089</b>  | MINING AND QUARRYING n.e.c                                  |
| <b>B09</b>                             | <b>MINING SUPPORT SERVICE ACTIVITIES</b>             |   |
|  | <b>B091</b>  | SUPPORT ACTIVITIES FOR PETROLEUM AND NATURAL GAS EXTRACTION |
|  | <b>B099</b>  | SUPPORT ACTIVITIES FOR OTHER MINING AND QUARRYING           |

| <b>BAHAGIAN/DIVISION: B06</b><br>EXTRACTION OF CRUDE PETROLEUM AND NATURAL GAS |  | <b>KUMPULAN/GROUP: B061</b><br>EXTRACTION OF CRUDE PERTOLEUM |
|--|--|--|
| <i>(Refer general training prerequisite in NOSS document)</i>                  |  |  |
| <b>Area</b>  | <b>Minyak, Gas dan Penggerudian / Oil, Gas and Drilling</b>  |  |
| <b>L5</b>  | <b>OG-012-5:2012</b><br>Pengurusan Operasi Penggerudian (Minyak, Gas & Petrokimia) / <i>Drilling Operation Management (Oil, Gas &amp; Petrochemical)</i><br>(18-12-2012) |  |
| <b>L4</b>  | <b>OG-012-4:2012</b><br>Pengurusan Operasi Penggerudian (Minyak, Gas & Petrokimia) / <i>Drilling Operation Management (Oil, Gas &amp; Petrochemical)</i><br>(18-12-2012) |  |
| <b>L3</b>  | <b>OG-012-3:2011</b><br>Operasi Penggerudian (Minyak, Gas & Petrokimia) / <i>Drilling Operation (Oil, Gas &amp; Petrochemical)</i><br>(20-12-2011)                       |  |
|  | <i>Level 1,2: No Job Title</i>   |  |
| <b>Area</b>  | <b>/ Upstream Development &amp; Production (Electrical Engineering)</b>  |  |
| <b>L5</b>  | <b>B061-001-5:2018</b><br>Pengurusan Pembinaan Elektrik / <i>Electrical Construction Management</i><br>(06-02-2018)  |  |
| <b>L4</b>  | <b>B061-001-4:2018</b><br>Penyeliaan Pembinaan Elektrik / <i>Electrical Construction Supervision</i><br>(06-02-2018)   |  |
|  | <i>Level 2,3: Not Available</i>  |  |
|  | <i>Level 1: No Job Title</i>   |  |

| BAHAGIAN/DIVISION: B09<br>MINING SUPPORT SERVICE ACTIVITIES   |  | KUMPULAN/GROUP: B091<br>SUPPORT ACTIVITIES FOR PETROLEUM AND NATURAL GAS EXTRACTION  |  |
|---|--|--|--|
| <i>(Refer general training prerequisite in NOSS document)</i> |  |  |  |
| <b>Area</b>   | <b>/ Oil &amp; Gas Downstream Operation &amp; Maintenance - Piping</b>   |  |  |
| <b>L5</b>   | <b>B091-001-5:2017</b><br>Pengurusan Operasi & Penyelenggaraan Paip / <i>Piping Operation &amp; Maintenance Management</i><br>(28-03-2017)   |  |  |
| <b>L4</b>   | <b>B091-001-4:2017</b><br>Penyeliaan Operasi & Penyelenggaraan Paip / <i>Piping Operation &amp; Maintenance Supervision</i><br>(28-03-2017)  |  |  |
| <b>L3</b>   | <b>OG-035-3:2016</b><br>Operasi Fabrikasi dan Pemasangan Paip Minyak & Gas / <i>Oil &amp; Gas Piping Fabrication and Fitting Operation</i><br>(04-02-2016)                                     |  |  |
| <b>L2</b>   | <b>OG-035-2:2016</b><br>Operasi Fabrikasi dan Pemasangan Paip Gas Domestik / <i>Domestic Gas Piping Fabrication and Fitting Operation</i><br>(04-02-2016)                                      |  |  |
| <i>Level 1: No Job Title</i>                                  |  |  |  |
| <b>Area</b>   | <b>/ Upstream - Maintenance (Offshore)</b>   |  |  |
| <b>L5</b>   | <b>B091-002-5:2018</b><br>Pengurusan Penyelenggaraan Instrumentasi dan Kawalan (Pesisiran Pantai) / <i>Instrumentation and Control Maintenance Management (Offshore)</i><br>(06-02-2018)       | <i>Level 5: Not Available</i>  | <i>Level 5: Not Available</i>  |
| <b>L4</b>   | <b>B091-002-4:2018</b><br>Penyeliaan Penyelenggaraan Instrumentasi dan Kawalan (Pesisiran Pantai) / <i>Instrumentation and Control Maintenance Supervision (Offshore)</i><br>(06-02-2018)      | <i>Level 4: Not Available</i>  | <i>Level 4: Not Available</i>  |
| <b>L3</b>   | <b>OG-017-3:2013</b><br>Penyelenggaraan Instrumen (Pesisiran Pantai) (Minyak, Gas & Petrokimia) / <i>Instrumentation Maintenance (Offshore) (Oil, Gas &amp; Petrochemical)</i><br>(30-12-2013) | <b>OG-018-3:2013</b><br>Penyeliaan Penyelenggaraan Mekanikal (Pesisiran Pantai) / <i>Mechanical Maintenance Supervision (Offshore)</i><br>(30-12-2013) | <b>OG-019-3:2013</b><br>Penyelenggaraan Elektrik (Pesisiran Pantai) (Minyak, Gas & Petrokimia) / <i>Electrical Maintenance (Offshore) (Oil, Gas &amp; Petrochemical)</i><br>(30-12-2013) |
| <b>L2</b>   | <b>OG-017-2:2013</b><br>Penyelenggaraan Instrumen (Pesisiran Pantai) (Minyak, Gas & Petrokimia) / <i>Instrumentation Maintenance (Offshore) (Oil, Gas &amp; Petrochemical)</i><br>(30-12-2013) | <b>OG-018-2:2013</b><br>Penyelenggaraan Mekanikal (Pesisiran Pantai) / <i>Mechanical Maintenance (Offshore)</i><br>(30-12-2013)                        | <b>OG-019-2:2013</b><br>Penyelenggaraan Elektrik (Pesisiran Pantai) (Minyak, Gas & Petrokimia) / <i>Electrical Maintenance (Offshore) (Oil, Gas &amp; Petrochemical)</i><br>(30-12-2013) |
| <b>L1</b>   | <b>OG-017-1:2013</b><br>Penyelenggaraan Instrumen (Pesisiran Pantai) (Minyak, Gas & Petrokimia) / <i>Instrumentation Maintenance (Offshore) (Oil, Gas &amp; Petrochemical)</i><br>(30-12-2013) | <b>OG-018-1:2013</b><br>Penyelenggaraan Mekanikal (Pesisiran Pantai) / <i>Mechanical Servicing (Offshore)</i><br>(30-12-2013)                          | <b>OG-019-1:2013</b><br>Penyelenggaraan Elektrik (Pesisiran Pantai) (Minyak, Gas & Petrokimia) / <i>Electrical Maintenance (Offshore) (Oil, Gas &amp; Petrochemical)</i><br>(30-12-2013) |

| <b>Area</b>                    | <b>Lukisan Kejuruteraan /<br/>Technical Drawing</b>   | <b>/ Pipe Drafting (Oil &amp; Gas)</b>   | <b>Pemadaman Api / Fire Fighting</b>   |
|--------------------------------|---|--|--|
| <b>L5</b>                      | <b>OG-020-5:2012</b><br>Rekabentuk Struktur Luar Pesisir Pantai (Oil & Gas) / Offshore Structure Design (Oil & Gas) (18-12-2012)                                  | <b>OG-022-5:2013</b><br>Pengurusan Rekabentuk Perpaipan (Minyak & Gas) / Piping Design Management (Oil & Gas) (30-12-2013)                 | <b>OG-024-5:2014</b><br>Fire Rescue and Hazmat Management (Oil, Gas & Petrochemical) (16-12-2014)  |
| <b>L4</b>                      | <b>OG-020-4:2012</b><br>Rekabentuk Struktur Luar Pesisir Pantai (Oil & Gas) / Offshore Structure Design (Oil & Gas) (18-12-2012)                                  | <b>OG-022-4:2013</b><br>Rekabentuk Perpaipan (Minyak & Gas) Piping Design (Oil & Gas) (30-12-2013)   | <b>OG-024-4:2014</b><br>Fire Rescue and Hazmat Supervision (Oil, Gas & Petrochemical) (16-12-2014) |
| <b>L3</b>                      | <b>OG-020-3:2012</b><br>Lukisan Kejuruteraan Teknikal Struktur (Oil & Gas) / Structure Technical Drawing (Oil & Gas) (05-04-2012)                                 | <b>OG-022-3:2013</b><br>Piping Drafting (Oil & Gas) (30-12-2013)   | <b>OG-024-3:2014</b><br>Fire Rescue and Hazmat Operation (Oil, Gas & Petrochemical) (16-12-2014)   |
| <b>Level 1,2: No Job Title</b> |   |  |  |
| <b>Area</b>                    | <b>/ Upstream Engineering Operation (Offshore Platform)</b>   | <b>Perkhidmatan Sokongan Pesisiran Pantai / Offshore Support Services</b>  | <b>Dokumen Teknikal / Technical Document</b>   |
| <b>L5</b>                      | <b>Level 5: Not Available</b>   | <b>OG-025-5:2016</b><br>Pengurusan Operasi Kapal Sokongan Pesisiran Pantai / Offshore Support Vessel Operational Management (04-02-2016)   | <b>Level 5: Not Available</b>  |
| <b>L4</b>                      | <b>Level 4: Not Available</b>   | <b>OG-025-4:2016</b><br>Koordinasi Operasi Kapal Sokongan Pesisiran Pantai / Offshore Support Vessel Operational Coordination (04-02-2016) | <b>Level 4: Not Available</b>  |
| <b>L3</b>                      | <b>OG-021-3:2013</b><br>Operasi Pengeluaran (Pesisiran Pantai) / Production Operation (Offshore) (30-12-2013)   | <b>OG-025-3:2014</b><br>Operasi Kapal Sokongan Pesisiran Pantai / Offshore Support Vessel Operations (25-09-2014)                          | <b>OG-029-3:2014</b><br>Operasi Kawalan Dokumen / Document Control Operation (25-09-2014)          |
| <b>L2</b>                      | <b>OG-021-2:2013</b><br>Operasi Pengeluaran (Pesisiran Pantai) / Production Operation (Offshore) (30-12-2013)   | <b>Level 2: No Job Title</b>   |  |
| <b>L1</b>                      | <b>OG-021-1:2013</b><br>Operasi Pengeluaran (Pesisiran Pantai) / Production Operation (Offshore) (30-12-2013)   | <b>Level 1: No Job Title</b>   |  |
| <b>Area</b>                    | <b>Pengurusan Projek Kejuruteraan / Engineering Project Management</b>  | <b>Perkhidmatan Sokongan Hayat Dasar Laut / Subsea Life Support Services</b>   |  |
| <b>L5</b>                      | <b>OG-031-5:2014</b><br>Pengurusan Dokumen Kejuruteraan (Minyak, Gas & Petrokimia) / Engineering Document Management (Oil, Gas & Petrochemical) (16-12-2014)      | <b>Level 5: Not Available</b>  |  |
| <b>L4</b>                      | <b>OG-031-4:2014</b><br>Pentadbiran Dokumen Kejuruteraan (Minyak, Gas & Petrokimia) / Engineering Document Administration (Oil, Gas & Petrochemical) (16-12-2014) | <b>Level 4: Not Available</b>  |  |
| <b>L3</b>                      | <b>Level 3: No Job Title</b>  | <b>OG-037-3:2016</b><br>Perkhidmatan Sokongan Hayat Dasar Laut / Subsea Life Support Services (04-02-2016)                                 |  |
| <b>Level 1,2: No Job Title</b> |   |  |  |

**10. STANDARD DI BAWAH SEKSYEN EKONOMI MSIC C: PEMBUATAN**

| <b>SECTION C: MANUFACTURING</b> |                         |   |
|---------------------------------|-------------------------|---|
| <b>BAHAGIAN / DIVISION</b>      | <b>KUMPULAN / GROUP</b> | <b>KETERANGAN / DESCRIPTION</b>   |
| <b>C10</b>                      |                         | <b>MANUFACTURE OF FOOD PRODUCTS</b>   |
|                                 | <b>C101</b>             | PROCESSING AND PRESERVING OF MEAT   |
|                                 | <b>C102</b>             | PROCESSING AND PRESERVING OF FISH, CRUSTACEANS AND MOLLUSCS   |
|                                 | <b>C103</b>             | PROCESSING AND PRESERVING OF FRUIT AND VEGETABLES   |
|                                 | <b>C104</b>             | MANUFACTURE OF VEGETABLE AND ANIMAL OILS AND FATS   |
|                                 | <b>C105</b>             | MANUFACTURE OF DAIRY PRODUCTS   |
|                                 | <b>C106</b>             | MANUFACTURE OF GRAIN MILL PRODUCTS, STARCHES AND STARCH PRODUCTS  |
|                                 | <b>C107</b>             | MANUFACTURE OF OTHER FOOD PRODUCTS  |
|                                 | <b>C108</b>             | MANUFACTURE OF PREPARED ANIMAL FEEDS  |
| <b>C11</b>                      |                         | <b>MANUFACTURE OF BEVERAGES</b>   |
|                                 | <b>C110</b>             | MANUFACTURE OF BEVERAGES  |
| <b>C12</b>                      |                         | <b>MANUFACTURE OF TOBACCO PRODUCTS</b>  |
|                                 | <b>C120</b>             | MANUFACTURE OF TOBACCO PRODUCTS   |
| <b>C13</b>                      |                         | <b>MANUFACTURE OF TEXTILES</b>  |
|                                 | <b>C131</b>             | SPINNING, WEAVING AND FINISHING OF TEXTILES   |
|                                 | <b>C139</b>             | MANUFACTURE OF OTHER TEXTILES   |
| <b>C14</b>                      |                         | <b>MANUFACTURE OF WEARING APPAREL</b>   |
|                                 | <b>C141</b>             | MANUFACTURE OF WEARING, EXCEPT FUR APPAREL  |
|                                 | <b>C142</b>             | MANUFACTURE OF ARTICLES OF FUR  |
|                                 | <b>C143</b>             | MANUFACTURE OF KNITTED AND CROCHETED APPAREL  |
| <b>C15</b>                      |                         | <b>MANUFACTURE OF LEATHER AND RELATED PRODUCTS</b>  |
|                                 | <b>C151</b>             | TANNING AND DRESSING OF LEATHER, MANUFACTURE OF LUGGAGE, HANDBAGS, SADDLERY AND HARNESS, DRESSING AND DYEING OF FUR                 |
|                                 | <b>C152</b>             | MANUFACTURE OF FOOTWEAR   |
| <b>C16</b>                      |                         | <b>MANUFACTURE OF WOOD AND PRODUCTS OF WOOD AND CORK, EXCEPT FURNITURE, MANUFACTURE OF ARTICLES OF STRAW AND PLAITING MATERIALS</b> |
|                                 | <b>C161</b>             | SAWMILLING AND PLANING OF WOOD  |
|                                 | <b>C162</b>             | MANUFACTURE OF PRODUCTS OF WOOD, CORK, STRAW AND PLAITING MATERIALS   |
| <b>C17</b>                      |                         | <b>MANUFACTURE OF PAPER AND PAPER PRODUCTS</b>  |
|                                 | <b>C170</b>             | MANUFACTURE OF PAPER AND PAPER PRODUCTS   |
| <b>C18</b>                      |                         | <b>PRINTING AND REPRODUCING OF RECORDED MEDIA</b>   |
|                                 | <b>C181</b>             | PRINTING AND SERVICE ACTIVITIES RELATED TO PRINTING   |
|                                 | <b>C182</b>             | REPRODUCTION OF RECORDED MEDIA  |
| <b>C19</b>                      |                         | <b>MANUFACTURE OF COKE AND REFINED PETROLEUM PRODUCTS</b>   |
|                                 | <b>C191</b>             | MANUFACTURE OF COKE OVEN PRODUCTS   |
|                                 | <b>C192</b>             | MANUFACTURE OF REFINED PETROLEUM PRODUCTS   |
| <b>C20</b>                      |                         | <b>MANUFACTURE OF CHEMICALS AND CHEMICALS PRODUCTS</b>  |
|                                 | <b>C201</b>             | MANUFACTURE OF BASIC CHEMICALS, FERTILIZERS AND NITROGEN COMPOUNDS, PLASTICS AND SYNTHETIC RUBBER IN PRIMARY FORMS                  |
|                                 | <b>C202</b>             | MANUFACTURE OF OTHER CHEMICAL PRODUCTS  |
|                                 | <b>C203</b>             | MANUFACTURE OF MAN-MADE FIBRES  |
| <b>C21</b>                      |                         | <b>MANUFACTURE OF BASIC PHARMACEUTICAL PRODUCTS AND PHARMACEUTICAL PREPARATIONS</b>   |
|                                 | <b>C210</b>             | MANUFACTURE OF PHARMACEUTICALS, MEDICINAL CHEMICAL AND BOTANICAL PRODUCTS   |
| <b>C22</b>                      |                         | <b>MANUFACTURE OF RUBBER AND PLASTICS PRODUCTS</b>  |
|                                 | <b>C221</b>             | MANUFACTURE OF RUBBER PRODUCTS  |
|                                 | <b>C222</b>             | MANUFACTURE OF PLASTICS PRODUCTS  |
| <b>C23</b>                      |                         | <b>MANUFACTURE OF OTHER NON-METALLIC MINERAL PRODUCTS</b>   |
|                                 | <b>C231</b>             | MANUFACTURE OF GLASS AND GLASS PRODUCTS   |
|                                 | <b>C239</b>             | MANUFACTURE OF NON-METALLIC MINERAL PRODUCTS n.e.c  |
| <b>C24</b>                      |                         | <b>MANUFACTURE OF BASIC METALS</b>  |
|                                 | <b>C241</b>             | MANUFACTURE OF BASIC IRON AND STEEL   |

| <b>SECTION C: MANUFACTURING</b> |                         |   |
|---------------------------------|-------------------------|---|
| <b>BAHAGIAN / DIVISION</b>      | <b>KUMPULAN / GROUP</b> | <b>KETERANGAN / DESCRIPTION</b>   |
|                                 | <b>C242</b>             | MANUFACTURE OF BASIC PRECIOUS AND OTHER NON-FERROUS METALS  |
|                                 | <b>C243</b>             | CASTING OF METALS   |
| <b>C25</b>                      |                         | <b>MANUFACTURE OF FABRICATED METAL PRODUCTS, EXCEPT MACHINERY AND EQUIPEMENT</b>                            |
|                                 | <b>C251</b>             | MANUFACTURE OF STRUCTURAL METAL PRODUCTS, TANKS, RESERVOIRS AND STEAM GENERATORS                            |
|                                 | <b>C252</b>             | MANUFACTURE OF WEAPONS AND AMMUNITION   |
|                                 | <b>C259</b>             | MANUFACTURE OF OTHER FABRICATED METAL PRODUCTS; METALWORKING SERVICE ACTIVITIES                             |
| <b>C26</b>                      |                         | <b>MANUFACTURE OF COMPUTER, ELECTRONIC AND OPTICAL PRODUCTS</b>   |
|                                 | <b>C261</b>             | MANUFACTURE OF ELECTRONIC COMPONENTS AND BOARDS   |
|                                 | <b>C262</b>             | MANUFACTURE OF COMPUTERS AND PERIPHERAL EQUIPMENT   |
|                                 | <b>C263</b>             | MANUFACTURE OF COMMUNICATION EQUIPMENT  |
|                                 | <b>C264</b>             | MANUFACTURE OF CONSUMER ELECTRONICS   |
|                                 | <b>C265</b>             | MANUFACTURE OF MEASURING, TESTING, NAVIGATING AND CONTROL EQUIPMENT, WATCHES AND CLOCKS                     |
|                                 | <b>C266</b>             | MANUFACTURE OF IRRADIATION, ELECTROMEDICAL AND ELECTROTHERAPEUTIC EQUIPMENT                                 |
|                                 | <b>C267</b>             | MANUFACTURE OF OPTICAL INSTRUMENTS AND PHOTOGRAPHIC EQUIPMENT   |
|                                 | <b>C268</b>             | MANUFACTURE OF MAGNETIC AND OPTICAL MEDIA   |
| <b>C27</b>                      |                         | <b>MANUFACTURE OF ELECTRICAL EQUIPMENT</b>  |
|                                 | <b>C271</b>             | MANUFACTURE OF ELECTRIC MOTORS, GENERATORS, TRANSFORMERS AND ELECTRICITY DISTRIBUTION AND CONTROL APPARATUS |
|                                 | <b>C272</b>             | MANUFACTURE OF BATTERIES AND ACCUMULATORS   |
|                                 | <b>C273</b>             | MANUFACTURE OF WIRING AND WIRING DEVICES  |
|                                 | <b>C274</b>             | MANUFACTURE OF ELECTRIC LIGHTING EQUIPMENT  |
|                                 | <b>C275</b>             | MANUFACTURE OF DOMESTIC APPLIANCES  |
|                                 | <b>C279</b>             | MANUFACTURE OF OTHER ELECTRICAL EQUIPMENT   |
| <b>C28</b>                      |                         | <b>MANUFACTURE OF MACHINERY AND EQUIPMENT n.e.c</b>   |
|                                 | <b>C281</b>             | MANUFACTURE OF GENERAL-PURPOSE MACHINERY  |
|                                 | <b>C282</b>             | MANUFACTURE OF SPECIAL-PURPOSE MACHINERY  |
| <b>C29</b>                      |                         | <b>MANUFACTURE OF MOTOR VEHICLES, TRAILERS AND SEMI-TRAILERS</b>  |
|                                 | <b>C291</b>             | MANUFACTURE OF MOTOR VEHICLES   |
|                                 | <b>C292</b>             | MANUFACTURE OF BODIES (COACHWORK) FOR MOTOR VEHICLES; MANUFACTURE OF TRAILERS AND SEMI-TRAILERS             |
|                                 | <b>C293</b>             | MANUFACTURE OF PARTS AND ACCESSORIES FOR MOTOR VEHICLES   |
| <b>C30</b>                      |                         | <b>MANUFACTURE OF OTHER TRANSPORT EQUIPMENT</b>   |
|                                 | <b>C301</b>             | BUILDING OF SHIPS AND BOATS   |
|                                 | <b>C302</b>             | MANUFACTURE OF RAILWAY LOCOMOTIVES AND ROLLING STOCK  |
|                                 | <b>C303</b>             | MANUFACTURE OF AIR AND SPACECRAFT AND RELATED MACHINERY   |
|                                 | <b>C304</b>             | MANUFACTURE OF MILITARY FIGHTING VEHICLES   |
|                                 | <b>C309</b>             | MANUFACTURE OF TRANSPORT EQUIPMENT n.e.c  |
| <b>C31</b>                      |                         | <b>MANUFACTURE OF FURNITURE</b>   |
|                                 | <b>C310</b>             | MANUFACTURE OF FURNITURE  |
| <b>C32</b>                      |                         | <b>OTHER MANUFACTURING</b>  |
|                                 | <b>C321</b>             | MANUFACTURE OF JEWELLERY, BIJOUTERIE AND RELATED ARTICLES   |
|                                 | <b>C322</b>             | MANUFACTURE OF MUSICAL INSTRUMENTS  |
|                                 | <b>C323</b>             | MANUFACTURE OF SPORTS GOODS   |
|                                 | <b>C324</b>             | MANUFACTURE OF GAMES AND TOYS   |
|                                 | <b>C325</b>             | MANUFACTURE OF MEDICAL AND DENTAL INSTRUMENTS AND SUPPLIES  |
|                                 | <b>C329</b>             | OTHER MANUFACTURING n.e.c   |
| <b>C33</b>                      |                         | <b>REPAIR AND INSTALLATION OF MACHINERY AND EQUIPMENT</b>   |
|                                 | <b>C331</b>             | REPAIR OF FABRICATED METAL PRODUCTS, MACHINERY AND EQUIPMENT  |
|                                 | <b>C332</b>             | INSTALLATION OF INDUSTRIAL MACHINERY AND EQUIPMENT  |

| BAHAGIAN/DIVISION: C10<br>MANUFACTURE OF FOOD PRODUCTS        |   | KUMPULAN/GROUP: C101<br>PROCESSING AND PRESERVING OF MEAT |
|---|---|---|
| <i>(Refer general training prerequisite in NOSS document)</i> |   |   |
| <b>Area</b>   | <b>Livestock Husbandry (Production) - Abattoir (Meat &amp; Poultry)</b>   |   |
| <b>L5</b>   | <b>AF-070-5:2012</b><br>Pengurusan Penyembelihan / <i>Abattoir Management</i><br>(05-04-2012)   |   |
| <b>L4</b>   | <b>AF-070-4:2012</b><br>Pengurusan Penyembelihan / <i>Abattoir Management</i><br>(05-04-2012)   |   |
| <b>L3</b>   | <b>AF-070-3:2015</b><br>Penyeliaan Abattoir Ruminan / <i>Abattoir Ruminant Supervision</i><br>(25-10-10) (31-03-2015)                   |   |
| <b>L2</b>   | <b>AF-070-2:2015</b><br>Pengendalian Abattoir Ruminan / <i>Abattoir Ruminant Handling</i><br>(25-10-10) (31-03-2015)                    |   |
| <i>Level 1: No Job Title</i>                                  |   |   |
| <b>Area</b>   | <b>Operasi Rumah Sembelih (Poltri) / Slaughterhouse Operations (Poultry)</b>  |   |
| <b>L5</b>   | <b>C101-001-5:2017</b><br>Pengurusan Rumah Sembelih Poultri Halal / <i>Halal Poultry Slaughterhouse Management</i><br>(21-08-2017)      |   |
| <b>L4</b>   | <b>C101-001-4:2017</b><br>Pentadbiran Rumah Sembelih Poultri Halal / <i>Halal Poultry Slaughterhouse Administration</i><br>(21-08-2017) |   |
| <b>L3</b>   | <b>C101-001-3:2017</b><br>Penyelarasan Penyembelihan Poultri Halal / <i>Halal Poultry Slaughtering Supervision</i><br>(21-08-2017)      |   |
| <b>L2</b>   | <b>C101-001-2:2017</b><br>Operasi Penyembelihan Poultri Halal / <i>Halal Poultry Slaughtering Operations</i><br>(21-08-2017)            |   |
| <i>Level 1: No Job Title</i>                                  |   |   |

| BAHAGIAN/DIVISION: C10<br>MANUFACTURE OF FOOD PRODUCTS        |  | KUMPULAN/GROUP: C102<br>PROCESSING AND PRESERVING OF FISH, CRUSTACEANS<br>AND MOLLUSCS |
|---|--|--|
| <i>(Refer general training prerequisite in NOSS document)</i> |  |  |
| <b>Area</b>   | <b>Pemprosesan Produk Perikanan / Fishery Products Processing</b>  |  |
| <i>Level 4,5: Not Available</i>                               |  |  |
| <b>L3</b>   | <b>C102-001-3:2019</b><br>Operasi Pemprosesan Produk Perikanan / <i>Fishery Products Processing Operation</i><br>(05-04-2012) (25-04-2019) |  |
| <i>Level 1,2: No Job Title</i>                                |  |  |

| BAHAGIAN/DIVISION: C10<br>MANUFACTURE OF FOOD PRODUCTS        |   | KUMPULAN/GROUP: C104<br>MANUFACTURE OF VEGETABLE AND ANIMAL OILS AND<br>FATS |
|---|---|--|
| <i>(Refer general training prerequisite in NOSS document)</i> |   |  |
| <b>Area</b>   | <b>Dapur - Pengeluaran Coklat / Kitchen - Chocolate Production</b>  |  |
| <i>Level 4,5: Not Available</i>                               |   |  |
| <b>L3</b>   | <b>HT-015-3:2013</b><br>Pengeluaran Coklat Buatan Tangan / <i>Handmade Chocolate Production</i><br>(30-12-2013) |  |
| <i>Level 1,2: No Job Title</i>                                |   |  |

| Area | Operasi Pengilangan Kelapa Sawit / <i>Palm Oil Milling Operation</i>  |
|------|---|
| L5   | <b>C104-001-5:2017</b><br>Pengurusan Pengilangan Kelapa Sawit / <i>Palm Oil Mill Management</i><br>(17-04-2003) (20-12-2011) (13-06-2017)                   |
| L4   | <b>C104-001-4:2017</b><br>Pengurusan Operasi Pengilangan Kelapa Sawit / <i>Palm Oil Mill Operation Management</i><br>(17-04-2003) (20-12-2011) (13-06-2017) |
| L3   | <b>C104-001-3:2017</b><br>Penyeliaan Proses Pengilangan Kelapa Sawit / <i>Palm Oil Mill Process Supervision</i><br>(17-04-2003) (20-12-2011) (13-06-2017)   |
| L2   | <b>C104-001-2:2017</b><br>Operasi Proses Pengilangan Kelapa Sawit / <i>Palm Oil Mill Process Operation</i><br>(17-04-2003) (20-12-2011) (13-06-2017)        |
|      | <i>Level 1: No Job Title</i>  |

| BAHAGIAN/DIVISION: C10<br>MANUFACTURE OF FOOD PRODUCTS | KUMPULAN/GROUP: C106<br>MANUFACTURE OF GRAIN MILL PRODUCTS, STARCHES AND STARCH PRODUCTS |
|--|--|
|--|--|

*(Refer general training prerequisite in NOSS document)*

| Area | Pengilangan Padi / <i>Paddy Factory</i>   |
|------|---|
|      | <i>Level 4,5: Not Available</i>   |
| L3   | <b>C106-001-3:2016</b><br>Penyeliaan Operasi Pengilangan Padi / <i>Paddy Milling Operation Supervision</i><br>(06-12-2016) (25-10-10) |
| L2   | <b>C106-001-2:2016</b><br>Operasi Pengilangan Padi / <i>Paddy Milling Operation</i><br>(06-12-2016) (25-10-10)                        |
|      | <i>Level 1: No Job Title</i>  |

| Area | Dapur - Pembakar Roti / <i>Kitchen - Bakery</i>   | Dapur - Pastrri / <i>Kitchen - Pastry</i>   |
|------|---|---|
| L5   | <b>HT-013-5:2012</b><br>Pengurusan Pastrri & Roti / <i>Pastry &amp; Bakery Management</i><br>(18-12-2012) |   |
| L4   | <b>HT-013-4:2012</b><br>Pengurusan Pastrri & Roti / <i>Pastry &amp; Bakery Management</i><br>(18-12-2012) |   |
| L3   | <b>HT-013-3:2011</b><br>Pembuatan Roti / <i>Bakery Production</i><br>(28-11-95) (20-12-2011)              | <b>HT-014-3:2011</b><br>Pembuatan Pastrri / <i>Pastry Production</i><br>(28-11-95) (20-12-2011) |
| L2   | <b>HT-013-2:2011</b><br>Pembuatan Roti / <i>Bakery Production</i><br>(28-11-95) (20-12-2011)              | <b>HT-014-2:2011</b><br>Pembuatan Pastrri / <i>Pastry Production</i><br>(28-11-95) (20-12-2011) |
|      | <i>Level 1: No Job Title</i>  |   |

| BAHAGIAN/DIVISION: C10<br>MANUFACTURE OF FOOD PRODUCTS | KUMPULAN/GROUP: C107<br>MANUFACTURE OF OTHER FOOD PRODUCTS |
|--|--|
|--|--|

*(Refer general training prerequisite in NOSS document)*

| Area | Pembungkusan Produk Makanan / <i>Food Product Packaging</i>   |
|------|---|
|      | <i>Level 4,5: Not Available</i>   |
| L3   | <b>C107-001-3:2017</b><br>Operasi Pembungkusan Produk Makanan Segar / <i>Fresh Food Product Packaging Operation</i><br>(28-03-2017) |
|      | <i>Level 1,2: No Job Title</i>  |



| <b>Area</b> | <b>Pemrosesan Makanan / Food Processing</b>  |
|-------------|--|
| <b>L5</b>   | <b>C107-002-5:2017</b><br>Pengurusan Pengeluaran Makanan / <i>Food Production Management</i><br>(28-08-2003) (28-03-2017)  |
| <b>L4</b>   | <b>C107-002-4:2017</b><br>Pentadbiran Operasi Pengeluaran Makanan / <i>Food Production Operation Administration</i><br>(28-08-2003) (28-03-2017)                       |
| <b>L3</b>   | <b>C107-002-3:2020</b><br>Pengeluaran Makanan (Pemrosesan) / <i>Food Production (Processing)</i><br>(10-10-2002) (02-04-2014) (03-09-2020)                             |
|             | <i>Level 1,2: No Job Title</i>   |
| <b>Area</b> | <b>Pembuatan Coklat / Chocolate Manufacturing</b>  |
|             | <i>Level 4,5: Not Available</i>  |
| <b>L3</b>   | <b>C107-003-3:2020</b><br>Penyeliaan Pengeluaran Coklat / <i>Chocolate Production Supervision</i><br>(03-09-2020)  |
| <b>L2</b>   | <b>C107-003-2:2020</b><br>Pengeluaran Coklat / <i>Chocolate Production</i><br>(03-09-2020)   |
|             | <i>Level 1: No Job Title</i>   |
| <b>Area</b> | <b>/ Food Floriculture &amp; Industrial Crop - Branding, Labelling &amp; Packaging</b>   |
|             | <i>Level 4,5: Not Available</i>  |
| <b>L3</b>   | <b>AF-012-3:2012</b><br>Operasi Pembungkusan Hasil Produk Pemrosesan Makanan / <i>Processed Food Product Packaging Operation (Semi/Finish Product)</i><br>(05-04-2012) |
| <b>L2</b>   | <b>AF-012-2:2012</b><br>Operasi Pembungkusan Hasil Produk Pemrosesan Makanan / <i>Processed Food Product Packaging Operation (Semi/Finish Product)</i><br>(05-04-2012) |
|             | <i>Level 1: No Job Title</i>   |
| <b>Area</b> | <b>Pemrosesan Herba / Food Floriculture &amp; Industrial Crop - Herbal Processing</b>  |
|             | <i>Level 4,5: Not Available</i>  |
| <b>L3</b>   | <b>AF-011-3:2012</b><br>Teknologi Pemrosesan Herba (Primer) / <i>Herbal Processing Technology (Primer)</i><br>(05-04-2012)   |
| <b>L2</b>   | <b>AF-011-2:2012</b><br>Teknologi Pemrosesan Herba (Primer) / <i>Herbal Processing Technology (Primer)</i><br>(05-04-2012)   |
|             | <i>Level 1: No Job Title</i>   |
| <b>Area</b> | <b>Pemrosesan Sarang Burung Walit / Livestock Husbandry- Production - Walit Bird Nest Processing</b>   |
|             | <i>Level 4,5: Not Available</i>  |
| <b>L3</b>   | <b>AF-063-3:2013</b><br>Pemrosesan Sarang Burung Walit / <i>Walit Bird Nest Processing</i><br>(29-07-13)   |
| <b>L2</b>   | <b>AF-063-2:2013</b><br>Pemrosesan Sarang Burung Walit / <i>Walit Bird Nest Processing</i><br>(29-07-13)   |
| <b>L1</b>   | <b>AF-063-1:2013</b><br>Pemrosesan Sarang Burung Walit / <i>Walit Bird Nest Processing</i><br>(29-07-13)   |

| <b>Area</b> | <b>Bioteknologi Perindustrian - Pengeluaran Bioproses - Pengekstrakan Herba / Industrial Biotech - Bioprocess Production - Herbal Extraction</b> |
|-------------|--|
| <b>L5</b>   | <b>BT-042-5:2011</b><br>Pengurusan Pemprosesan Herba / <i>Herbal Processing Management</i><br>(20-12-2011)                                       |
| <b>L4</b>   | <b>BT-042-4:2011</b><br>Pengurusan Pemprosesan Herba / <i>Herbal Processing Management</i><br>(20-12-2011)                                       |
| <b>L3</b>   | <b>BT-042-3</b><br>Penyelia Proses Herba / <i>Herbal Process Supervisor</i><br>(25-10-10)  |
| <b>L2</b>   | <b>BT-042-2</b><br>Pembantu Proses Herba / <i>Herbal Process Plant Assistant</i><br>(25-10-10)   |
| <b>L1</b>   | <b>BT-042-1</b><br>Operator Mesin Proses Herba / <i>Herbal Process Machine Operator</i><br>(25-10-10)  |

| <b>BAHAGIAN/DIVISION: C12</b><br><i>MANUFACTURE OF TOBACCO PRODUCTS</i> |   | <b>KUMPULAN/GROUP: C120</b><br><i>MANUFACTURE OF TOBACCO PRODUCTS</i> |  |
|---|---|---|--|
| <i>(Refer general training prerequisite in NOSS document)</i>           |   |   |  |
| <b>Area</b>   | <b>Kawalan Kualiti - Kenaf / Quality Control - Kenaf</b>  |   |  |
|   | <i>Level 4,5: Not Available</i>   |   |  |
| <b>L3</b>   | <b>C120-001-3:2020</b><br>Penyeliaan Kawalan Kualiti Kenaf / <i>Kenaf Quality Control Supervision</i><br>(03-09-2020) |   |  |
| <b>L2</b>   | <b>C120-001-2:2020</b><br>Pemeriksaan Kawalan Kualiti Kenaf / <i>Kenaf Quality Control Inspection</i><br>(03-09-2020) |   |  |
|   | <i>Level 1: No Job Title</i>  |   |  |

| <b>BAHAGIAN/DIVISION: C13</b><br><i>MANUFACTURE OF TEXTILES</i> |   | <b>KUMPULAN/GROUP: C131</b><br><i>SPINNING, WEAVING AND FINISHING OF TEXTILES</i> |  |
|---|---|---|--|
| <i>(Refer general training prerequisite in NOSS document)</i>   |   |   |  |
| <b>Area</b>   | <b>Jahitan Kreatif / Creative Sewing</b>  |   |  |
|   | <i>Level 4,5: Not Available</i>   |   |  |
| <b>L3</b>   | <b>C131-001-3:2016</b><br>Mereka Bentuk & Pengeluaran Jahitan Kreatif / <i>Creative Sewing Designing &amp; Production</i><br>(06-12-2016) (01-10-09)        |   |  |
|   | <i>Level 1,2: No Job Title</i>  |   |  |
| <b>Area</b>   | <b>Pencelupan dan Pengemasan / Dyeing and Finishing</b>   |   |  |
|   | <i>Level 4,5: Not Available</i>   |   |  |
| <b>L3</b>   | <b>C131-002-3:2017</b><br>Penyeliaan Operasi Pencelupan dan Pengemasan Tekstil / <i>Textile Dyeing and Finishing Operations Supervision</i><br>(28-03-2017) |   |  |
| <b>L2</b>   | <b>C131-002-2:2017</b><br>Operasi Pencelupan dan Pengemasan Tekstil / <i>Textile Dyeing and Finishing Operations</i><br>(28-03-2017)                        |   |  |
|   | <i>Level 1: No Job Title</i>  |   |  |

| <b>Area</b> |  | <b>Operasi Percetakan Pakaian / Apparel Printing Operation</b>  |                     |
|-------------|--|---|---------------------|
|             |  | <i>Level 4,5: Not Available</i>   |                     |
| <b>L3</b>   |  | <b>C131-003-3:2018</b><br>Penyelidikan & Operasi Percetakan Pakaian / Apparel Printing Operation & Supervision<br>(08-10-2018)                          |                     |
| <b>L2</b>   |  | <b>C131-003-2:2018</b><br>Operasi Percetakan Pakaian / Apparel Printing Operation<br>(08-10-2018)   |                     |
|             |  | <i>Level 1: No Job Title</i>  |                     |
| <b>Area</b> |  | <b>Tenunan Warisan / Heritage Weaving</b>   |                     |
|             |  | <i>Level 4,5: Not Available</i>   |                     |
| <b>L3</b>   |  | <b>C131-004-3:2023</b><br>Pengeluaran Tenunan Warisan / Heritage Weaving Production<br>(24-09-98)(17-12-98)(08-07-99)(19-07-2001)(23-06-2009)(8-5-2023) |                     |
|             |  | <i>Level 1,2: No Job Title</i>  |                     |
| <b>Area</b> |  | <b>Batik Canting /</b>  | <b>Batik Blok /</b> |
| <b>L5</b>   |  | <b>SS-100-5:2013</b><br>Pengurusan Pengeluaran Batik / Batik Production Management<br>(18-11-08) (30-12-2013)   |                     |
| <b>L4</b>   |  | <b>SS-100-4:2013</b><br>Pengeluaran Rekabentuk Batik / Batik Designing Production<br>(08-07-99) (19-07-01) (18-11-08) (30-12-2013)                      |                     |
| <b>L3</b>   |  | <b>SS-100-3:2013</b><br>Operasi Pengeluaran Batik / Batik Production Operation<br>(17-12-98) (08-07-99) (18-11-08) (30-12-2013)                         |                     |
|             |  | <i>Level 1: No Job Title</i>  |                     |
| <b>Area</b> |  | <b>/ Weft Knitting</b>  |                     |
|             |  | <i>Level 4,5: Not Available</i>   |                     |
| <b>L3</b>   |  | <b>TA-022-3:2014</b><br>Weft Knitting Supervision<br>(02-04-2014)   |                     |
| <b>L2</b>   |  | <b>TA-022-2:2014</b><br>Weft Knitting Operation<br>(02-04-2014)   |                     |
|             |  | <i>Level 1: No Job Title</i>  |                     |

| <b>BAHAGIAN/DIVISION: C14</b><br><b>MANUFACTURE OF WEARING APPAREL</b> |  | <b>KUMPULAN/GROUP: C141</b><br><b>MANUFACTURE OF WEARING, EXCEPT FUR APPAREL</b>  |  |
|--|--|---|--|
| <i>(Refer general training prerequisite in NOSS document)</i>          |  |   |  |
| <b>Area</b>  |  | <b>Men's Wear</b>   |  |
| <b>L5</b>  |  | <b>C141-006-5:2021</b><br>Reka Bentuk dan Pengurusan Pengeluaran Pakaian / Garment Design and Production Management<br>(19-12-2000) (24-04-2013) (29-10-2021) |  |
| <b>L4</b>  |  | <b>C141-006-4:2021</b><br>Operasi Pengeluaran Pakaian / Garment Production Operation<br>(19-12-2000) (24-04-2013) (29-10-2021)                                |  |
| <b>L3</b>  |  | <b>C141-001-3:2017</b><br>Penyelidikan dan Jahitan Pakaian Lelaki / Men's Tailoring and Supervision<br>(19-12-94) (16-07-98) (01-10-09) (28-03-2017)          |  |
| <b>L2</b>  |  | <b>C141-001-2:2017</b><br>Jahitan Pakaian Lelaki / Men's Tailoring<br>(19-12-94) (16-07-98) (01-10-09) (28-03-2017)   |  |
|  |  | <i>Level 1: No Job Title</i>  |  |

| <b>Area</b> | <b>Ladies Dressmaking</b>  |
|-------------|--|
| <b>L5</b>   | <b>C141-006-5:2021</b><br>Reka Bentuk dan Pengurusan Pengeluaran Pakaian / <i>Garment Design and Production Management</i><br>(19-12-2000) (24-04-2013) (29-10-2021) |
| <b>L4</b>   | <b>C141-006-4:2021</b><br>Operasi Pengeluaran Pakaian / <i>Garment Production Operation</i><br>(19-12-2000) (24-04-2013) (29-10-2021)                                |
| <b>L3</b>   | <b>C141-005-3:2021</b><br>Operasi Teknikal Pakaian Wanita / <i>Ladies Garment Technical Operation</i><br>(19-12-94) (16-07-98) (30-10-07) (18-12-2012) (23-02-2021)  |
| <b>L2</b>   | <b>C141-005-2:2021</b><br>Pembuatan Pakaian Wanita / <i>Ladies Garment Making</i><br>(19-12-94) (16-07-98) (30-10-07) (18-12-2012) (23-02-2021)                      |
|             | <i>Level 1: No Job Title</i>   |
| <b>Area</b> | <b>Children's Wear</b>   |
| <b>L5</b>   | <b>C141-006-5:2021</b><br>Reka Bentuk dan Pengurusan Pengeluaran Pakaian / <i>Garment Design and Production Management</i><br>(19-12-2000) (24-04-2013) (29-10-2021) |
| <b>L4</b>   | <b>C141-006-4:2021</b><br>Operasi Pengeluaran Pakaian / <i>Garment Production Operation</i><br>(19-12-2000) (24-04-2013) (29-10-2021)                                |
| <b>L3</b>   | <b>C141-007-3:2023</b><br>Operasi Teknikal Pembuatan Pakaian Kanak-Kanak / <i>Children's Wear Making Technical Operation</i><br>(8-5-2023)                           |
| <b>L2</b>   | <b>C141-007-2:2023</b><br>Pembuatan Pakaian Kanak-Kanak / <i>Children's Wear Making</i><br>(8-5-2023)  |
|             | <i>Level 1: No Job Title</i>   |
| <b>Area</b> | <b>Kejuruteraan Industri Pengeluaran Pakaian / Apparel Production Industrial Engineering</b>   |
| <b>L5</b>   | <b>C141-002-5:2018</b><br>Pengurusan Kejuruteraan Industri Pembuatan Pakaian / <i>Apparel Production Industrial Engineering Management</i><br>(08-10-2018)           |
| <b>L4</b>   | <b>C141-002-4:2018</b><br>Pengeoptimuman Kejuruteraan Industri Pembuatan Pakaian / <i>Apparel Production Industrial Engineering Optimisation</i><br>(08-10-2018)     |
| <b>L3</b>   | <b>C141-002-3:2017</b><br>Aplikasi Kejuruteraan Industri Pengeluaran Pakaian / <i>Apparel Production Industrial Engineering Application</i><br>(28-03-2017)          |
|             | <i>Level 1,2: No Job Title</i>   |
| <b>Area</b> | <b>Rekaan Sampel / Sample Making</b>   |
|             | <i>Level 4,5: Not Available</i>  |
| <b>L3</b>   | <b>C141-003-3:2017</b><br>Rekaan Sampel Pakaian / <i>Apparel Sample Making</i><br>(28-03-2017)   |
|             | <i>Level 1,2: No Job Title</i>   |
| <b>Area</b> | <b>/ Material Management</b>   |
|             | <i>Level 4,5: Not Available</i>  |
| <b>L3</b>   | <b>C141-004-3:2018</b><br>Perancangan & Penyeliaan Pembuatan Marker / <i>Marker Production Planning &amp; Supervision</i><br>(07-05-2018)                            |
| <b>L2</b>   | <b>C141-004-2:2018</b><br>Pembuatan Marker / <i>Marker Production</i><br>(07-05-2018)  |
|             | <i>Level 1: No Job Title</i>   |

|             |  |
|-------------|--|
| <b>Area</b> | <b>Makmal Tekstil / Textile Laboratory</b>   |
|             | <i>Level 4,5: Not Available</i>  |
| <b>L3</b>   | <b>TA-013-3:2014</b><br>Penyeliaan Operasi Makmal Tekstil / <i>Textile Laboratory Operation Supervision</i><br>(11-03-2008) (16-12-2014) |
| <b>L2</b>   | <b>TA-013-2:2014</b><br>Operasi Makmal Tekstil / <i>Textile Laboratory Operation</i><br>(11-03-2008) (16-12-2014)                        |
|             | <i>Level 1: No Job Title</i>   |
| <b>Area</b> | <b>Jahitan Industri / Industrial Sewing</b>  |
|             | <i>Level 4,5: Not Available</i>  |
| <b>L3</b>   | <b>TA-020-3:2014</b><br>Penyeliaan Operasi Jahitan / <i>Sewing Operation Supervision</i><br>(25-04-2005) (20-12-2011) (16-12-2014)       |
| <b>L2</b>   | <b>TA-020-2:2014</b><br>Operasi Jahitan / <i>Sewing Operation</i><br>(25-04-2005) (20-12-2011) (16-12-2014)                              |
|             | <i>Level 1: No Job Title</i>   |
| <b>Area</b> | <b>Bahagian Pembangunan Sampel / Sample Development Section</b>  |
|             | <i>Level 4,5: Not Available</i>  |
| <b>L3</b>   | <b>TA-021-3:2014</b><br>Rekabentuk & Penyediaan Pola Pakaian / <i>Apparel Pattern Design &amp; Construction</i><br>(02-04-2014)          |
| <b>L2</b>   | <b>TA-021-2:2014</b><br>Pembuatan Pola Pakaian / <i>Apparel Pattern Making</i><br>(02-04-2014)   |
|             | <i>Level 1: No Job Title</i>   |
| <b>Area</b> | <b>Kawalan Kualiti Pakaian / Apparel Quality Control</b>   |
|             | <i>Level 4,5: Not Available</i>  |
| <b>L3</b>   | <b>TA-023-3:2016</b><br>Pemeriksaan Kawalan Kualiti Pakaian / <i>Apparel Quality Control Inspection</i><br>(04-02-2016)                  |
| <b>L2</b>   | <b>TA-023-2:2016</b><br>Pemeriksaan Kawalan Kualiti Pakaian / <i>Apparel Quality Control Inspection</i><br>(04-02-2016)                  |
|             | <i>Level 1: No Job Title</i>   |
| <b>Area</b> | <b>Pemasaran Pakaian &amp; Perdagangan / Apparel Marketing &amp; Merchandising</b>   |
|             | <i>Level 4,5: Not Available</i>  |
| <b>L3</b>   | <b>TA-024-3:2016</b><br>Penyeliaan Operasi Perdagangan Pakaian / <i>Apparel Merchandising Operation Supervision</i><br>(04-02-2016)      |
| <b>L2</b>   | <b>TA-024-2:2016</b><br>Operasi Perdagangan Pakaian / <i>Apparel Merchandising Operation</i><br>(04-02-2016)                             |
|             | <i>Level 1: No Job Title</i>   |

| BAHAGIAN/DIVISION: C15<br>MANUFACTURE OF LEATHER AND RELATED PRODUCTS |   | KUMPULAN/GROUP: C151<br>TANNING AND DRESSING OF LEATHER, MANUFACTURE OF LUGGAGE, HANDBAGS, SADDLERY AND HARNESS, DRESSING AND DYEING OF FUR |
|---|---|---|
| <i>(Refer general training prerequisite in NOSS document)</i>         |   |   |
| Area  | Pembuatan Barangan Kulit-Beg / <i>Leather Goods Making-Bag</i>                          |   |
|   | <i>Level 4,5: Not Available</i>   |   |
| L3  | <b>SS-300-3:2012</b><br>Pembuatan Beg Kulit / <i>Leather Bag Making</i><br>(18-12-2012) |   |
| L2  | <b>SS-300-2:2012</b><br>Pembuatan Beg Kulit / <i>Leather Bag Making</i><br>(18-12-2012) |   |
| L1  | <b>SS-300-1:2012</b><br>Pembuatan Beg Kulit / <i>Leather Bag Making</i><br>(18-12-2012) |   |

| BAHAGIAN/DIVISION: C15<br>MANUFACTURE OF LEATHER AND RELATED PRODUCTS |   | KUMPULAN/GROUP: C152<br>MANUFACTURE OF FOOTWEAR |
|---|---|---|
| <i>(Refer general training prerequisite in NOSS document)</i>         |   |   |
| Area  | Pembuatan Barangan Kulit-Kasut / <i>Leather Goods Making-Footwear</i>                                   |   |
|   | <i>Level 4,5: Not Available</i>   |   |
| L3  | <b>SS-301-3:2012</b><br>Pembuatan Barangan Kulit-Kasut / <i>Leather Footwear Making</i><br>(18-12-2012) |   |
| L2  | <b>SS-301-2:2012</b><br>Pembuatan Barangan Kulit-Kasut / <i>Leather Footwear Making</i><br>(18-12-2012) |   |
| L1  | <b>SS-301-1:2012</b><br>Pembuatan Barangan Kulit-Kasut / <i>Leather Footwear Making</i><br>(18-12-2012) |   |

| BAHAGIAN/DIVISION: C16<br>MANUFACTURE OF WOOD AND PRODUCTS OF WOOD AND CORK, EXCEPT FURNITURE, MANUFACTURE OF ARTICLES OF STRAW AND PLAITING MATERIALS |  | KUMPULAN/GROUP: C161<br>SAWMILLING AND PLANING OF WOOD   |
|--|--|--|
| <i>(Refer general training prerequisite in NOSS document)</i>  |  |  |
| Area   | Proses / <i>Process</i>  | Penyudahan Kerja / <i>Finishing</i>  |
| L5   | <b>RB-054-5:2014</b><br>Pengurusan Operasi Pemesinan Kerja Kayu & Pengemasan / <i>Woodworking Machine &amp; Finishing Operation Management</i><br>(16-12-2014) |  |
| L4   | <b>RB-054-4:2014</b><br>Operasi Pemesinan Kerja Kayu / <i>Woodworking Machine Operation</i><br>(16-12-2014)  |  |
| L3   | <b>RB-071-3:2014</b><br>Operasi Mesin Kerja Kayu / <i>Woodworking Machine Operation</i><br>(10-12-10)(02-04-2014)  | <b>RB-072-3:2014</b><br>Operasi Penyudah Kerja / <i>Finishing Operation</i><br>(10-12-10) (02-04-2014) |
| L2   | <b>RB-071-2:2014</b><br>Operasi Mesin Kerja Kayu / <i>Woodworking Machine Operation</i><br>(10-12-10)(02-04-2014)  | <b>RB-072-2:2014</b><br>Operasi Penyudah Kerja / <i>Finishing Operation</i><br>(10-12-10) (02-04-2014) |
| <i>Level 1: No Job Title</i>   |  |  |

| <b>Area</b>                    | <b>/ Timber - Grading</b>  | <b>/ Timber - Drying</b>   | <b>/ Timber - Preservation</b>   |
|--------------------------------|--|--|--|
| <b>L5</b>                      | <b>RB-070-5:2013</b><br>Pengurusan Operasi Kayu / <i>Timber Operation Management</i><br>(24-04-2013) | <b>RB-073-5:2013</b><br>Pengurusan Rawatan Kayu / <i>Timber Treatment Management</i><br>(24-04-2013) |  |
| <b>L4</b>                      | <b>RB-070-4:2013</b><br>Operasi Kayu / <i>Timber Operation</i><br>(24-04-2013)                       | <b>RB-073-4:2013</b><br>Operasi Rawatan Kayu / <i>Timber Treatment Operation</i><br>(24-04-2013)     |  |
| <b>L3</b>                      | <b>RB-070-3:2012</b><br>Penggredan Kayu / <i>Timber Grading</i><br>(10-12-10) (18-12-2012)           | <b>RB-073-3:2013</b><br>Pengerangan Kayu / <i>Timber Drying</i><br>(24-04-2013)                      | <b>RB-074-3:2014</b><br>Pemuliharaan Kayu / <i>Timber Preservation</i><br>(02-04-2014) |
| <i>Level 1,2: No Job Title</i> |  |  |  |

| <b>BAHAGIAN/DIVISION: C17</b><br><i>MANUFACTURE OF PAPER AND PAPER PRODUCTS</i> |   | <b>KUMPULAN/GROUP: C170</b><br><i>MANUFACTURE OF PAPER AND PAPER PRODUCTS</i> |  |
|---|---|---|--|
| <i>(Refer general training prerequisite in NOSS document)</i>                   |   |   |  |
| <b>Area</b>   | <b>Pembungkusan Kertas - Pembuatan Pembungkusan Kotak Kertas / Paper Packaging - Paperboard Packaging Manufacturing</b> |   |  |
| <i>Level 4,5: Not Available</i>   |   |   |  |
| <b>L3</b>   | <b>PG-100-3:2012</b><br>Pembuatan Pembungkusan Kotak Kertas / <i>Paperboard Packaging Manufacturing</i><br>(18-12-2012) |   |  |
| <b>L2</b>   | <b>PG-100-2:2012</b><br>Pembuatan Pembungkusan Kotak Kertas / <i>Paperboard Packaging Manufacturing</i><br>(18-12-2012) |   |  |
| <b>L1</b>   | <b>PG-100-1:2012</b><br>Pembuatan Pembungkusan Kotak Kertas / <i>Paperboard Packaging Manufacturing</i><br>(18-12-2012) |   |  |

| <b>BAHAGIAN/DIVISION: C18</b><br><i>PRINTING AND REPRODUCING OF RECORDED MEDIA</i> |   | <b>KUMPULAN/GROUP: C181</b><br><i>PRINTING AND SERVICE ACTIVITIES RELATED TO PRINTING</i>     |  |
|--|---|---|--|
| <i>(Refer general training prerequisite in NOSS document)</i>                      |   |   |  |
| <b>Area</b>  | <b>Percetakan Digital / Digital Printing</b>  |   |  |
| <b>L5</b>  | <b>PR-020-5:2014</b><br>Pengurusan Operasi Percetakan / <i>Printing Operation Management</i><br>(20-06-97)(25-10-10)(02-04-2014)                      |   |  |
| <b>L4</b>  | <b>PR-020-4:2014</b><br>Pengurusan Operasi Percetakan / <i>Printing Operation Management</i><br>(20-06-97)(25-10-10)(02-04-2014)                      |   |  |
| <b>L3</b>  | <b>C181-001-3:2023</b><br>Produksi Percetakan Digital / <i>Digital Printing Production</i><br>(17-12-2005)(16-12-2014)(8-5-2023)                      | <b>PR-026-3:2014</b><br><i>Flexoprint (Corrugated) Production</i><br>(17-12-2005)(16-12-2014) |  |
| <b>L2</b>  | <b>C181-001-2:2023</b><br>Perkhidmatan Teknikal Percetakan Digital / <i>Digital Printing Technical Services</i><br>(17-12-2005)(16-12-2014)(8-5-2023) | <b>PR-026-2:2014</b><br><i>Flexoprint (Corrugated) Production</i><br>(17-12-2005)(16-12-2014) |  |
| <i>Level 1: No Job Title</i>   |   |   |  |

| <b>Area</b> |  |   |  |  |  | <b>Kerja Percetakan / Printing Works</b>   |  |   |  |   |  |
|-------------|--|---|--|--|--|--|--|---|--|---|--|
| <b>L5</b>   |  |   |  |  |  | <b>PR-020-5:2014</b><br>Pengurusan Operasi Percetakan / <i>Printing Operation Management</i><br>(20-06-97) (25-10-10) (02-04-2014) |  |   |  |   |  |
| <b>L4</b>   |  |   |  |  |  | <b>PR-020-4:2014</b><br>Pengurusan Operasi Percetakan / <i>Printing Operation Management</i><br>(20-06-97) (25-10-10) (02-04-2014) |  |   |  |   |  |
| <b>L3</b>   |  | <b>PR-010-3</b><br>Penyelia Pra-Cetak / <i>Pre Press Supervisor</i><br>(28-11-95) (08-01-2008)                |  | <b>PR-023-3:2012</b><br>Pengeluaran Litografi Ofset / <i>Offset Lithographic Production</i><br>(28-11-95) (07-10-99) (19-04-2001) (05-04-2012) |  | <b>PR-024-3:2012</b><br>Rekaan Grafik / <i>Graphic Design</i><br>(19-07-96) (19-04-2001) (05-04-2012)                              |  | <b>PR-022-3</b><br><i>Narrow Web Printing Supervisor</i><br>(25-10-10)      |  | <b>PR-021-3:2014</b><br>Pengeluaran `Post-Press` / <i>Post-Press Production</i><br>(19-07-96) (25-10-10) (02-04-2014) |  |
| <b>L2</b>   |  | <b>PR-010-2</b><br>Juruteknik Kanan Pra-Cetak / <i>Pre Press Senior Technician</i><br>(28-11-95) (08-01-2008) |  | <b>PR-023-2:2012</b><br>Pengeluaran Litografi Ofset / <i>Offset Lithographic Production</i><br>(28-11-95) (07-10-99) (19-04-2001) (05-04-2012) |  | <b>PR-024-2:2012</b><br><i>Desktop Publishing</i><br>(19-07-96) (19-04-2001) (05-04-2012)  |  | <b>PR-022-2</b><br><i>Senior Narrow Web Printing Pressman</i><br>(25-10-10) |  | <b>PR-021-2:2014</b><br>Pengeluaran `Post-Press` / <i>Post-Press Production</i><br>(19-07-96) (25-10-10) (02-04-2014) |  |
| <b>L1</b>   |  | <b>PR-010-1</b><br>Juruteknik Pra-Cetak / <i>Pre Press Technician</i><br>(28-11-95) (08-01-2008)              |  | <i>Level 1: No Job Title</i>   |  | <i>Level 1: No Job Title</i>   |  | <b>PR-022-1</b><br><i>Narrow Web Printing Pressman</i><br>(25-10-10)        |  | <i>Level 1: No Job Title</i>  |  |

| <b>BAHAGIAN/DIVISION: C19</b><br><i>MANUFACTURE OF COKE AND REFINED PETROLEUM PRODUCTS</i> |  |  |  |  |  | <b>KUMPULAN/GROUP: C192</b><br><i>MANUFACTURE OF REFINED PETROLEUM PRODUCTS</i>  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |
|--|--|--|--|--|--|--|--|--|--|--|--|---|--|--|--|--|--|--|--|--|--|--|--|
| <i>(Refer general training prerequisite in NOSS document)</i>                              |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |
| <b>Area</b>  |  |  |  |  |  |  |  |  |  |  |  | <b>Minyak, Gas &amp; Petrokimia / Oil, Gas and Petrochemical - Piping</b> |  |  |  |  |  |  |  |  |  |  |  |
| <b>L5</b>  |  |  |  |  |  | <b>OG-010-5:2012</b><br>Pengurusan Fabrikasi Paip (Minyak, Gas & Petrokimia) / <i>Piping Fabrication Management (Oil, Gas &amp; Petrochemical)</i><br>(18-12-2012) |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |
| <b>L4</b>  |  |  |  |  |  | <b>OG-010-4:2012</b><br>Pengurusan Fabrikasi Paip (Minyak, Gas & Petrokimia) / <i>Piping Fabrication Management (Oil, Gas &amp; Petrochemical)</i><br>(18-12-2012) |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |
| <b>L3</b>  |  |  |  |  |  | <b>OG-010-3:2011</b><br>Operasi Fabrikasi Paip (Minyak, Gas & Petrokimia) / <i>Piping Fabrication Operation (Oil, Gas &amp; Petrochemical)</i><br>(20-12-2011)     |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |
| <b>L2</b>  |  |  |  |  |  | <b>OG-010-2:2011</b><br>Operasi Fabrikasi Paip (Minyak, Gas & Petrokimia) / <i>Piping Fabrication Operation (Oil, Gas &amp; Petrochemical)</i><br>(20-12-2011)     |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |
| <i>Level 1: No Job Title</i>   |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |



| <b>Area</b> | <b>Loji Elektrik / Downstream - Electrical Plant</b>  |
|-------------|---|
| <b>L5</b>   | <b>C192-001-5:2017</b><br>Pengurusan Loji Teknikal (Elektrik) - Hiliran (Minyak, Gas & Petrokimia) / <i>Plant Technical Management (Electrical) - Downstream (Oil, Gas &amp; Petrochemical)</i><br>(28-03-2017)   |
| <b>L4</b>   | <b>C192-001-4:2017</b><br>Penyeliaan Loji Teknikal (Elektrik) - Hiliran (Minyak, Gas & Petrokimia) / <i>Plant Technical Supervision (Electrical) - Downstream (Oil, Gas &amp; Petrochemical)</i><br>(28-03-2017)  |
| <b>L3</b>   | <b>OG-013-3:2012</b><br>Operasi Loji Elektrik (Minyak, Gas & Petrokimia) / <i>Electrical Plant Operation (Oil, Gas &amp; Petrochemical)</i><br>(23-10-2012)   |
| <b>L2</b>   | <b>OG-013-2:2012</b><br>Operasi Loji Elektrik (Minyak, Gas & Petrokimia) / <i>Electrical Plant Operation (Oil, Gas &amp; Petrochemical)</i><br>(23-10-2012)   |
| <b>L1</b>   | <b>OG-013-1:2012</b><br>Operasi Loji Elektrik (Minyak, Gas & Petrokimia) / <i>Electrical Plant Operations (Oil, Gas &amp; Petrochemical)</i><br>(23-10-2012)  |
| <b>Area</b> | <b>Loji Instrumen / Downstream / Plant - Instrument Plant</b>   |
|             | <i>Level 4,5: Not Available</i>   |
| <b>L3</b>   | <b>OG-014-3:2012</b><br>Operasi Loji Instrumen (Minyak, Gas & Petrokimia) / <i>Instruments Plant Operations (Oil, Gas &amp; Petrochemical)</i><br>(23-10-2012)  |
| <b>L2</b>   | <b>OG-014-2:2012</b><br>Operasi Loji Instrumen (Minyak, Gas & Petrokimia) / <i>Instruments Plant Operations (Oil, Gas &amp; Petrochemical)</i><br>(23-10-2012)  |
| <b>L1</b>   | <b>OG-014-1:2012</b><br>Operasi Loji Instrumen (Minyak, Gas & Petrokimia) / <i>Instruments Plant Operations (Oil, Gas &amp; Petrochemical)</i><br>(23-10-2012)  |
| <b>Area</b> | <b>Loji Mekanikal / Downstream - Mechanical Plant</b>   |
| <b>L5</b>   | <b>C192-002-5:2017</b><br>Pengurusan Loji Teknikal (Mekanikal) - Hiliran (Minyak, Gas & Petrokimia) / <i>Plant Technical Management (Mechanical) - Downstream (Oil, Gas &amp; Petrochemical)</i><br>(28-03-2017)  |
| <b>L4</b>   | <b>C192-002-4:2017</b><br>Penyeliaan Loji Teknikal (Mekanikal) - Hiliran (Minyak, Gas & Petrokimia) / <i>Plant Technical Supervision (Mechanical) - Downstream (Oil, Gas &amp; Petrochemical)</i><br>(28-03-2017) |
| <b>L3</b>   | <b>OG-015-3:2012</b><br>Operasi Loji Mekanikal (Minyak, Gas & Petrokimia) / <i>Mechanical Plant Operations (Oil, Gas &amp; Petrochemical)</i><br>(23-10-2012)   |
| <b>L2</b>   | <b>OG-015-2:2012</b><br>Operasi Loji Mekanikal (Minyak, Gas & Petrokimia) / <i>Mechanical Plant Operations (Oil, Gas &amp; Petrochemical)</i><br>(23-10-2012)   |
| <b>L1</b>   | <b>OG-015-1:2012</b><br>Operasi Loji Mekanikal (Minyak, Gas & Petrokimia) / <i>Mechanical Plant Operations (Oil, Gas &amp; Petrochemical)</i><br>(23-10-2012)   |

| <b>Area</b> | <b>Operasi Letupan &amp; Penyalutan / <i>Blasting &amp; Painting Operation - Upstream Engineering</i></b>  |
|-------------|--|
| <b>L5</b>   | <b>OG-016-5:2013</b><br>Pengurusan Operasi Letupan & Penyalutan (Minyak, Gas & Petrokimia) / <i>Blasting &amp; Coating Operation Management (Oil, Gas &amp; Petrochemical)</i><br>(30-12-2013) |
| <b>L4</b>   | <b>OG-016-4:2013</b><br>Pengurusan Operasi Letupan & Penyalutan (Minyak, Gas & Petrokimia) / <i>Blasting &amp; Coating Operation Management (Oil, Gas &amp; Petrochemical)</i><br>(30-12-2013) |
| <b>L3</b>   | <b>F433-004-3:2018</b><br>Pengawasan Operasi Pembagasan Dan Pengecatan / <i>Blasting and Painting Operation Supervision</i><br>(17-07-2012) (18-12-2012) (08-10-2018)                          |
| <b>L2</b>   | <b>F433-004-2:2018</b><br>Operasi Pembagasan Dan Pengecatan / <i>Blasting and Painting Operation</i><br>(17-07-2012) (18-12-2012) (08-10-2018)   |
|             | <i>Level 1: No Job Title</i>   |
| <b>Area</b> | <b>Pemeriksaan Letupan &amp; Penyalutan / <i>Blasting &amp; Painting Inspection - Upstream Engineering</i></b>   |
| <b>L5</b>   | <b>OG-023-5:2013</b><br>Pengurusan Pemeriksaan Letupan& Penyalutan / <i>Blasting &amp; Coating Inspection Management</i><br>(30-12-2013)   |
| <b>L4</b>   | <b>OG-023-4:2013</b><br>Pengurusan Pemeriksaan Letupan& Penyalutan / <i>Blasting &amp; Coating Inspection Management</i><br>(30-12-2013)   |
| <b>L3</b>   | <b>OG-023-3:2013</b><br>Pemeriksaan Letupan& Penyalutan / <i>Blasting &amp; Coating Inspection</i><br>(30-12-2013)   |
|             | <i>Level 1,2: No Job Title</i>   |
| <b>Area</b> | <b>Operasi &amp; Penyelenggaraan Hiliran – Instrumentasi &amp; Kawalan/ <i>Downstream Operations &amp; Maintenance - Instrumentation &amp; Control</i></b>                                     |
| <b>L5</b>   | <b>C192-003-5:2017</b><br>Pengurusan Penyelenggaraan Instrumentasi & Kawalan / <i>Instrumentation &amp; Control Maintenance management</i><br>(13-06-2017)                                     |
| <b>L4</b>   | <b>C192-003-4:2017</b><br>Penyeliaan Penyelenggaraan Instrumentasi / <i>Instrumentation Maintenance Supervision</i><br>(13-06-2017)  |
|             | <i>Level 1,2,3: No Job Title</i>   |
| <b>Area</b> | <b>/ <i>Downstream Construction &amp; Engineering - Instrumentation &amp; Control</i></b>  |
| <b>L5</b>   | <b>C192-004-5:2018</b><br>Pengurusan Pembinaan QMI / <i>QMI Construction Management</i><br>(06-02-2018)  |
| <b>L4</b>   | <b>C192-004-4:2018</b><br>Penyeliaan Pembinaan QMI / <i>QMI Construction Supervision</i><br>(06-02-2018)   |
|             | <i>Level 3: Not Available</i>  |
|             | <i>Level 1,2: No Job Title</i>   |

| Area | / Downstream Operations & Maintenance – Rotating Equipment   |
|------|--|
| L5   | C192-005-5:2019<br>Pengurusan Senggara “Rotating Equipment” / <i>Rotating Equipment Maintenance Management</i><br>(30-01-2019)   |
| L4   | C192-005-4:2019<br>Penyeliaan Senggara “Rotating Equipment” / <i>Rotating Equipment Maintenance Supervision</i><br>(30-01-2019)  |
| L3   | C192-005-3:2018<br>Operasi Senggara "Rotating Equipment" / <i>Rotating Equipment Maintenance Operations</i><br>(06-02-2018)  |
| L2   | C192-005-2:2018<br>Operasi Senggara "Rotating Equipment" / <i>Rotating Equipment Maintenance Operations</i><br>(06-02-2018)  |
|      | <i>Level 1: No Job Title</i>   |
| Area | / Downstream Operations & Maintenance – Static Equipment   |
|      | <i>Level 4,5: Not Available</i>  |
| L3   | C192-006-3:2019<br>Operasi Penyelenggaraan Peralatan Statik (Minyak & Gas) / <i>Static Equipment Maintenance Operations (Oil &amp; Gas)</i><br>(30-01-2019)                  |
| L2   | C192-006-2:2019<br>Sokongan Operasi Penyelenggaraan Peralatan Statik (Minyak & Gas) / <i>Static Equipment Maintenance Operations Support (Oil &amp; Gas)</i><br>(30-01-2019) |
|      | <i>Level 1: No Job Title</i>   |

| BAHAGIAN/DIVISION: C20<br>MANUFACTURE OF CHEMICALS AND CHEMICALS PRODUCTS |  | KUMPULAN/GROUP: C201<br>MANUFACTURE OF BASIC CHEMICALS, FERTILIZERS AND NITROGEN COMPOUNDS, PLASTICS AND SYNTHETIC RUBBER IN PRIMARY FORMS |  |
|---|--|--|--|
| <i>(Refer general training prerequisite in NOSS document)</i>             |  |  |  |
| Area  | Bioteknologi Perindustrian - Pengeluaran Bioproses (Pengekstrakan Polimer Bio) / <i>Industrial Biotech - Bioprocess Production (Biopolymer Extraction)</i> |  |  |
| L5  | BT-044-5:2014<br>Pengurusan Polimerisasi Bio / <i>Biopolymerisation Management</i><br>(2015-12-11)   |  |  |
| L4  | BT-044-4:2014<br>Pentadbiran Polimerisasi Bio / <i>Biopolymerisation Administration</i><br>(2015-12-04)  |  |  |
| L3  | BT-044-3:2014<br>Penyelenggaraan Operasi Polimerisasi Bio / <i>Biopolymerisation Operations Supervision</i><br>(16-12-2014)                                |  |  |
| L2  | BT-044-2:2014<br>Operasi Polimerisasi Bio / <i>Biopolymerisation Operations</i><br>(16-12-2014)  |  |  |
|   | <i>Level 1: No Job Title</i>   |  |  |
| Area  | / Specialty Chemical   |  |  |
|   | <i>Level 4,5: Not Available</i>  |  |  |
| L3  | CM-081-3:2014<br>Penyeliaan Pengeluaran Kalsium Nitrat / <i>Calcium Nitrate Production Supervision</i><br>(16-12-2014)                                     |  |  |
| L2  | CM-081-2:2014<br>Operasi Pengeluaran Kalsium Nitrat / <i>Calcium Nitrate Production Operation</i><br>(16-12-2014)  |  |  |
|   | <i>Level 1: No Job Title</i>   |  |  |

| <b>Area</b> | <b>Baja / Fertilizer</b>   |
|-------------|--|
| <b>L5</b>   | <b>CM-080-5:2016</b><br>Pengurusan Pengeluaran Baja Sebatian / <i>Compound Fertilizer Production Management</i><br>(04-02-2016)      |
| <b>L4</b>   | <b>CM-080-4:2016</b><br>Pentadbiran Pengeluaran Baja Sebatian / <i>Compound Fertilizer Production Administration</i><br>(04-02-2016) |
| <b>L3</b>   | <b>CM-080-3:2014</b><br>Kawalan Pengeluaran Baja Sebatian / <i>Compound Fertilizer Production Control</i><br>(16-12-2014)            |
| <b>L2</b>   | <b>CM-080-2:2014</b><br>Operasi Pengeluaran Baja Sebatian / <i>Compound Fertilizer Production Operation</i><br>(16-12-2014)          |
|             | <i>Level 1: No Job Title</i>   |

| <b>BAHAGIAN/DIVISION: C21</b><br><i>MANUFACTURE OF BASIC PHARMACEUTICAL PRODUCTS AND PHARMACEUTICAL PREPARATIONS</i> | <b>KUMPULAN/GROUP: C210</b><br><i>MANUFACTURE OF PHARMACEUTICALS, MEDICINAL CHEMICAL AND BOTANICAL PRODUCTS</i> |
|--|---|
|--|---|

*(Refer general training prerequisite in NOSS document)*

| <b>Area</b> | <b>Bioteknologi Perindustrian - Pengeluaran Bioproses ( Fermentasi &amp; Mikrobiologi) / Industrial Biotech - Bioprocessing Production (Fermentation &amp; Microbiology)</b> |
|-------------|--|
| <b>L5</b>   | <b>BT-041-5:2011</b><br>Pengurusan Fermentasi Bioproses / <i>Bioprocess Fermentation Management</i><br>(20-12-2011)  |
| <b>L4</b>   | <b>BT-041-4:2011</b><br>Pengurusan Fermentasi Bioproses / <i>Bioprocess Fermentation Management</i><br>(20-12-2011)  |
| <b>L3</b>   | <b>BT-041-3</b><br>Penyelia Bioproses / <i>Bioprocess Supervisor</i><br>(25-10-10)   |
| <b>L2</b>   | <b>BT-041-2</b><br>Pembantu Bioproses / <i>Bioprocess Plant Assistant</i><br>(25-10-10)  |
| <b>L1</b>   | <b>BT-041-1</b><br>Operator Mesin Bioproses / <i>Bioprocess Machine Operator</i><br>(25-10-10)   |

| <b>Area</b> | <b>Bioteknologi Perindustrian / Industrial Biotech - Enzymatic Bioconversion</b>      |
|-------------|---|
| <b>L5</b>   | <b>BT-043-5:2014</b><br><i>Enzymatic Bioconversion Management</i><br>(02-04-2014)     |
| <b>L4</b>   | <b>BT-043-4:2014</b><br><i>Enzymatic Bioconversion Administration</i><br>(02-04-2014) |
| <b>L3</b>   | <b>BT-043-3:2014</b><br><i>Enzymatic Bioconversion Operation</i><br>(02-04-2014)      |
|             | <i>Level 1,2: No Job Title</i>  |

| <b>Area</b> | <b>/ General Medical Devices (GMD)</b>  | <b>/ Active Implantable Medical Devices (AIMD)</b> | <b>/ In-Vitro Diagnostic Medical Devices (IVDMD)</b> |
|-------------|---|--|--|
| <b>L5</b>   | <b>C210-001-5:2017</b><br>Pengurusan Pengeluaran Alat Perubatan / <i>Medical Devices Production Management</i><br>(28-03-2017)  |  |  |
| <b>L4</b>   | <b>C210-001-4:2017</b><br>Kawalan Operasi Pengeluaran Alat Perubatan / <i>Medical Devices Production Operations Control</i><br>(28-03-2017)                                     |  |  |
| <b>L3</b>   | <b>C210-001-3:2017</b><br>Penyeliaan Operasi Pengeluaran Alat Perubatan / <i>Medical Devices Production Operations Supervision</i><br>(28-03-2017)                              |  |  |
| <b>L2</b>   | <b>C210-001-2:2017</b><br>Operasi Pengeluaran Alat Perubatan / <i>Medical Devices Production Operations</i><br>(28-03-2017)   |  |  |
|             | <i>Level 1: No Job Title</i>  |  |  |
| <b>Area</b> | <b><i>Pharmaceutical Manufacturing Operations Engineering Facilities</i></b>  |  |  |
|             | <i>Level 4,5: Not Available</i>   |  |  |
| <b>L3</b>   | <b>C210-002-3:2023</b><br>Penyelenggaraan Prasarana Kejuruteraan Pembuatan Farmaseutikal / <i>Pharmaceutical Manufacturing Engineering Facilities Maintenance</i><br>(8-5-2023) |  |  |
| <b>L2</b>   | <b>C210-002-2:2023</b><br>Penyelenggaraan Prasarana Kejuruteraan Pembuatan Farmaseutikal / <i>Pharmaceutical Manufacturing Engineering Facilities Maintenance</i><br>(8-5-2023) |  |  |
|             | <i>Level 1: No Job Title</i>  |  |  |
| <b>Area</b> | <b><i>Pengeluaran Dalam Bentuk Pepejal / Solid Dosage Form Production</i></b>   |  |  |
|             | <i>Level 4,5: Not Available</i>   |  |  |
| <b>L3</b>   | <b>MP-040-3:2014</b><br>Penyeliaan Pengeluaran Farmaseutikal (Bentuk Pepejal) / <i>Pharmaceutical Production Supervision (Solid Dosage Form)</i><br>(16-12-2014)                |  |  |
| <b>L2</b>   | <b>MP-040-2:2014</b><br>Operasi Pengeluaran Farmaseutikal (Bentuk Pepejal) / <i>Pharmaceutical Production Operation (Solid Dosage Form)</i><br>(16-12-2014)                     |  |  |
|             | <i>Level 1: No Job Title</i>  |  |  |
| <b>Area</b> | <b><i>Pengeluaran Dalam Bentuk Separa Pepejal &amp; Cecair / Semi Solid &amp; Liquid Dosage Form Production</i></b>   |  |  |
|             | <i>Level 4,5: Not Available</i>   |  |  |
| <b>L3</b>   | <b>MP-043-3:2015</b><br>Operasi Pengeluaran Farmaseutikal (Separa Pepejal & Cecair) / <i>Pharmaceutical Production Operation (Semi Solid &amp; Liquid)</i><br>(31-03-2015)      |  |  |
|             | <i>Level 1,2: No Job Title</i>  |  |  |

| BAHAGIAN/DIVISION: C22<br>MANUFACTURE OF RUBBER AND PLASTICS PRODUCTS |   | KUMPULAN/GROUP: C221<br>MANUFACTURE OF RUBBER PRODUCTS   |  |
|---|---|--|--|
| <i>(Refer general training prerequisite in NOSS document)</i>         |   |  |  |
| Area  | Getah Standard Malaysia / Standard Malaysian Rubber -SMR  |  |  |
|   | Production / Pengeluaran  | QA/QC  | Rawatan Efluen / Effluent Treatment  |
| L5  | <b>RB-010-5:2016</b><br>Pengurusan Operasi SMR /<br>Standard Malaysian Rubber (SMR)<br>Operation Management<br>(04-02-2016) | <i>Level 5: Not Available</i>  | <i>Level 5: Not Available</i>  |
| L4  | <b>RB-010-4:2016</b><br>Kawalan Pengeluaran SMR /<br>Standard Malaysian Rubber (SMR)<br>Production Control<br>(04-02-2016)  | <i>Level 4: Not Available</i>  | <i>Level 4: Not Available</i>  |
| L3  | <b>RB-010-3:2014</b><br>Pengeluaran SMR / Standard<br>Malaysian Rubber (SMR) Production<br>(24-03-09) (25-09-2014)          | <b>RB-011-3</b><br>Penyelia Makmal DRC / Dry Rubber<br>Content (DRC) Laboratory<br>Supervisor<br>(24-03-09)  | <b>RB-012-3:2014</b><br>Operasi Loji Rawatan Efluen Getah<br>& Minyak Kelapa Sawit / Rubber &<br>Palm Oil Effluent Treatment Plant<br>Operation<br>(24-03-09) (25-09-2014) |
| <i>Level 1,2: No Job Title</i>  |   |  |  |
| Area  | Dipping / Dipping   | Penyebatian Lateks /<br>Latex Compounding  | Jaminan Kualiti Getah /<br>Rubber Quality Assurance  |
| L5  | <i>Level 5: Not Available</i>   | <b>RB-013-5:2016</b><br>Pentadbiran Pengeluaran<br>Penyebatian Lateks / Latex<br>Compounding Production<br>Administration<br>(23-06-09) (04-02-2016) | <b>RB-014-5</b><br>Pengurus Jaminan Kualiti Getah /<br>Rubber Quality Assurance Manager<br>(23-06-09)  |
| L4  | <i>Level 4: Not Available</i>   | <b>RB-013-4:2016</b><br>Pentadbiran Pengeluaran<br>Penyebatian Lateks / Latex<br>Compounding Production<br>Administration<br>(23-06-09) (04-02-2016) | <b>RB-014-4</b><br>Eksekutif Jaminan Kualiti Getah /<br>Rubber Quality Assurance Executive<br>(23-06-09)   |
| L3  | <b>RB-020-3</b><br>Penyelia Dipping Line / Dipping<br>Line Supervisor<br>(24-03-09)   | <b>RB-013-3:2016</b><br>Kawalan Pengeluaran Penyebatian<br>Lateks / Latex Compounding<br>Production Control<br>(23-06-09) (24-05-2016)               | <b>RB-014-3</b><br>Penyelia Jaminan Kualiti Getah /<br>Rubber Quality Assurance Supervisor<br>(23-06-09)   |
| L2  | <b>RB-020-2</b><br>Line Leader Dipping / Dipping Line<br>Leader<br>(24-03-09)   | <b>RB-013-2:2016</b><br>Operasi Pengeluaran Penyebatian<br>Lateks / Latex Compounding<br>Production Operation<br>(23-06-09) (24-05-2016)             | <b>RB-014-2</b><br>Inspektor Jaminan Kualiti Getah /<br>Rubber Quality Assurance Inspector<br>(23-06-09)   |
| L1  | <b>RB-020-1</b><br>Lineman-Dipping / Dipping<br>Lineman<br>(24-03-09)   | <i>Level 1: No Job Title</i>   | <i>Level 1: No Job Title</i>   |

| Area | <b>Pembuatan Getah Kering / Dry Rubber Manufacturing</b>   |
|------|--|
| L5   | <b>C221-001-5:2020</b><br>Pengurusan Pembuatan Produk Getah Kering / <i>Dry Rubber Product Manufacturing Management</i><br>(03-09-2020)      |
| L4   | <b>C221-001-4:2020</b><br>Pentadbiran Pembuatan Produk Getah Kering / <i>Dry Rubber Product Manufacturing Administration</i><br>(03-09-2020) |
| L3   | <b>RB-021-3:2014</b><br>Operasi Pembuatan Getah Kering / <i>Dry Rubber Manufacturing Operation</i><br>(02-04-2014)                           |
|      | <i>Level 1,2: No Job Title</i>   |

| <b>BAHAGIAN/DIVISION: C22</b><br><i>MANUFACTURE OF RUBBER AND PLASTICS PRODUCTS</i> | <b>KUMPULAN/GROUP: C222</b><br><i>MANUFACTURE OF PLASTICS PRODUCTS</i> |
|---|--|
|---|--|

*(Refer general training prerequisite in NOSS document)*

| Area | <b>Penyemperitan Plastik / Plastics Film Extrusion</b>   |
|------|--|
| L5   | <b>C222-001-5:2017</b><br>Pengurusan Penyemperitan Plastik / <i>Plastics Film Extrusion Management</i><br>(27-11-2017)                                     |
| L4   | <b>C222-001-4:2017</b><br>Pemprosesan dan Pentadbiran Penyemperitan Plastik / <i>Plastics Film Extrusion Processing and Administration</i><br>(27-11-2017) |
| L3   | <b>C222-001-3:2017</b><br>Penyeliaan & Kawalan Penyemperitan Plastik / <i>Plastics Film Extrusion Process Supervision &amp; Control</i><br>(27-11-2017)    |
| L2   | <b>C222-001-2:2017</b><br>Operasi Proses Penyemperitan Plastik / <i>Plastics Film Extrusion Process Operation</i><br>(27-11-2017)                          |
|      | <i>Level 1: No Job Title</i>   |

| Area | <b>Pengurusan Kualiti Produk Plastik / Plastics Product Quality Management</b>   |
|------|--|
| L5   | <b>C222-002-5:2019</b><br>Pengurusan Jaminan Kualiti Pengeluaran Plastik / <i>Plastics Production Quality Assurance Management</i><br>(30-01-2019)   |
| L4   | <b>C222-002-4:2019</b><br>Pelaksanaan Jaminan Kualiti Pengeluaran Plastik / <i>Plastics Production Quality Assurance Implementation</i><br>(30-01-2019)  |
| L3   | <b>C222-002-3:2019</b><br>Penyeliaan & Kawalan Operasi Pemeriksaan Pengeluaran Kualiti Plastik / <i>Plastics Production Quality Inspection Operation Supervision &amp; Control</i><br>(30-01-2019) |
| L2   | <b>C222-002-2:2019</b><br>Operasi Pemeriksaan Kualiti Pengeluaran Plastik / <i>Plastics Production Quality Inspection Operation</i><br>(30-01-2019)  |
|      | <i>Level 1: No Job Title</i>   |

| Area | <b>Pembungkusan Mesra Alam / Eco Packaging</b>   |
|------|--|
|      | <i>Level 4,5: Not Available</i>  |
| L3   | <b>C222-003-3:2019</b><br>Operasi Pengeluaran Pembungkusan Mesra Alam / <i>Eco Packaging Production Operations</i><br>(07-08-2019) |
|      | <i>Level 1,2: No Job Title</i>   |

| Area | Filem OPP / OPP Filem   |                               |                                     |                               |  |  |
|------|---|-------------------------------|-------------------------------------|-------------------------------|--|--|
|      | <i>Level 4,5: Not Available</i>   |                               |                                     |                               |  |  |
| L3   | <b>PG-090-3</b><br>Penyelia Pengeluaran Plastik – OPP Filem / <i>Plastic Production Supervisor – OPP Filem</i><br>(25-10-10)        |                               |                                     |                               |  |  |
| L2   | <b>PG-090-2</b><br>Juruteknik Pengeluaran Plastik – OPP Filem / <i>Plastic Production Technician – OPP Filem</i><br>(25-10-10)      |                               |                                     |                               |  |  |
|      | <i>Level 1: No Job Title</i>  |                               |                                     |                               |  |  |
| Area | Termoset / <i>Thermoset</i>   |                               | Termoplastik / <i>Thermoplastic</i> |                               |  |  |
|      | Pengacuan / <i>Injection</i>  | Mampatan / <i>Compression</i> | Penyemperitan / <i>Extrusion</i>    | Putaran / <i>Rotation</i>     | Suntikan / <i>Injection</i>  | Tiupan / <i>Blow</i>   |
| L5   | <b>MC-100-5:2012</b><br>Pengurusan Pengeluaran Plastik / <i>Plastic Production Management</i><br>(16-12-99) (18-11-08) (18-12-2012) |                               |                                     |                               |  |  |
| L4   | <b>MC-100-4:2012</b><br>Teknologi Pengeluaran Plastik / <i>Plastic Production Technology</i><br>(16-12-99) (18-11-08) (18-12-2012)  |                               |                                     |                               |  |  |
| L3   | <b>MC-100-3:2012</b><br>Operasi Pengeluaran Plastik / <i>Plastic Production Operation</i><br>(17-12-98) (18-11-08) (18-12-2012)     |                               | <i>Level 3: Not Available</i>       | <i>Level 3: Not Available</i> | <b>MC-101-3:2015</b><br>Penyeliaan Operasi Suntikan Acuan Plastik / <i>Plastic Injection Moulding Operation Start Up Supervision</i><br>(17-12-98) (18-11-08) (31-03-2015) | <b>MC-102-3:2015</b><br>Penyeliaan Operasi Tiupan Acuan Plastik & Penyelenggaraan / <i>Plastic Blow Moulding Operation &amp; Maintenance Supervision</i><br>(17-12-98) (18-11-08) (31-03-2015) |
| L2   | <i>Level 2: No Job Title</i>  | <i>Level 2: No Job Title</i>  | <i>Level 2: Not Available</i>       | <i>Level 2: Not Available</i> | <b>MC-101-2:2015</b><br>Operasi Suntikan Acuan Plastik / <i>Plastic Injection Moulding Operation Start Up</i><br>(17-12-98) (18-11-08) (31-03-2015)                        | <b>MC-102-2:2015</b><br>Operasi Tiupan Acuan Plastik & Penyelenggaraan / <i>Plastic Blow Moulding Operation &amp; Maintenance</i><br>(17-12-98) (18-11-08) (31-03-2015)                        |
|      | <i>Level 1: No Job Title</i>  |                               |                                     |                               |  |  |

| BAHAGIAN/DIVISION: C23<br>MANUFACTURE OF OTHER NON-METALLIC MINERAL PRODUCTS |   |  | KUMPULAN/GROUP: C239<br>MANUFACTURE OF NON-METALLIC MINERAL PRODUCTS<br>n.e.c |  |  |
|--|---|--|---|--|--|
| <i>(Refer general training prerequisite in NOSS document)</i>                |   |  |   |  |  |
| Area   | Pembuatan Konkrit Pratuang/ <i>Precast Concrete Manufacturing</i>   |  |   |  |  |
|  | <i>Level 4,5: Not Available</i>   |  |   |  |  |
| L3   | <b>C239-001-3:2016</b><br>Penyeliaan Operasi Pembuatan Konkrit Pratuang / <i>Precast Concrete Manufacturing Operation Supervision</i><br>(06-12-2016) |  |   |  |  |
| L2   | <b>C239-001-2:2016</b><br>Operasi Pembuatan Konkrit Pratuang / <i>Precast Concrete Manufacturing Operation</i><br>(06-12-2016)                        |  |   |  |  |
|  | <i>Level 1: No Job Title</i>  |  |   |  |  |



| <i>Area</i>                     | <i>/ Design</i>  | <i>/ Raw Material</i> | <i>/ Production</i> | <i>/ Mould Dept</i>   | <i>/ Decoration &amp; Glazing</i> | <i>/ Firing</i> |
|---------------------------------|--|-----------------------|---------------------|---|-----------------------------------|-----------------|
| <i>Level 4,5: Not Available</i> |  |                       |                     |   |                                   |                 |
| <b>L3</b>                       | <b>C239-002-3:2016</b><br>Penyelaaan Operasi Pengeluaran Seramik / <i>Ceramic Production Operation Supervision</i><br>(06-12-2016) (18-11-11)                      |                       |                     |   |                                   |                 |
| <b>L2</b>                       | <b>C239-002-2:2016</b><br>Operasi Pengeluaran Seramik / <i>Ceramic Production Operation</i><br>(06-12-2016) (18-11-11)   |                       |                     |   |                                   |                 |
| <i>Level 1: No Job Title</i>    |  |                       |                     |   |                                   |                 |
| <b>Area</b>                     | <b>Komposit / Composite-Non Aerospace</b>  |                       |                     |   |                                   |                 |
| <b>L5</b>                       | <b>MT-011-5:2014</b><br>Teknologi Pembuatan Komposit / <i>Composite Manufacturing Technology</i><br>(10-12-10) (25-09-2014)  |                       |                     |   |                                   |                 |
| <b>L4</b>                       | <b>MT-011-4:2014</b><br>Teknologi Pembuatan Komposit / <i>Composite Manufacturing Technology</i><br>(10-12-10) (25-09-2014)  |                       |                     |   |                                   |                 |
| <b>L3</b>                       | <b>MT-011-3:2014</b><br>Teknologi Pembuatan Komposit / <i>Composite Manufacturing Technology</i><br>(6-3-2007) (25-09-2014)  |                       |                     |   |                                   |                 |
| <b>L2</b>                       | <b>MT-011-2:2014</b><br>Pembuatan Komposit / <i>Composite Production</i><br>(6-3-2007) (25-09-2014)  |                       |                     |   |                                   |                 |
| <i>Level 1: No Job Title</i>    |  |                       |                     |   |                                   |                 |
| <b>Area</b>                     | <b>Seramik / Ceramic</b>   |                       |                     | <b>Seni Kraf Seramik / Ceramic Craft</b>  |                                   |                 |
| <b>L5</b>                       | <b>MT-020-5:2016</b><br>Pengurusan Pengeluaran Seramik Termaju / <i>Advanced Ceramic Production Management</i><br>(19-4-2011) (24-05-2016)                         |                       |                     | <b>SS-023-5:2013</b><br>Pengurusan Pengeluaran Kraf Seramik / <i>Ceramic Craft Production Management</i><br>(30-12-2013)      |                                   |                 |
| <b>L4</b>                       | <b>MT-020-4:2016</b><br>Pentadbiran Teknikal Pengeluaran Seramik Termaju / <i>Advanced Ceramic Production Technical Administration</i><br>(19-4-2011) (24-05-2016) |                       |                     | <b>SS-023-4:2013</b><br>Pentadbiran Pengeluaran Kraf Seramik / <i>Ceramic Craft Production Administration</i><br>(30-12-2013) |                                   |                 |
| <b>L3</b>                       | <b>MT-020-3:2014</b><br>Pengeluaran Seramik Lanjutan / <i>Advanced Ceramic Production</i><br>(17-12-2005) (25-09-2014)   |                       |                     | <b>SS-023-3:2013</b><br>Pengeluaran Kraf Seramik / <i>Ceramic Craft Production</i><br>(19-06-2003) (30-12-2013)               |                                   |                 |
| <i>Level 1,2: No Job Title</i>  |  |                       |                     |   |                                   |                 |

| <b>BAHAGIAN/DIVISION: C24</b><br><i>MANUFACTURE OF BASIC METALS</i> |  |  |  | <b>KUMPULAN/GROUP: C241</b><br><i>MANUFACTURE OF BASIC IRON AND STEEL</i> |  |  |
|---|--|--|--|---|--|--|
| <i>(Refer general training prerequisite in NOSS document)</i>       |  |  |  |   |  |  |
| <b>Area</b>   | <b>Pembuatan Keluli / Forming</b>  |  |  |   |  |  |
| <b>L5</b>   | <b>C241-001-5:2017</b><br>Pengurusan Teknikal Pembuatan Pembentukan Keluli ( <i>Forming</i> ) / <i>Forming Production Technical Management</i><br>(28-03-2017)           |  |  |   |  |  |
| <b>L4</b>   | <b>C241-001-4:2017</b><br>Pelaksanaan Dan Kawalan Pembuatan Pembentukan Keluli ( <i>Forming</i> ) / <i>Forming Production Implementation And Control</i><br>(28-03-2017) |  |  |   |  |  |
| <b>L3</b>   | <b>C241-001-3:2017</b><br>Penyelaaan Pembuatan Pembentukan Keluli ( <i>Forming</i> ) / <i>Forming Production Supervision</i><br>(28-03-2017)                             |  |  |   |  |  |
| <b>L2</b>   | <b>C241-001-2:2017</b><br>Operasi Pembuatan Pembentukan Keluli ( <i>Forming</i> ) / <i>Forming Production Line Operation</i><br>(28-03-2017)                             |  |  |   |  |  |
| <b>L1</b>   | <b>C241-001-1:2017</b><br>Sokongan Pembuatan Keluli Dan Besi / <i>Iron And Steel Production Support</i>  |  |  |   |  |  |

|             |   |
|-------------|---|
|             | (28-03-2017)  |
| <b>Area</b> | <b>Loji Peleburan Keluli / Steel Melt Shop</b>  |
| <b>L5</b>   | <b>C241-002-5:2017</b><br>Pengurusan Loji Peleburan Keluli / <i>Steel Melt Shop Management</i><br>(25-04-2006) (24-04-2013) (27-11-2017)                    |
| <b>L4</b>   | <b>C241-002-4:2017</b><br>Pengurusan Loji Peleburan Keluli / <i>Steel Melt Shop Management</i><br>(25-04-2006) (24-04-2013) (27-11-2017)                    |
| <b>L3</b>   | <b>C241-002-3:2017</b><br>Penyeliaan Operasi Loji Peleburan Keluli / <i>Steel Melt Shop Operation Supervision</i><br>(25-04-2006) (24-04-2013) (27-11-2017) |
| <b>L2</b>   | <b>C241-002-2:2017</b><br>Operasi Loji Peleburan Keluli / <i>Steel Melt Shop Operation</i><br>(25-04-2006) (24-04-2013) (27-11-2017)                        |
|             | <i>Level 1: No Job Title</i>  |
| <b>Area</b> | <b>/ Steel Production Plant - Steel Hot Rolling Mill</b>  |
| <b>L5</b>   | <b>C241-003-5:2018</b><br>Pengurusan Operasi Kilang Pengerolan Keluli Panas / <i>Steel Hot Rolling Mill Operation Management</i><br>(08-10-2018)            |
| <b>L4</b>   | <b>C241-003-4:2018</b><br>Kawalan Operasi Kilang Pengerolan Keluli Panas / <i>Steel Hot Rolling Mill Operation Control</i><br>(08-10-2018)                  |
| <b>L3</b>   | <b>C241-003-3:2018</b><br>Penyeliaan Operasi Kilang Pengerolan Keluli Panas / <i>Steel Hot Rolling Mill Operation Supervision</i><br>(08-10-2018)           |
| <b>L2</b>   | <b>C241-003-2:2018</b><br>Operasi Kilang Pengerolan Keluli Panas / <i>Steel Hot Rolling Mill Operation</i><br>(08-10-2018)                                  |
|             | <i>Level 1: No Job Title</i>  |
| <b>Area</b> | <b>Steel Production Plant - Steel Cold Rolling Mill</b>   |
| <b>L5</b>   | <b>C241-004-5:2020</b><br>Pengurusan Kilang Pengerolan Keluli Sejuk / <i>Steel Cold Rolling Mill Management</i><br>(13-11-2020)                             |
| <b>L4</b>   | <b>C241-004-4:2020</b><br>Kawalan Operasi Kilang Pengerolan Keluli Sejuk / <i>Steel Cold Rolling Mill Operation Control</i><br>(13-11-2020)                 |
| <b>L3</b>   | <b>C241-004-3:2020</b><br>Penyeliaan Operasi Kilang Pengerolan Keluli Sejuk / <i>Steel Cold Rolling Mill Operation Supervision</i><br>(13-11-2020)          |
| <b>L2</b>   | <b>C241-004-2:2020</b><br>Operasi Kilang Pengerolan Keluli Sejuk / <i>Steel Cold Rolling Mill Operation</i><br>(13-11-2020)                                 |
|             | <i>Level 1: No Job Title</i>  |

| BAHAGIAN/DIVISION: C24<br>MANUFACTURE OF BASIC METALS         |  | KUMPULAN/GROUP: C243<br>CASTING OF METALS |
|---|--|---|
| <i>(Refer general training prerequisite in NOSS document)</i> |  |   |
| <b>Area</b>   | <b>Foundri / Foundry</b>   |   |
| <b>L5</b>   | <b>MC-070-5:2013</b><br>Pengurusan Operasi Foundri / <i>Foundry Operation Management</i><br>(25-04-2006) (24-04-2013)                  |   |
| <b>L4</b>   | <b>MC-070-4:2013</b><br>Pentadbiran Operasi Foundri / <i>Foundry Operation Administration</i><br>(25-04-2006) (24-04-2013)             |   |
| <b>L3</b>   | <b>MC-070-3:2013</b><br>Penyeliaan Pengeluaran Foundri / <i>Foundry Production Supervision</i><br>(30-09-2000) (25-10-10) (30-12-2013) |   |
| <b>L2</b>   | <b>MC-070-2:2013</b><br>Pengeluaran Foundri / <i>Foundry Production</i><br>(30-09-2000) (25-10-10) (30-12-2013)                        |   |
|   | <i>Level 1: No Job Title</i>   |   |

| BAHAGIAN/DIVISION: C25<br>MANUFACTURE OF FABRICATED METAL PRODUCTS,<br>EXCEPT MACHINERY AND EQUIPEMENT |   | KUMPULAN/GROUP: C251<br>MANUFACTURE OF STRUCTURAL METAL PRODUCTS,<br>TANKS, RESERVOIRS AND STEAM GENERATORS |
|--|---|---|
| <i>(Refer general training prerequisite in NOSS document)</i>  |   |   |
| <b>Area</b>  | <b>Rekabentuk Pintu &amp; Tingkap / Doors and Windows Designing</b>   |   |
|  | <i>Level 4,5: Not Available</i>   |   |
| <b>L3</b>  | <b>ID-030-3</b><br>Juruteknik Rekabentuk Pintu & Tingkap / <i>Doors and Windows Designing Technician</i><br>(24-03-09)  |   |
| <b>L2</b>  | <b>ID-030-2</b><br>Artis Muda Rekabentuk Pintu & Tingkap / <i>Doors and Windows Designing Junior Artist</i><br>(24-03-09)   |   |
|  | <i>Level 1: No Job Title</i>  |   |
| <b>Area</b>  | <b>Minyak, Gas &amp; Petrokimia / Oil, Gas and Petrochemical - Metal Structure</b>  |   |
| <b>L5</b>  | <b>OG-011-5:2012</b><br>Pengurusan Fabrikasi Struktur (Minyak, Gas & Petrokimia) / <i>Structure Fabrication Management (Oil, Gas &amp; Petrochemical)</i><br>(18-12-2012)         |   |
| <b>L4</b>  | <b>OG-011-4:2012</b><br>Pengurusan Fabrikasi Struktur (Minyak, Gas & Petrokimia) / <i>Structure Fabrication Management (Oil, Gas &amp; Petrochemical)</i><br>(18-12-2012)         |   |
| <b>L3</b>  | <b>OG-011-3:2011</b><br>Operasi Fabrikasi Struktur Logam (Minyak, Gas & Petrokimia) / <i>Metal Structure Fabrication Operation (Oil, Gas &amp; Petrochemical)</i><br>(20-12-2011) |   |
|  | <i>Level 1,2: No Job Title</i>  |   |
| <b>Area</b>  | <b>Metal Structure Component Fabrication</b>  |   |
|  | <i>Level 4,5: Not Available</i>   |   |
| <b>L3</b>  | <b>C251-001-3:2021</b><br>Penyeliaan Fabrikasi Komponen Struktur Logam / <i>Metal Structure Component Fabrication Supervision</i><br>(10-04-95) (17-07-2012) (29-10-2021)         |   |
| <b>L2</b>  | <b>C251-001-2:2021</b><br>Fabrikasi Komponen Struktur Logam / <i>Metal Structure Component Fabrication</i><br>(10-04-95) (17-07-2012) (29-10-2021)                                |   |
|  | <i>Level 1: No Job Title</i>  |   |

| BAHAGIAN/DIVISION: C25<br>MANUFACTURE OF FABRICATED METAL PRODUCTS,<br>EXCEPT MACHINERY AND EQUIPEMENT |  | KUMPULAN/GROUP: C259<br>MANUFACTURE OF OTHER FABRICATED METAL PRODUCTS;<br>METALWORKING SERVICE ACTIVITIES            |  |
|--|--|---|--|
| <i>(Refer general training prerequisite in NOSS document)</i>  |  |   |  |
| <b>Area</b>  | <b>Fabrikasi Peralatan Tekanan / Pressurized Equipment Fabrication</b>   |   |  |
| <b>L5</b>  | <b>MC-075-5:2012</b><br>Pembuatan Peralatan Tekanan / Pressurized Equipment Manufacturing<br>(17-07-2012)  |   |  |
| <b>L4</b>  | <b>MC-075-4:2012</b><br>Pembuatan Peralatan Tekanan / Pressurized Equipment Manufacturing<br>(17-07-2012)  |   |  |
| <b>L3</b>  | <b>C259-001-3:2016</b><br>Kawalan Pengeluaran Fabrikasi Peralatan Bertekanan (Logam) / Pressurised Equipment Fabrication Production Control (Metal)<br>(06-12-2016) (17-07-2012)                   |   |  |
| <b>L2</b>  | <b>C259-001-2:2016</b><br>Pengeluaran Fabrikasi Peralatan Bertekanan (Logam) / Pressurised Equipment Fabrication Production (Metal)<br>(06-12-2016) (17-07-2012)                                   |   |  |
| <i>Level 1: No Job Title</i>   |  |   |  |
| <b>Area</b>  | <b>Fabrikasi (SME) / Fabrication (SME)</b>   |   |  |
| <i>Level 4,5: Not Available</i>  |  |   |  |
| <b>L3</b>  | <b>C259-002-3:2016</b><br>Kawalan Pengeluaran Fabrikasi – SME / Fabrication Production Control – SME<br>(06-12-2016) (17-07-2012)  |   |  |
| <b>L2</b>  | <b>C259-002-2:2016</b><br>Pengeluaran Fabrikasi – SME / Fabrication Production – SME<br>(06-12-2016) (17-07-2012)  |   |  |
| <i>Level 1: No Job Title</i>   |  |   |  |
| <b>Area</b>  | <b>IBS</b>   |   |  |
|  | <b>IBS - Sistem Rangka Keluli Terbentuk Sejuk / IBS - Cold Formed Steel Framing System</b>   | <b>IBS - Sistem Acuan Guna Semula / IBS - Reusable Formwork System</b>  |  |
| <i>Level 4,5: Not Available</i>  |  | <i>Level 4,5: Not Available</i>   |  |
| <b>L3</b>  | <b>C259-003-3:2016</b><br>Pembuatan Sistem Rangka Keluli Terbentuk Sejuk / Cold Formed Steel Framing System Manufacturing<br>(06-12-2016)  | <b>C259-004-3:2016</b><br>Pengeluaran Sistem Acuan Guna Semula / Reusable Formwork System Productions<br>(06-12-2016) |  |
| <b>L2</b>  | <b>C259-003-2:2016</b><br>Pembuatan Sistem Rangka Keluli Terbentuk Sejuk / Cold Formed Steel Framing System Manufacturing<br>(06-12-2016)  | <b>C259-004-2:2016</b><br>Pengeluaran Sistem Acuan Guna Semula / Reusable Formwork System Productions<br>(06-12-2016) |  |
| <i>Level 1: No Job Title</i>   |  | <i>Level 1: No Job Title</i>  |  |
| <b>Area</b>  | <b>Pembuatan Acuan / Mould Manufacturing</b>   |   |  |
| <b>L5</b>  | <b>MC-030-5:2014</b><br>Pembuatan Acuan Suntikan Plastik / Plastic Injection Mould Manufacturing<br>(17-12-98) (17-07-12) (25-09-2014)   |   |  |
| <b>L4</b>  | <b>C259-005-4:2017</b><br>Reka Bentuk Acuan Suntikan Plastik / Plastics Injection Mould Designing<br>(17-12-98) (17-07-12) (25-09-2014) (28-03-2017)<br>*Penukaran kod terdahulu – C282-001-4:2017 |   |  |
| <b>L3</b>  | <b>MC-030-3:2015</b><br>Pembuatan Acuan Suntikan Plastik / Plastic Injection Mould Making<br>(28-11-95) (30-05-2002) (01-10-09) (24-11-2015)   |   |  |
| <b>L2</b>  | <b>C259-006-2:2020</b><br>Operasi Pemesinan / Machining Operation<br>(26-10-93) (16-12-99) (25-10-10) (18-12-2012) (01-06-2020)  |   |  |
| <i>Level 1: No Job Title</i>   |  |   |  |

| <b>Kimpalan</b>                |   |  |   |   |
|--------------------------------|---|--|---|---|
| <b>Area</b>                    | <b>Pemeriksaan Kimpalan / Welding Inspection</b>  |  | <b>Kimpalan Arka / Arc Welding</b>  |   |
| <b>L5</b>                      | <b>MC-024-5:2012</b><br>Pengurusan Teknologi Kimpalan / <i>Welding Technology Management</i><br>(20-06-97) (18-12-2012)   |  |   |   |
| <b>L4</b>                      | <b>MC-024-4:2012</b><br>Pengurusan Teknologi Kimpalan / <i>Welding Technology Management</i><br>(20-06-97) (18-12-2012)   |  |   |   |
| <b>L3</b>                      | <b>MC-060-3:2012</b><br>Pemeriksaan Kimpalan / <i>Welding Inspection</i><br>(28-11-95) (18-12-2012)   | <b>H-021-3 @</b><br>Juruteknik Kimpalan Logam Tanpa Ferus / <i>Non Ferrous Metal Welding Technician</i><br>(10-04-95)          | <b>MC-028-3:2014</b><br>Proses Gabungan Kimpalan Arka Gas Tungsten & Kepingan Logam / <i>Gas Tungsten &amp; Shielded Metal Arc Welding Combined Process</i><br>(25-09-2014) |   |
| <b>L2</b>                      | <b>MC-060-2:2012</b><br>Pemeriksaan Kimpalan / <i>Welding Inspection</i><br>(28-11-95) (18-12-2012)   | <b>H-021-2</b><br>Jurukimpal Logam Tanpa Ferus / <i>Non Ferrous Metal Welder</i><br>(10-04-95)                                 | <i>Level 2: No Job Title</i>  |   |
| <i>Level 1: No Job Title</i>   |   |  |   |   |
| <b>Area</b>                    | <b>Kimpalan Arka Kepingan Logam / Shielded Metal Arc Welding</b>  | <b>Kimpalan Gas Logam / Gas Metal Arc Welding</b>  | <b>Kimpalan Arka Gas Tungsten / Gas Tungsten Arc Welding</b>  | <b>Kimpalan Arka Berteras Logam / Flux Core Arc Welding</b>   |
| <b>L5</b>                      | <b>MC-024-5:2012</b><br>Pengurusan Teknologi Kimpalan / <i>Welding Technology Management</i><br>(20-06-97) (18-12-2012)   |  |   |   |
| <b>L4</b>                      | <b>MC-024-4:2012</b><br>Pengurusan Teknologi Kimpalan / <i>Welding Technology Management</i><br>(20-06-97) (18-12-2012)   |  |   |   |
| <b>L3</b>                      | <b>C259-008-3:2022</b><br>Proses Kimpalan Arka Logam Berperisai / <i>Shielded Metal Arc Welding (SMAW) Process</i><br>(16-07-98) (08-07-99) (18-12-2012) (12-09-2022) | <b>MC-025-3:2012</b><br>Proses Kimpalan Gas Logam / <i>Gas Metal Arc Welding Process</i><br>(08-07-99) (12-04-96) (18-12-2012) | <b>MC-026-3:2012</b><br>Proses Kimpalan Arka Gas Tungsten / <i>Gas Tungsten Arc Welding Process</i><br>(16-07-98) (18-12-2012)  | <b>MC-027-3:2012</b><br>Proses Kimpalan Arka Berteras Logam / <i>Flux Core Arc Welding Process</i><br>(08-07-99) (18-12-2012) |
| <i>Level 1,2: No Job Title</i> |   |  |   |   |
| <b>Area</b>                    | <b>Pembuatan Dai / Die Making</b>   |  | <b>Pemesinan / Machining</b>  |   |
| <b>L5</b>                      | <b>C259-007-5:2020</b><br>Pengurusan Penekanan Dai Logam / <i>Metal Stamping Die Management</i><br>(17-12-98) (17-07-12) (30-12-2013) (03-09-2020)                    |  | <b>C259-006-5:2020</b><br>Pengurusan Rekabentuk & Pengaturcaraan Pemesinan / <i>Machining Design &amp; Programming Management</i><br>(25-10-10) (18-12-2012) (03-09-2020)   |   |
| <b>L4</b>                      | <b>C259-007-4:2020</b><br>Pembangunan Penekanan Dai Logam / <i>Metal Stamping Die Development</i><br>(17-12-98) (17-07-12) (30-12-2013) (03-09-2020)                  |  | <b>C259-006-4:2020</b><br>Pembangunan Rekabentuk & Pengaturcaraan Pemesinan / <i>Machining Design &amp; Programming Development</i><br>(25-10-10) (18-12-2012) (03-09-2020) |   |
| <b>L3</b>                      | <b>MC-031-3:2015</b><br>Pembuatan Logam Penekanan Dai / <i>Metal Stamping Die Making</i><br>(28-11-95) (30-05-2002) (01-10-09) (30-12-2013) (24-11-2015)              |  | <b>C259-006-3:2020</b><br>Operasi Pemesinan CNC / <i>CNC Machining Operation</i><br>(26-10-93) (16-12-99) (25-10-10) (18-12-2012) (24-11-2015) (03-09-2020)                 |   |
| <b>L2</b>                      | <b>C259-006-2:2020</b><br>Operasi Pemesinan / <i>Machining Operation</i><br>(26-10-93) (16-12-99) (25-10-10) (18-12-2012) (03-09-2020)                                |  |   |   |
| <i>Level 1: No Job Title</i>   |   |  |   |   |

| Area      | Industri Rawatan Logam / <i>Metal Treatment Industry</i>   | Penempaan Logam / <i>Metal Forging</i>  |
|-----------|--|---|
|           | <i>Level 4,5: Not Available</i>  |   |
| <b>L3</b> | <b>MC-071-3:2014</b><br>Operasi Rawatan Haba Industri / <i>Industrial Heat Treatment Operation</i><br>(19-4-2011) (25-09-2014) | <b>MC-072-3:2012</b><br>Pengeluaran Penempaan Logam / <i>Metal Forging Production</i><br>(17-07-2012) |
|           | <i>Level 1: No Job Title</i>   |   |

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| <b>BAHAGIAN/DIVISION: C26</b><br><i>MANUFACTURE OF COMPUTER, ELECTRONIC AND OPTICAL PRODUCTS</i> | <b>KUMPULAN/GROUP: C261</b><br><i>MANUFACTURE OF ELECTRONIC COMPONENTS AND BOARDS</i> |
|--|---|

*(Refer general training prerequisite in NOSS document)*

| Area      | Proses Bahagian Belakang / <i>Back End Process</i>  |
|-----------|---|
| <b>L5</b> | <b>EE-020-5:2013</b><br>Pengurusan Pengeluaran Semikonduktor (Proses Bahagian Belakang) / <i>Semiconductor Manufacturing Management (Back End Process)</i><br>(10-12-10) (30-12-2013) (30-12-2013)        |
| <b>L4</b> | <b>EE-020-4:2013</b><br>Penyeliaan Teknikal Pengeluaran Semikonduktor (Proses Bahagian Belakang) / <i>Semiconductor Manufacturing Technical Supervision (Back End Process)</i><br>(10-12-10) (30-12-2013) |
| <b>L3</b> | <b>EE-020-3:2013</b><br>Pengeluaran Pemasangan Semikonduktor / <i>Semiconductor Assembly Production</i><br>(08-01-2008) (30-12-2013)  |
|           | <i>Level 1,2: No Job Title</i>  |

| Area      | Elektronik Industri / <i>Industrial Electronic</i>   |
|-----------|--|
| <b>L5</b> | <b>EE-021-5:2012</b><br>Rekabentuk & Pengurusan Produk Elektronik / <i>Electronic Product Design &amp; Management</i><br>(19-07-2001) (05-04-2012)   |
| <b>L4</b> | <b>EE-021-4:2012</b><br>Pembangunan Produk Elektronik / <i>Electronic Product Development</i><br>(19-07-2001) (05-04-2012)   |
| <b>L3</b> | <b>C261-001-3:2020</b><br>Penyeliaan dan Pengesanan Kerosakan Komponen dan Papan Elektronik / <i>Electronic Components and Boards Troubleshooting and Supervision</i><br>(26-10-93) (19-07-2001) (08-01-2008) (05-04-2012) (03-09-2020)                          |
| <b>L2</b> | <b>C261-001-2:2020</b><br>Pengujian, Pengesanan Kerosakan dan Penyelenggaraan Komponen dan Papan Elektronik / <i>Electronic Components and Boards Testing, Troubleshooting and Maintenance</i><br>(26-10-93) (19-07-2001) (08-01-2008) (05-04-2012) (03-09-2020) |
|           | <i>Level 1: No Job Title</i>   |

| Area                             | Pengeluaran Semikonduktor - Fabrikasi Wafer Bahagian Hadapan / <i>Semiconductor Production - Front End Wafer Fabrication</i>         |   |   |  |  |
|----------------------------------|--|---|---|--|--|
|                                  | Proses / <i>Process</i>  | Pembuatan / <i>Manufacturing</i>  |   | Peralatan / <i>Equipment Maintenance</i>   |  |
| L5                               | EE-022-5:2012<br>Operasi Proses Fabrikasi Wafer Bahagian Hadapan / <i>Front End Wafer Fabrication Process Operation</i> (17-07-2012) | EE-023-5:2012<br>Operasi Pembuatan Fabrikasi Wafer Bahagian Hadapan / <i>Front End Wafer Fabrication Manufacturing Operation</i> (17-07-2012) |   | EE-024-5:2014<br>Pencarisilapan & Pembaikpulihan Peralatan Fabrikasi Wafer Bahagian Hadapan / <i>Front End Wafer Fabrication Equipment Troubleshooting &amp; Repair</i> (02-04-2014)                                 |  |
| L4                               | EE-022-4:2012<br>Operasi Fabrikasi Wafer Bahagian Hadapan / <i>Front End Wafer Fabrication Operation</i> (17-07-2012)                |   | EE-024-4:2014<br>Penyelenggaraan Peralatan Fabrikasi Wafer Bahagian Hadapan / <i>Front End Wafer Fabrication Equipment Maintenance</i> (02-04-2014) |  |  |
| <i>Level 1,2,3: No Job Title</i> |  |   |   |  |  |
| Area                             | <i>/ Buffer Storage</i>  | <i>/ Embedded System (Design)</i>   | Paparan Elektronik Optik (Rekabentuk) / <i>Optical Electronic Display (Design)</i>  | <i>/ Electromagnetic Interference - Electromagnetic Compatibility (EMI/EMC) (Design)</i>   | Pengurusan Kuasa Elektronik Pengguna (Rekabentuk) / <i>Consumer Electronics Power Management (Design)</i>  |
| L5                               | EE-120-5<br>Spesialis Rekabentuk Elektronik Pengguna / <i>Consumer Electronic Design Specialist</i> (18-11-08)                       |   |   |  |  |
| L4                               | EE-120-4<br>Penolong Spesialis Rekabentuk Elektronik Pengguna / <i>Consumer Electronic Design Assistant Specialist</i> (18-11-08)    |   |   |  |  |
| L3                               | EE-050-3<br>Juruteknik Kanan Buffer Storage / <i>Buffer Storage Senior Technician</i> (18-11-08)                                     | EE-060-3<br>Juruteknik Kanan Embedded System (Rekabentuk) / <i>Embedded System Senior Technician (Design)</i> (18-11-08)                      | EE-070-3<br>Juruteknik Kanan Paparan Elektronik Optik (Rekabentuk) / <i>Optical Electronic Display Senior Technician (Design)</i> (18-11-08)        | EE-080-3<br>Juruteknik Kanan Interference/Electromagnetic Compatability (EMI/EMC) (Rekabentuk) / <i>Electromagnetic Interference / Electromagnetic Compatibility (EMI/EMC) Senior Technician (Design)</i> (18-11-08) | EE-100-3<br>Juruteknik Kanan Pengurusan Kuasa Elektronik Pengguna (Rekabentuk) / <i>Consumer Electronic Power Management Senior Technician (Design)</i> (25-10-10) |
| L2                               | EE-050-2<br>Juruteknik Buffer Storage / <i>Buffer Storage Technician</i> (18-11-08)  | EE-060-2<br>Juruteknik Embedded System (Rekabentuk) / <i>Embedded System Technician (Design)</i> (18-11-08)                                   | EE-070-2<br>Juruteknik Paparan Elektronik Optik (Rekabentuk) / <i>Optical Electronic Display Technician (Design)</i> (18-11-08)                     | EE-080-2<br>Juruteknik Interference/Electromagnetic Compatability (EMI/EMC) (Rekabentuk) / <i>Electromagnetic Interference / Electromagnetic Compatibility (EMI/EMC) Technician (Design)</i> (18-11-08)              | EE-100-2<br>Juruteknik Pengurusan Kuasa Elektronik Pengguna (Rekabentuk) / <i>Consumer Electronic Power Management Technician (Design)</i> (25-10-10)              |
| <i>Level 1: No Job Title</i>     |  |   |   |  |  |

| <b>Area</b>                  | <b>Pembuatan dan Pengeluaran Elektronik / Electronics Manufacturing and Production</b>  | <b>Rekabentuk Litar Bersepadu / Integrated System Design</b>   | <b>Rekabentuk Sistem Elektronik / Electronics System Design</b>  |
|------------------------------|---|--|--|
| <b>L5</b>                    | <i>Level 5: Not Available</i>   | <b>EE-113-5</b><br>Pakar Kanan Rekabentuk Litar Bersepadu / <i>Integrated Circuit Design Senior Specialist</i><br>(23-06-2009) | <b>EE-112-5</b><br>Pakar Kanan Rekabentuk Sistem Elektronik / <i>Electronics System Design Senior Specialist</i><br>(23-06-2009) |
| <b>L4</b>                    | <i>Level 4: Not Available</i>   | <b>EE-113-4</b><br>Pakar Rekabentuk Litar Bersepadu / <i>Integrated Circuit Design Specialist</i><br>(23-06-2009)              | <b>EE-112-4</b><br>Pakar Rekabentuk Sistem Elektronik / <i>Electronics System Design Specialist</i><br>(23-06-2009)              |
| <b>L3</b>                    | <b>C261-002-3:2020</b><br>Pembuatan Produk Elektronik Pengguna / <i>Consumer Electronics Product Manufacturing</i><br>(23-06-2009) (03-09-2020) | <b>EE-102-3</b><br>Juruteknik Kanan Teknologi Sensor / <i>Sensor Technology Senior Technician</i><br>(23-06-2009)              | <b>EE-103-3</b><br>Juruteknik Kanan Program Logik / <i>Program Logic Senior Technician</i><br>(23-06-2009)                       |
| <b>L2</b>                    | <i>Level 2: No Job Title</i>  |  | <b>EE-101-2</b><br>Juruteknik Rekabentuk Elektronik Pengguna / <i>Consumer Electronics Design Technician</i><br>(23-06-2009)     |
| <i>Level 1: No Job Title</i> |   |  |  |

| <b>BAHAGIAN/DIVISION: C26</b><br><i>MANUFACTURE OF COMPUTER, ELECTRONIC AND OPTICAL PRODUCTS</i> |  | <b>KUMPULAN/GROUP: C263</b><br><i>MANUFACTURE OF COMMUNICATION EQUIPMENT</i>   |  |
|--|--|--|--|
| <i>(Refer general training prerequisite in NOSS document)</i>                                    |  |  |  |
| <b>Area</b>  | <b>Rekabentuk Elektronik Pengguna-Rekabentuk Pemprosesan Isyarat Digital / Consumer Electronics Design-Digital Signal Processing Design</b>              | <b>Rekabentuk Elektronik Pengguna-Rekabentuk Rangkaian / Consumer Electronics Design-Network Design</b>              |  |
|  | <i>Level 4,5: Not Available</i>  |  |  |
| <b>L3</b>  | <b>EE-104-3</b><br>Juruteknik Kanan Pemprosesan Isyarat Digital (Rekabentuk) / <i>Digital Signal Processing Senior Technician (Design)</i><br>(01-10-09) | <b>EE-105-3</b><br>Juruteknik Kanan Rangkaian (Rekabentuk) / <i>Network Senior Technician (Design)</i><br>(01-10-09) |  |
| <b>L2</b>  | <b>EE-104-2</b><br>Juruteknik Pemprosesan Isyarat Digital (Rekabentuk) / <i>Digital Signal Processing Technician (Design)</i><br>(01-10-09)              | <b>EE-105-2</b><br>Juruteknik Rangkaian (Rekabentuk) / <i>Network Technician (Design)</i><br>(18-11-08)              |  |
| <i>Level 1: No Job Title</i>   |  |  |  |



| BAHAGIAN/DIVISION: C26<br>MANUFACTURE OF COMPUTER, ELECTRONIC AND OPTICAL PRODUCTS |  | KUMPULAN/GROUP: C264<br>MANUFACTURE OF CONSUMER ELECTRONICS   |  |
|--|--|---|--|
| <i>(Refer general training prerequisite in NOSS document)</i>                      |  |   |  |
| <b>Area</b>  | <b>Elektronik Audio Visual / Electronic Audio Visual</b>   |   |  |
| <b>L5</b>  | <b>EE-010-5</b><br>Eksekutif Kanan Teknologi Audio Visual Elektronik / <i>Electronic Audio Visual Technology Senior Executive</i><br>(08-01-2008)  |   |  |
| <b>L4</b>  | <b>EE-010-4</b><br>Eksekutif Teknologi Audio Visual Elektronik / <i>Electronic Audio Visual Technology Executive</i><br>(08-01-2008)   |   |  |
| <b>L3</b>  | <b>C261-001-3:2020</b><br>Penyeliaan dan Pengesanan Kerosakan Komponen dan Papan Elektronik / <i>Electronic Components and Boards Troubleshooting and Supervision</i><br>(26-10-93) (19-07-2001) (08-01-2008) (05-04-2012) (01-06-2020)                          |   |  |
| <b>L2</b>  | <b>C261-001-2:2020</b><br>Pengujian, Pengesanan Kerosakan dan Penyelenggaraan Komponen dan Papan Elektronik / <i>Electronic Components and Boards Testing, Troubleshooting and Maintenance</i><br>(26-10-93) (19-07-2001) (08-01-2008) (05-04-2012) (01-06-2020) |   |  |
| <i>Level 1: No Job Title</i>   |  |   |  |
| <b>Area</b>  | <b>Antara Muka (Rekabentuk) / Interface (Design)</b>   | <b>Keselamatan (Rekabentuk) / Security (Design)</b>   |  |
| <b>L5</b>  | <b>EE-120-5</b><br>Pakar Rekabentuk Elektronik Pengguna / <i>Consumer Electronic Design Specialist</i><br>(18-11-08)   |   |  |
| <b>L4</b>  | <b>EE-120-4</b><br>Penolong Pakar Rekabentuk Elektronik Pengguna / <i>Consumer Electronic Design Assistant Specialist</i><br>(18-11-08)  |   |  |
| <b>L3</b>  | <b>EE-090-3</b><br>Juruteknik Kanan Antara Muka / <i>Interface Senior Technician</i><br>(18-11-08)   | <b>EE-110-3</b><br>Juruteknik Kanan Keselamatan (Rekabentuk) / <i>Security Senior Technician (Design)</i><br>(18-11-08) |  |
| <b>L2</b>  | <b>EE-090-2</b><br>Juruteknik Antara Muka / <i>Interface Technician</i><br>(18-11-08)  | <b>EE-110-2</b><br>Juruteknik Keselamatan (Rekabentuk) / <i>Security Technician (Design)</i><br>(18-11-08)              |  |
| <i>Level 1: No Job Title</i>   |  |   |  |

| BAHAGIAN/DIVISION: C26<br>MANUFACTURE OF COMPUTER, ELECTRONIC AND OPTICAL PRODUCTS |   | KUMPULAN/GROUP: C265<br>MANUFACTURE OF MEASURING, TESTING, NAVIGATING AND CONTROL EQUIPMENT, WATCHES AND CLOCKS |  |
|--|---|---|--|
| <i>(Refer general training prerequisite in NOSS document)</i>                      |   |   |  |
| <b>Area</b>  | <b>Instrumentasi Perindustrian &amp; Kawalan / Industrial Instrumentation &amp; Control</b>   |   |  |
| <b>L5</b>  | <b>EE-230-5:2013</b><br>Instrumentasi Perindustrian & Sistem- Perancangan & Pengurusan Teknikal / <i>Industrial Instrumentation &amp; System-Planning &amp; Technical Management</i><br>(23-06-2009) (30-12-2013) |   |  |
| <b>L4</b>  | <b>EE-230-4:2013</b><br>Instrumentasi Perindustrian & Sistem Kawalan- Penyeliaan & Kawalan / <i>Industrial Instrumentation &amp; Control System-Monitoring and Controlling</i><br>(23-06-2009) (30-12-2013)       |   |  |
| <b>L3</b>  | <b>EE-230-3:2013</b><br>Operasi & Penyelenggaraan Instrumentasi Perindustrian & Kawalan / <i>Industrial Instrumentation &amp; Control Operation and Maintenance</i><br>(07-10-99) (23-06-2009) (30-12-2013)       |   |  |
| <i>Level 1,2: No Job Title</i>   |   |   |  |

|             |  |
|-------------|--|
| <b>Area</b> | <b>Pembuatan Jam / Watch Making</b>                                |
|             | <i>Level 4,5: Not Available</i>                                    |
| <b>L3</b>   | <b>MC-011-3</b><br>Tukang Jam / Watch Maker<br>(01-10-09)          |
| <b>L2</b>   | <b>MC-011-2</b><br>Juruteknik Jam / Watch Technician<br>(01-10-09) |
|             | <i>Level 1: No Job Title</i>                                       |

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|--|---|--|--|
| <b>BAHAGIAN/DIVISION: C27</b><br>MANUFACTURE OF ELECTRICAL EQUIPMENT |   | <b>KUMPULAN/GROUP: C271</b><br>MANUFACTURE OF ELECTRIC MOTORS, GENERATORS,<br>TRANSFORMERS AND ELECTRICITY DISTRIBUTION AND<br>CONTROL APPARATUS |  |
| <i>(Refer general training prerequisite in NOSS document)</i>        |   |  |  |
| <b>Area</b>  | <b>Penyaduran Elektrik / Electroplating</b>   |  |  |
|  | <i>Level 4,5: Not Available</i>   |  |  |
| <b>L3</b>  | <b>MT-030-3:2012</b><br>Pembuatan Penyaduran Elektrik / Electroplating Manufacturing<br>(20-06-97) (18-12-2012) |  |  |
|  | <i>Level 1,2: No Job Title</i>  |  |  |

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|--|---|---|--|
| <b>BAHAGIAN/DIVISION: C28</b><br>MANUFACTURE OF MACHINERY AND EQUIPMENT <i>n.e.c</i> |   | <b>KUMPULAN/GROUP: C281</b><br>MANUFACTURE OF GENERAL-PURPOSE MACHINERY |  |
| <i>(Refer general training prerequisite in NOSS document)</i>                        |   |   |  |
| <b>Area</b>  | <b>Robot Design and Assembly</b>  |   |  |
| <b>L5</b>  | <b>C281-001-5:2023</b><br>Senibina Sistem Robot / Robot System Architecture<br>(8-5-2023)                                     |   |  |
| <b>L4</b>  | <b>C281-001-4:2023</b><br>Rekabentuk Sistem Robot / Robot System Design<br>(8-5-2023)   |   |  |
| <b>L3</b>  | <b>C281-001-3:2023</b><br>Pemasangan Robot / Robot Assembly<br>(8-5-2023)   |   |  |
|  | <i>Level 1,2: No Job Title</i>  |   |  |
| <b>Area</b>  | <b>Manufacturing of Solar Panel</b>   |   |  |
| <b>L5</b>  | <b>EE-212-5:2013</b><br>Pengurusan Pembuatan Panel Solar / Solar Panel Manufacturing Management<br>(30-12-2013)               |   |  |
| <b>L4</b>  | <b>EE-212-4:2013</b><br>Kawalan Pembuatan Panel Solar / Solar Panel Manufacturing Control<br>(30-12-2013)                     |   |  |
| <b>L3</b>  | <b>EE-212-3:2013</b><br>Operasi Pembuatan Panel Solar / Solar Panel Manufacturing Operation (Thin Film Modul)<br>(30-12-2013) |   |  |
|  | <i>Level 1,2: No Job Title</i>  |   |  |

| BAHAGIAN/DIVISION: C28<br>MANUFACTURE OF MACHINERY AND EQUIPMENT n.e.c |  | KUMPULAN/GROUP: C282<br>MANUFACTURE OF SPECIAL-PURPOSE MACHINERY |  |
|--|--|--|--|
| <i>(Refer general training prerequisite in NOSS document)</i>          |  |  |  |
| <b>Aircraft Production Assembly</b>                                    |  |  |  |
| <i>Level 4,5: Not Available</i>  |  |  |  |
| <b>L3</b>  | Pemasangan Struktur dan Komponen Pesawat / <i>Aircraft Component and Structure Assembly</i><br>(30-01-2019)<br><b>C282-002-3:2019</b>                              |  |  |
| <b>L2</b>  | Pemasangan Komponen Pesawat / <i>Aircraft Component Assembly</i><br>(30-01-2019)<br><b>C282-002-2:2019</b>   |  |  |
| <i>Level 1: No Job Title</i>   |  |  |  |
| <b>Aerospace Manufacturing Quality Assurance (QA)</b>                  |  |  |  |
| <b>L5</b>  | Pentadbiran Jaminan Kualiti Pembuatan Aeroangkasa / <i>Aerospace Manufacturing Quality Assurance (QA) Administration</i><br>(13-11-2020)<br><b>C282-003-5:2020</b> |  |  |
| <b>L4</b>  | Pengurusan Jaminan Kualiti Pembuatan Aeroangkasa / <i>Aerospace Manufacturing Quality Assurance (QA) Management</i><br>(13-11-2020)<br><b>C282-003-4:2020</b>      |  |  |
| <i>Level 1,2,3: No Job Title</i>                                       |  |  |  |

| BAHAGIAN/DIVISION: C29<br>MANUFACTURE OF MOTOR VEHICLES, TRAILERS AND SEMI-TRAILERS |  | KUMPULAN/GROUP: C291<br>MANUFACTURE OF MOTOR VEHICLES   |   |
|---|--|---|---|
| <i>(Refer general training prerequisite in NOSS document)</i>                       |  |   |   |
| <b>Area</b>   | <b>Pembentukan Kerangka Badan /<br/>Body Frame Fabrication</b>   | <b>Pemasangan Aksesori Automatif<br/>/ Automotive Accessories<br/>Assembling</b>  | <b>Perapian Kerangka Badan / Body<br/>Frame Trimming</b>  |
| <b>L5</b>   | Pengurusan Pengeluaran Automotif / <i>Automotive Production Management</i><br>(25-10-10) (04-02-2016)<br><b>TP-410-5:2016</b>              |   |   |
| <b>L4</b>   | Kawalan Pemasangan Automotif / <i>Automotive Assembly Control</i><br>(25-10-10) (04-02-2016)<br><b>TP-410-4:2016</b>                       |   |   |
| <b>L3</b>   | <b>TP-030-3</b><br>Penyelia Kerangka Badan<br>Kenderaan / <i>Passenger Vehicle Body<br/>Frame Supervisor</i><br>(30-09-97) (24-03-09)      | <b>TP-034-3:2014</b><br>Pemasangan & Pengubahsuaian<br>Aksesori Kereta / <i>Car Accessories<br/>Installation &amp; Customization</i><br>(11-04-2002) (16-12-2014) | <b>TP-031-3</b><br>Penyelia Perapian Badan<br>Kenderaan Penumpang / <i>Passenger<br/>Vehicle Body Trim Supervisor</i><br>(30-09-97) (24-03-09)            |
| <b>L2</b>   | <b>TP-030-2</b><br>Pemasang Kerangka Badan<br>Kenderaan / <i>Passenger Vehicle Body<br/>Frame Senior Operator</i><br>(30-09-97) (24-03-09) | <b>TP-034-2:2014</b><br>Pemasangan & Pengubahsuaian<br>Aksesori Kereta / <i>Car Accessories<br/>Installation &amp; Customization</i><br>(11-04-2002) (16-12-2014) | <b>TP-031-2</b><br>Operator Kanan Perapian Badan<br>Kenderaan Penumpang / <i>Passenger<br/>Vehicle Body Trim Senior Operator</i><br>(30-09-97) (24-03-09) |
| <b>L1</b>   | <b>TP-030-1</b><br>Jurubentuk Kerangka Badan<br>Kenderaan / <i>Passenger Vehicle Body<br/>Frame Operator</i><br>(30-09-97) (24-03-09)      | <i>Level 1: No Job Title</i>  | <b>TP-031-1</b><br>Operator Perapian Badan<br>Kenderaan Penumpang / <i>Passenger<br/>Vehicle Body Trim Operator</i><br>(30-09-97) (24-03-09)              |

| <b>Area</b> | <b>Penyemburan Cat /<br/>Spray Painting</b>   | <b>Pemasangan Trim &amp;<br/>Final Line / Trim &amp; Final<br/>Line Assembling</b>                                | <b>Pemasangan Enjin /<br/>Engine Assembling</b>  | <b>Pemasangan Badan<br/>Automobil / Automobile<br/>Body Assembling</b>  |
|-------------|---|---|--|---|
| <b>L5</b>   | <b>TP-410-5:2016</b><br>Pengurusan Pengeluaran Automotif / <i>Automotive Production Management</i><br>(25-10-10) (04-02-2016)   |   |  |   |
| <b>L4</b>   | <b>TP-410-4:2016</b><br>Kawalan Pemasangan Automotif / <i>Automotive Assembly Control</i><br>(25-10-10) (04-02-2016)  |   |  |   |
| <b>L3</b>   | <b>TP-412-3:2013</b><br>Operasi Pengemasan &<br>Pengecatan Automotif /<br><i>Automotive Finishing &amp;<br/>Painting Operation</i><br>(25-10-96) (25-10-10)<br>(30-12-2013) | <b>TP-410-3:2013</b><br>Trim & Final Automotif /<br><i>Automotive Trim &amp; Final</i><br>(25-10-10) (30-12-2013) | <b>TP-414-3:2013</b><br>Pemasangan Enjin<br>Automotif / <i>Automotive<br/>Engine Assembly</i><br>(25-10-96) (30-12-2013) | <b>TP-411-3</b><br>Penyelia Pemasangan<br>Badan Automobil /<br><i>Automobile Body Assembly<br/>Supervisor</i><br>(25-10-10)                       |
| <b>L2</b>   | <i>Level 2: No Job Title</i>  | <i>Level 2: No Job Title</i>  | <i>Level 2: No Job Title</i>   | <b>TP-411-2</b><br><i>Operator Kanan</i><br>Pemasangan Badan<br>Automobil / <i>Automobile<br/>Body Assembly Senior<br/>Operator</i><br>(25-10-10) |
| <b>L1</b>   | <i>Level 1: No Job Title</i>  | <i>Level 1: No Job Title</i>  | <i>Level 1: No Job Title</i>   | <b>TP-411-1</b><br>Operator Pemasangan<br>Badan Automobil /<br><i>Automobile Body Assembly<br/>Operator</i><br>(25-10-10)                         |
| <b>Area</b> | <b>Fabrikasi Sukan Bermotor / <i>Motorsport Fabrication</i></b>   |   |  |   |
| <b>L5</b>   | <i>Level 4,5: Not Available</i>   |   |  |   |
| <b>L3</b>   | <b>TP-120-3</b><br>Fabrikator Sukan Bermotor / <i>Motorsport Fabricator</i><br>(05-04-2012)   |   |  |   |
|             | <i>Level 1,2: No Job Title</i>  |   |  |   |

| <b>BAHAGIAN/DIVISION: C29</b><br><i>MANUFACTURE OF MOTOR VEHICLES, TRAILERS AND SEMI-TRAILERS</i> |  | <b>KUMPULAN/GROUP: C293</b><br><i>MANUFACTURE OF PARTS AND ACCESSORIES FOR MOTOR VEHICLES</i> |  |
|---|--|---|--|
| <i>(Refer general training prerequisite in NOSS document)</i>                                     |  |   |  |
| <b>Area</b>   | <b>Pembuatan Semula Komponen Kenderaan Darat / <i>Land Transport Component Remanufacturing</i></b>                     |   |  |
|   | <i>Level 4,5: Not Available</i>  |   |  |
| <b>L3</b>   | <b>TP-033-3:2015</b><br>Pembuatan Semula Komponen Kenderaan / <i>Vehicle Component Remanufacturing</i><br>(31-03-2015) |   |  |
|   | <i>Level 1,2: No Job Title</i>   |   |  |

| BAHAGIAN/DIVISION: C30<br>MANUFACTURE OF OTHER TRANSPORT EQUIPMENT |  | KUMPULAN/GROUP: C301<br>BUILDING OF SHIPS AND BOATS  |   |
|--|--|--|---|
| <i>(Refer general training prerequisite in NOSS document)</i>      |  |  |   |
| <b>Area</b>  | <b>Pembuatan Bot (Gentian Kaca) / Boat Making (Fiber Glass)</b>  |  |   |
| <b>L5</b>  | <b>TP-022-5:2016</b><br>Pengurusan Pembuatan Bot Gentian Kaca / <i>Fiberglass Boat Manufacturing Management</i><br>(24-05-2016)  |  |   |
| <b>L4</b>  | <b>TP-022-4:2016</b><br>Koordinasi & Pentadbiran Pembuatan Superstruktur dan Serimala Gentian Kaca / <i>Fiberglass Hull and Superstructure Manufacturing Coordination &amp; Administration</i><br>(24-05-2016) |  |   |
| <b>L3</b>  | <b>TP-022-3:2014</b><br>Pembuatan Superstruktur dan Serimala Gentian Kaca / <i>Fiberglass Hull and Superstructure Manufacturing</i><br>(25-04-05) (24-03-09) (25-09-2014)                                      |  |   |
| <i>Level 1,2: No Job Title</i>                                     |  |  |   |
| <b>Area</b>  | <b>Serimala / Hull</b>   |  |   |
| <b>L5</b>  | <b>TP-024-5:2012</b><br>Pengurusan Pembinaan Serimala / <i>Ship Hull Construction Management</i><br>(18-12-2012)   | <b>C301-001-5:2018</b><br>Pengurusan Pembinaan dan Senggaraan Badan Kapal (Logam) / <i>Ship Hull Construction and Maintenance Management (Metal)</i><br>(06-02-2018)   |   |
| <b>L4</b>  | <b>TP-024-4:2012</b><br>Koordinasi Pembinaan Serimala / <i>Ship Hull Construction Coordination</i><br>(18-12-2012)   | <b>C301-001-4:2018</b><br>Koordinasi Pembinaan dan Senggaraan Badan Kapal (Logam) / <i>Ship Hull Construction and Maintenance Coordination (Metal)</i><br>(06-02-2018) |   |
| <b>L3</b>  | <b>TP-024-3</b><br>Juruteknik Kanan Serimala Marin / <i>Marine Hull Senior Technician</i><br>(16-07-98) (01-10-09)   | <b>TP-026-3:2013</b><br>Pembinaan Serimala & Struktur / <i>Ship Hull &amp; Super Structure Construction</i><br>(24-04-2013)  | <b>TP-028-3:2014</b><br>Penyeliaan Fabrikasi, Pemasangan & Penyelenggaraan Serimala (Besi) / <i>Marine Hull Fabrication, Installation and Maintenance Supervision (Steel)</i><br>(25-09-2014) |
| <b>L2</b>  | <b>TP-024-2</b><br>Juruteknik Serimala Marin / <i>Marine Hull Technician</i><br>(16-07-98) (01-10-09)  | <b>TP-028-2:2014</b><br>Fabrikasi, Pemasangan & Penyelenggaraan Serimala (Besi) / <i>Marine Hull Fabrication, Installation and Maintenance (Steel)</i><br>(25-09-2014) |   |
| <b>L1</b>  | <b>R-010-1</b><br>Mekanik Marin / <i>Marine Mechanic</i><br>(19-07-96)   |  |   |

| <b>Area</b> | <b>Pembinaan &amp; Selenggara Kapal-Sistem Perpaipan / Ship Building &amp; Repair-Piping System</b>  |
|-------------|--|
| <b>L5</b>   | <b>C301-002-5:2018</b><br>Pengurusan Pembinaan & Senggaraan Sistem Perpaipan Kapal / <i>Ship Piping System Construction &amp; Maintenance Management</i><br>(06-02-2018)                 |
| <b>L4</b>   | <b>C301-002-4:2018</b><br>Koordinasi Pembinaan & Senggaraan Sistem Perpaipan Kapal / <i>Ship Piping System Construction &amp; Maintenance Coordination</i><br>(06-02-2018)               |
| <b>L3</b>   | <b>TP-029-3:2014</b><br>Penyeliaan Fabrikasi, Pemasangan & Pengujian Perpaipan / <i>Piping Fabrication, Installation and Testing Supervision</i><br>(25-09-2014)                         |
| <b>L2</b>   | <b>TP-029-2:2014</b><br>Fabrikasi, Pemasangan & Pengujian Perpaipan / <i>Piping Fabrication, Installation and Testing</i><br>(25-09-2014)  |
|             | <i>Level 1: No Job Title</i>   |
| <b>Area</b> | <b>Pembinaan &amp; Penyelenggaraan Kapal / Ship Building &amp; Ship Repair</b>   |
|             | <i>Level 4,5: Not Available</i>  |
| <b>L3</b>   | <b>TP-035-3:2014</b><br>Penyeliaan Pemasangan, Operasi & Penyelenggaraan Elektrikal Marin / <i>Marine Electrical Installation, Operation and Maintenance Supervision</i><br>(16-12-2014) |
| <b>L2</b>   | <b>TP-035-2:2014</b><br>Pemasangan, Operasi & Penyelenggaraan Elektrikal Marin / <i>Marine Electrical Installation, Operation and Maintenance</i><br>(16-12-2014)                        |
|             | <i>Level 1: No Job Title</i>   |
| <b>Area</b> | <b>Pembuatan Bot Tradisional / Duyung Traditional Boat Maker</b>   |
|             | <i>Level 4,5: Not Available</i>  |
| <b>L3</b>   | <b>TP-080-3</b><br>Penyelia Pembuatan Bot Tradisional Duyung / <i>Duyung Traditional Boat Maker Supervisor</i><br>(25-10-10)   |
| <b>L2</b>   | <b>TP-080-2</b><br>Pembuat Bot Tradisional Duyung Kanan / <i>Senior Duyung Traditional Boat Maker</i><br>(25-10-10)  |
| <b>L1</b>   | <b>TP-080-1</b><br>Pembuat Bot Tradisional Duyung / <i>Duyung Traditional Boat Maker</i><br>(25-10-10)   |

| <b>BAHAGIAN/DIVISION: C30</b><br><i>MANUFACTURE OF OTHER TRANSPORT EQUIPMENT</i> |   | <b>KUMPULAN/GROUP: C303</b><br><i>MANUFACTURE OF AIR AND SPACECRAFT AND RELATED MACHINERY</i> |  |
|--|---|---|--|
| <i>(Refer general training prerequisite in NOSS document)</i>                    |   |   |  |
| <b>Area</b>  | <b>Composite Manufacturing (Aerospace)</b>  |   |  |
| <b>L5</b>  | <b>C303-001-5:2023</b><br>Pengurusan Pengeluaran Komposit Aero Angkasa / <i>Aerospace Composite Production Management</i><br>(10-12-10)(30-12-2013)(8-5-2023) |   |  |
| <b>L4</b>  | <b>C303-001-4:2023</b><br>Operasi Proses Komposit Aero Angkasa / <i>Aerospace Composite Process Operation</i><br>(10-12-10)(30-12-2013)(8-5-2023)             |   |  |
| <b>L3</b>  | <b>MT-010-3:2013</b><br>Operasi Pembuatan Komposit (Aeroangkasa) / <i>Composite Manufacturing Operation (Aerospace)</i><br>(30-12-2013)                       |   |  |
|  | <i>Level 1: No Job Title</i>  |   |  |

| BAHAGIAN/DIVISION: C30<br>MANUFACTURE OF OTHER TRANSPORT EQUIPMENT |  | KUMPULAN/GROUP: C309<br>MANUFACTURE OF TRANSPORT EQUIPMENT n.e.c   |  |
|--|--|--|--|
| <i>(Refer general training prerequisite in NOSS document)</i>      |  |  |  |
| Area   | Pemasangan Badan Motosikal /<br>Motorcycle Body Assembling   | Pemeriksaan Akhir Motosikal /<br>Motorcycle Final Inspection   | Pemasangan Enjin Motosikal /<br>Motorcycle Engine Assembling   |
| L5   | <b>TP-410-5:2016</b><br>Pengurusan Pengeluaran Automotif / <i>Automotive Production Management</i><br>(25-10-10) (04-02-2016)        |  |  |
| L4   | <b>TP-410-4:2016</b><br>Kawalan Pemasangan Automotif / <i>Automotive Assembly Control</i><br>(25-10-10) (04-02-2016)                 |  |  |
| L3   | <b>TP-510-3:2013</b><br>Operasi Pemasangan Motosikal /<br><i>Motorcycle Assembly Operation</i><br>(16-07-98) (25-10-10) (30-12-2013) | <b>TP-513-3</b><br>Penyelia Akhir Motosikal /<br><i>Motorcycle Final Supervisor</i><br>(16-07-98) (25-10-10)             | <b>TP-512-3</b><br>Penyelia Pemasangan Enjin Motosikal /<br><i>Motorcycle Engine Assembling Supervisor</i><br>(16-07-98) (25-10-10)            |
| L2   | <i>Level 2: No Job Title</i>   | <b>TP-513-2</b><br>Pemeriksa Akhir Motosikal /<br><i>Motorcycle Final Inspector</i><br>(16-07-98) (25-10-10)             | <b>TP-512-2</b><br>Operator Kanan Pemasangan Enjin Motosikal /<br><i>Motorcycle Engine Assembling Senior Operator</i><br>(16-07-98) (25-10-10) |
| L1   | <i>Level 1: No Job Title</i>   | <i>Level 1: No Job Title</i>   | <b>TP-512-1</b><br>Operator Pemasangan Enjin Motosikal /<br><i>Motorcycle Engine Assembling Operator</i><br>(16-07-98) (25-10-10)              |
| Area   | Saduran Motosikal /<br>Motorcycle Plating  | Pengecatan Motosikal /<br>Motorcycle Painting  | Fabrikator Motosikal (Kimpalan) /<br>Motorcycle Fabricator (Welding)   |
| L5   | <b>TP-410-5:2016</b><br>Pengurusan Pengeluaran Automotif / <i>Automotive Production Management</i><br>(25-10-10)(04-02-2016)         |  |  |
| L4   | <b>TP-410-4:2016</b><br>Kawalan Pemasangan Automotif / <i>Automotive Assembly Control</i><br>(25-10-10)(04-02-2016)                  |  |  |
| L3   | <b>TP-511-3</b><br>Penyelia Penyaduran Motosikal /<br><i>Motorcycle Plating Supervisor</i><br>(16-07-98)(25-10-10)                   | <b>TP-010-3:2013</b><br>Operasi Pengecatan Motosikal /<br><i>Motorcycle Painting Operation</i><br>(18-11-08)(30-12-2013) | <b>TP-500-3:2013</b><br>Fabrikasi Motosikal /<br><i>Motorcycle Fabrication</i><br>(11-04-2002)(25-10-10)+(30-12-2013)                          |
| L2   | <b>TP-511-2</b><br>Operator Penyaduran Motosikal Kanan /<br><i>Senior Motorcycle Plating Operator</i><br>(16-07-98)(25-10-10)        | <i>Level 2: No Job Title</i>   | <i>Level 2: No Job Title</i>   |
| L1   | <b>TP-511-1</b><br>Operator Penyaduran Motosikal /<br><i>Motorcycle Plating Operator</i><br>(26-07-98)(25-10-10)                     | <i>Level 1: No Job Title</i>   | <i>Level 1: No Job Title</i>   |

| Area | <i>/ Remotely Operated Vehicle (ROV) Design and Construction</i>  |
|------|---|
| L5   | <b>C309-001-5:2019</b><br>Pengurusan Rekabentuk dan Pembinaan <i>Remotely Operated Vehicle (ROV) / Remotely Operated Vehicle (ROV) Design and Construction Management</i><br>(30-01-2019) |
| L4   | <b>C309-001-4:2019</b><br>Rekabentuk dan Pembinaan <i>Remotely Operated Vehicle (ROV) / Remotely Operated Vehicle (ROV) Design and Construction</i><br>(30-01-2019)                       |
|      | <i>Level 1,2,3: No Job Title</i>  |

| BAHAGIAN/DIVISION: C31<br>MANUFACTURE OF FURNITURE            |  | KUMPULAN/GROUP: C310<br>MANUFACTURE OF FURNITURE  |   |
|---|--|---|---|
| <i>(Refer general training prerequisite in NOSS document)</i> |  |   |   |
| Area  | Perabot - Pengeluaran Perabot /<br>Furniture - Furniture Production  | Perabot - Pembuatan Alas /<br>Furniture - Upholstery  | Perabot - Pembangunan Produk /<br>Furniture - Product Development   |
| L5  | <b>RB-053-5:2014</b><br>Pengurusan Pengeluaran Perabot / <i>Furniture Production Management</i><br>(19-4-2011) (16-12-2014)        |   |   |
| L4  | <b>RB-053-4:2014</b><br>Operasi Pengeluaran Perabot / <i>Furniture Production Operation</i><br>(19-4-2011) (16-12-2014)            | <b>C310-001-4:2017</b><br>Pembangunan Produk Perabot / <i>Furniture Product Development</i><br>(27-11-2017)           |   |
| L3  | <b>RB-050-3:2012</b><br>Operasi Pembuatan Perabot /<br><i>Furniture Production Operation</i><br>(28-04-94) (24-03-09) (18-12-2012) | <b>RB-052-3:2014</b><br>Operasi Pembuatan Alas / <i>Upholster Operation</i><br>(06-07-2000) (23-06-2009) (02-04-2014) | <b>RB-055-3:2014</b><br>Penyeliaan Pembuatan Sampel /<br><i>Sample Making Supervision</i><br>(16-12-2014) |
| L2  | <b>RB-050-2:2012</b><br>Operasi Pembuatan Perabot /<br><i>Furniture Production Operation</i><br>(28-04-94) (24-03-09) (18-12-2012) | <i>Level 2: No Job Title</i>  | <b>RB-055-2:2014</b><br>Pengeluaran Pembuatan Sampel /<br><i>Sample Making Production</i><br>(16-12-2014) |
|   | <i>Level 1: No Job Title</i>   |   |   |

| BAHAGIAN/DIVISION: C32<br>OTHER MANUFACTURING                 |  | KUMPULAN/GROUP: C321<br>MANUFACTURE OF JEWELLERY, BIJOUTERIE AND RELATED ARTICLES |  |
|---|--|---|--|
| <i>(Refer general training prerequisite in NOSS document)</i> |  |   |  |
| Area  | Logam Hiasan / <i>Ornamental Metal</i>   |   |  |
|   | <i>Level 4,5: Not Available</i>  |   |  |
| L3  | <b>ID-010-3</b><br>Penyeliaan Pembuatan Logam Hiasan / <i>Ornamental Metal Making Supervisor</i><br>(24-03-09) |   |  |
| L2  | <b>ID-010-2</b><br>Pembuat Kanan Logam Hiasan / <i>Ornamental Metal Senior Maker</i><br>(24-03-09)             |   |  |
| L1  | <b>ID-010-1</b><br>Pembuat Logam Hiasan / <i>Ornamental Metal Maker</i><br>(24-03-09)                          |   |  |



| Area | Pengeluaran Barang Kemas / Jewellery Production  |
|------|--|
|      | <i>Level 4,5: Not Available</i>  |
| L3   | <b>C321-001-3:2023</b><br>Seni Dan Kraf Barang Kemas Kontemporari / <i>Contemporary Jewellery Arts and Craft</i><br>(16-12-2014)(27-02-2003)(8-5-2023) |
| L2   | <b>C321-001-2:2023</b><br>Seni Dan Kraf Barang Kemas Tradisional / <i>Traditional Jewellery Arts and Craft</i><br>(16-12-2014)(27-02-2003)(8-5-2023)   |
|      | <i>Level 1: No Job Title</i>   |

| BAHAGIAN/DIVISION: C32<br>OTHER MANUFACTURING                 |  | KUMPULAN/GROUP: C322<br>MANUFACTURE OF MUSICAL INSTRUMENTS |  |
|---|--|--|--|
| <i>(Refer general training prerequisite in NOSS document)</i> |  |  |  |
| Area  | Pembuatan Instrumen Muzik Tradisional / <i>Traditional Musical Instrument Making</i>                 |  |  |
|   | <i>Level 4,5: Not Available</i>  |  |  |
| L3  | <b>AC-033-3:2014</b><br>Pembuatan Instrumen Muzik / <i>Musical Instrument Making</i><br>(25-09-2014) |  |  |
|   | <i>Level 1,2: No Job Title</i>   |  |  |

| BAHAGIAN/DIVISION: C32<br>OTHER MANUFACTURING                 |   | KUMPULAN/GROUP: C325<br>MANUFACTURE OF MEDICAL AND DENTAL INSTRUMENTS<br>AND SUPPLIES  |   |
|---|---|--|---|
| <i>(Refer general training prerequisite in NOSS document)</i> |   |  |   |
| Area  | Prostesis / <i>Prosthetist</i>  | Ortotik / <i>Orthotist</i>   | Teknologi Oftalmus / <i>Ophthalmic Technoloy</i>  |
| L5  | <b>MP-041-5</b><br>Prostetis / <i>Prosthetist</i><br>(25-10-10)                             | <b>MP-042-5</b><br>Ortotik / <i>Orthotist</i><br>(25-10-10)                            | <i>Level 5: Not Available</i>   |
| L4  | <b>MP-041-4</b><br>Ahli Teknologi Prostetik / <i>Prosthetics Technologist</i><br>(25-10-10) | <b>MP-042-4</b><br>Ahli Teknologi Ortotik / <i>Orthotic Technologist</i><br>(25-10-10) | <i>Level 4: Not Available</i>   |
| L3  | <b>MP-041-3</b><br>Juruteknik Prostetik / <i>Prosthetics Technician</i><br>(25-10-10)       | <b>MP-042-3</b><br>Juruteknik Ortotik / <i>Orthotic Technician</i><br>(25-10-10)       | <b>MP-100-3:2011</b><br>Teknologi Oftalmus / <i>Ophthalmic Technology</i><br>(20-12-2011) |
|   | <i>Level 1,2: No Job Title</i>  |  |   |

| BAHAGIAN/DIVISION: C32<br>OTHER MANUFACTURING                 |  | KUMPULAN/GROUP: C329<br>OTHER MANUFACTURING n.e.c |  |
|---|--|---|--|
| <i>(Refer general training prerequisite in NOSS document)</i> |  |   |  |
| Area  | Reka Bentuk & Gubahan Floral / <i>Floral Designing &amp; Arrangement</i>   |   |  |
| L5  | <b>HT-071-5:2016</b><br>Pengurusan Reka Bentuk dan Gubahan Floral / <i>Floral Designing and Arrangement Management</i><br>(04-02-2016)   |   |  |
| L4  | <b>HT-071-4:2016</b><br>Pembangunan Reka Bentuk dan Gubahan Floral / <i>Floral Designing and Arrangement Development</i><br>(04-02-2016) |   |  |
| L3  | <b>HT-071-3:2014</b><br>Reka Bentuk Floral / <i>Floral Designing</i><br>(06-03-2007) (02-04-2014)  |   |  |
|   | <i>Level 1,2: No Job Title</i>   |   |  |

| BAHAGIAN/DIVISION: C33<br>REPAIR AND INSTALLATION OF MACHINERY AND EQUIPMENT |   | KUMPULAN/GROUP: C331<br>REPAIR OF FABRICATED METAL PRODUCTS, MACHINERY AND EQUIPMENT |  |
|--|---|--|--|
| <i>(Refer general training prerequisite in NOSS document)</i>                |   |  |  |
| <b>Area</b>  | <b>Mesin Pertanian / Agriculture Machinery</b>  |  |  |
|  | <i>Level 4,5: Not Available</i>   |  |  |
| <b>L3</b>  | <b>AF-062-3:2012</b><br>Operasi Jentera Pertanian & Perladangan / <i>Agriculture &amp; Plantation Machinery Operation</i><br>(18-12-2012)   |  | <b>AF-065-3:2015</b><br>Mekanisasi & Automasi Tanaman Padi / <i>Mechanisation &amp; Automation of Paddy Plantation</i><br>(31-03-2015) |
|  | <i>Level 1,2: No Job Title</i>  |  |  |
| <b>Area</b>  | <b>Penyelenggaraan / Maintenance</b>  |  |  |
|  | <i>Level 4,5: Not Available</i>   |  |  |
| <b>L3</b>  | <b>C331-001-3:2017</b><br>Penyeliaan Penyelenggaraan Superstruktur dan Bot Serimala Gentian Kaca / <i>Fibreglass Boat Hull &amp; Superstructure Maintenance Supervision</i><br>(28-03-2017)                           |  |  |
| <b>L2</b>  | <b>C331-001-2:2017</b><br>Operasi Penyelenggaraan Superstruktur dan Bot Serimala Gentian Kaca / <i>Fibreglass Boat Hull &amp; Superstructure Maintenance Operation</i><br>(28-03-2017)                                |  |  |
|  | <i>Level 1: No Job Title</i>  |  |  |
| <b>Area</b>  | <b>Penyelenggaraan Pengilangan Kelapa Sawit / Palm Oil Milling Maintenance</b>  |  |  |
|  | <i>Level 4,5: Not Available</i>   |  |  |
| <b>L3</b>  | <b>C331-002-3:2017</b><br>Penyelenggaraan Mekanikal Pengilangan Kelapa Sawit / <i>Palm Oil Milling Mechanical Maintenance</i><br>(17-04-2003) (13-06-2017)  |  |  |
| <b>L2</b>  | <b>C331-002-2:2017</b><br>Penyelenggaraan Mekanikal Pengilangan Kelapa Sawit / <i>Palm Oil Milling Mechanical Maintenance</i><br>(17-04-2003) (13-06-2017)  |  |  |
|  | <i>Level 1: No Job Title</i>  |  |  |
| <b>Area</b>  | <b>Rawatan Air - Penyelenggaraan / Water Treatment - Maintenance</b>  |  |  |
|  | <i>Level 4,5: Not Available</i>   |  |  |
| <b>L3</b>  | <b>C331-003-3:2017</b><br>Penyeliaan Fasiliti Rawatan Air / <i>Water Treatment Facility Supervision</i><br>(28-03-2017)   |  |  |
| <b>L2</b>  | <b>C331-003-2:2017</b><br>Penyelenggaraan Fasiliti Rawatan Air / <i>Water Treatment Facility Maintenance</i><br>(28-03-2017)  |  |  |
|  | <i>Level 1: No Job Title</i>  |  |  |
| <b>Area</b>  | <b>Penyelenggaraan Jentera Pertanian / Agricultural Machinery Servicing</b>   |  |  |
| <b>L5</b>  | <b>G452-002-5:2017</b><br>Pengurusan Servis Selepas Jualan – Kenderaan Bermotor / <i>Motor Vehicles - After Sales Service Management</i><br>(20-06-97) (17-07-2012) (28-03-2017)                                      |  |  |
| <b>L4</b>  | <b>G452-002-4:2017</b><br>Operasi Servis Selepas Jualan – Kenderaan Bermotor / <i>Motor Vehicles - After Sales Service Operation</i><br>(20-06-97) (17-07-2012) (28-03-2017)  |  |  |
| <b>L3</b>  | <b>C331-004-3:2017</b><br>Penyelenggaraan & Baikpulih Jentera Kecil Dan Peralatan Pertanian / <i>Agricultural Machinery and Equipment Maintenance &amp; Repair</i><br>(28-11-95) (25-10-10) (30-12-2013) (28-03-2017) |  |  |
|  | <i>Level 1,2: No Job Title</i>  |  |  |

| Area      | <b>/ Apparel Manufacturing Machine Maintenance - Industrial Embroidery Machine</b>  |
|-----------|---|
|           | <i>Level 4,5: Not Available</i>   |
| <b>L3</b> | <b>C331-005-3:2018</b><br>Penyeliaan Penyelenggaraan Mesin Sulaman Industri / <i>Industrial Embroidery Machine Maintenance Supervision</i><br>(08-10-2018)  |
| <b>L2</b> | <b>C331-005-2:2018</b><br>Penyelenggaraan Mesin Sulaman Industri / <i>Industrial Embroidery Machine Maintenance</i><br>(08-10-2018)   |
|           | <i>Level 1: No Job Title</i>  |
| Area      | <b>/ Medical Devices Engineering Services (MDES)</b>  |
|           | <i>Level 4,5: Not Available</i>   |
| <b>L3</b> | <b>C331-006-3:2019</b><br>Penyelenggaraan Peranti Perubatan / <i>Medical Devices Maintenance</i><br>(30-01-2019)  |
|           | <i>Level 1,2: No Job Title</i>  |
| Area      | <b>/ Maintenance, Repair and Overhaul - Mechanical, Electrical, Electronic and Instrumentation</b>  |
| <b>L5</b> | <b>C331-007-5:2019</b><br>Pengurusan Penyelenggaraan, Pembaikan dan Baik Pulih Enjin Pembakaran Dalam / <i>Internal Combustion Engine Maintenance, Repair and Overhaul Management</i><br>(30-01-2019)                     |
| <b>L4</b> | <b>C331-007-4:2019</b><br>Pengurusan Penyelenggaraan, Pembaikan dan Baik Pulih Komponen Enjin Pembakaran Dalam / <i>Internal Combustion Engine Components Maintenance, Repair and Overhaul Management</i><br>(30-01-2019) |
| <b>L3</b> | <b>C331-007-3:2019</b><br>Penyeliaan Operasi Penyelenggaraan, Pembaikan dan Baik Pulih Enjin Pembakaran Dalam / <i>Internal Combustion Engine Maintenance, Repair and Overhaul Operation Supervision</i><br>(30-01-2019)  |
| <b>L2</b> | <b>C331-007-2:2019</b><br>Operasi Penyelenggaraan, Pembaikan dan Baik Pulih Enjin Pembakaran Dalam / <i>Internal Combustion Engine Maintenance, Repair and Overhaul Operation</i><br>(30-01-2019)                         |
|           | <i>Level 1: No Job Title</i>  |
| Area      | <b>Teknologi Senjata &amp; Pengurusan / Weapon Technology &amp; Management</b>  |
| <b>L5</b> | <b>C331-008-5:2019</b><br>Pengurusan Penyelenggaraan Persenjataan / <i>Weapon Maintenance Management</i><br>(07-08-2019)  |
| <b>L4</b> | <b>C331-008-4:2019</b><br>Pengurusan Penyelenggaraan Persenjataan / <i>Weapon Maintenance Management</i><br>(07-08-2019)  |
| <b>L3</b> | <b>C331-008-3:2019</b><br>Penyeliaan Penyelenggaraan Senjata / <i>Weapon Maintenance Supervision</i><br>(19-12-94) (18-11-08) (25-10-10) (30-01-2019)   |
| <b>L2</b> | <b>C331-008-2:2019</b><br>Penyelenggaraan Senjata / <i>Weapon Maintenance</i><br>(19-12-94) (18-11-08) (25-10-10) (30-01-2019)  |
|           | <i>Level 1: No Job Title</i>  |

|             |  |
|-------------|--|
| <b>Area</b> | <b>Hangar Pesawat / Aircraft Hangar</b>  |
| <b>L5</b>   | <b>C331-009-5:2019</b><br>Pengurusan Hangar Pesawat / <i>Aircraft Hangar Management</i><br>(30-01-2019)  |
| <b>L4</b>   | <b>C331-009-4:2019</b><br>Kawalan Operasi Hangar Pesawat / <i>Aircraft Hangar Operation Control</i><br>(30-01-2019)  |
| <b>L3</b>   | <b>TP-060-3:2013</b><br>Operasi Penyelenggaraan Pesawat (Tidak Dipersijilkan) / <i>Aircraft Maintenance Operation (Non Certifying)</i><br>(24-09-98) (07-10-99) (30-12-2013) |
|             | <i>Level 1,2: No Job Title</i>   |
| <b>Area</b> | <b>Bilik Jentera dan Geladak Vesel /</b>   |
|             | <i>Level 4,5: Not Available</i>  |
| <b>L3</b>   | <b>C331-011-3:2019</b><br>Penyelenggaraan Vesel Penangkapan Ikan / <i>Fishing Vesel Maintenance</i><br>(25-04-2019)  |
|             | <i>Level 1,2: No Job Title</i>   |
| <b>Area</b> | <b>Penyelenggaraan Industri / Industrial Maintenance</b>   |
| <b>L5</b>   | <b>C331-012-5:2020</b><br>Teknologi Penyelenggaraan Mesin Industri / <i>Industrial Maintenance Machine Technology</i><br>(30-09-2000) (30-12-2013) (03-09-2020)              |
| <b>L4</b>   | <b>C331-012-4:2020</b><br>Kejuruteraan Penyelenggaraan Mesin Industri / <i>Industrial Maintenance Machine Engineering</i><br>(30-09-2000) (30-12-2013) (03-09-2020)          |
| <b>L3</b>   | <b>C331-012-3:2020</b><br>Operasi Penyelenggaraan Industri / <i>Industrial Maintenance Operations</i><br>(28-11-95) (19-12-2002) (10-12-10) (18-12-2012) (03-09-2020)        |
|             | <i>Level 1,2: No Job Title</i>   |
| <b>Area</b> | <b>Pengelektrikan Rel/ Rail Electrification</b>  |
| <b>L5</b>   | <b>TP-741-5:2016</b><br>Pengurusan Pengelektrikan Rel / <i>Rail Electrification Management</i><br>(04-02-2016)   |
| <b>L4</b>   | <b>TP-741-4:2016</b><br>Operasi & Penyelenggaraan Pengelektrikan Rel / <i>Rail Electrification Operation and Maintenance</i><br>(04-02-2016)                                 |
| <b>L3</b>   | <b>C331-013-3:2020</b><br>Penyelenggaraan Pengelektrikan Rel / <i>Rail Electrification Maintenance</i><br>(18-11-11) (03-09-2020)  |
| <b>L2</b>   | <b>C331-013-2:2020</b><br>Perkhidmatan Pengelektrikan Rel / <i>Rail Electrification Services</i><br>(18-11-11) (03-09-2020)  |
|             | <i>Level 1: No Job Title</i>   |
| <b>Area</b> | <b>Pengendalian dan Penyelenggaraan Peluru dan Bahan Letupan / Ammunition and Explosive (A&amp;E) Handling and Maintenance</b>   |
|             | <i>Level 4,5: Not Available</i>  |
| <b>L3</b>   | <b>C331-014-3:2020</b><br>Operasi Selenggaraan Peluru dan Bahan Letupan / <i>Ammunition and Explosive (A&amp;E) Maintenance Operations</i><br>(03-09-2020)                   |
| <b>L2</b>   | <b>C331-014-2:2020</b><br>Operasi Pengendalian Peluru dan Bahan Letupan / <i>Ammunition and Explosive (A&amp;E) Handling Operations</i><br>(03-09-2020)                      |
|             | <i>Level 1: No Job Title</i>   |

| Area      | <i>Aerospace Sheet Metal Structure Repair</i>   | <i>Aerospace Composite Structure Repair</i>  |
|-----------|---|--|
|           | <i>Level 4,5: Not Available</i>   |  |
| <b>L3</b> | <b>C331-015-3:2021</b><br>Operasi Pembaikpulih dan Pemeriksaan Struktur Kepingan Logam Aeroangkasa / <i>Aerospace Sheet Metal Structure Repair Operation and Inspection</i> (23-10-12) (29-10-2021) | <b>C331-016-3:2021</b><br>Operasi Pembaikan dan Pemeriksaan Struktur Komposit Aeroangkasa / <i>Aerospace Composite Structure Repair Operation and Inspection</i> (23-10-12) (29-10-2021) |
|           | <i>Level 1,2: No Job Title</i>  |  |
| Area      | <b>Penyelenggaraan Pesawat (Avionik) / Aircraft Maintenance (Avionics)</b>  |  |
| <b>L5</b> | <b>C331-017-5:2023</b><br>Pengurusan Penyelenggaraan Pesawat (Avionik) / <i>Aircraft Maintenance Management (Avionics)</i> (25-10-10)(8-5-2023)   |  |
| <b>L4</b> | <b>C331-017-4:2023</b><br>Kejuruteraan Penyelenggaraan Pesawat (Avionik) / <i>Aircraft Maintenance Engineering (Avionics)</i> (30-01-2019)(25-10-10)(8-5-2023)                                      |  |
| <b>L3</b> | <i>(Refer general training prerequisite in NOSS document)</i>   |  |
|           | <i>Level 1,2,3: No Job Title</i>  |  |
| Area      | <b>Penyelenggaraan Peralatan Percetakan / Printing Equipment Maintenance</b>  |  |
|           | <i>Level 4,5: Not Available</i>   |  |
| <b>L3</b> | <b>F-060-3</b><br>Penyelia Percetakan (Elektrik/Elektronik) / <i>Printing Supervisor (Electrical/Electronic)</i> (25-10-96)   |  |
| <b>L2</b> | <b>F-060-2</b><br>Juruteknik Percetakan (Elektrik/Elektronik) / <i>Printing Technician (Electrical/Electronic)</i> (25-10-96)   |  |
|           | <i>Level 1: No Job Title</i>  |  |
| Area      | <b>Operasi MHE / Material Handling Equipment-Internal Combustion Engine Truck</b>   | <b>Operasi MHE / Material Handling Equipment-Operations Personnel</b>  |
|           | <i>Level 4,5: Not Available</i>   |  |
| <b>L3</b> | <b>MC-042-3</b><br>Penyelia Penyelenggaraan (MHE ICT) / <i>Maintenance Supervisor (MHE ICT)</i> (18-12-2012)  | <b>MC-043-3:2016</b><br>Operasi Peralatan Pengendalian Bahan Logistik / <i>Logistics Material Handling Equipment Operations</i> (18-12-2012) (04-02-2016)                                |
| <b>L2</b> | <b>MC-042-2</b><br>Juruteknik Penyelenggaraan (MHE ICT) / <i>Maintenance Technician (MHE ICT)</i> (18-12-2012)  | <i>Level 2: No Job Title</i>   |
| <b>L1</b> | <b>MC-042-1</b><br>Juruteknik Rendah Penyelenggaraan (MHE ICT) / <i>Junior Maintenance Technician (MHE ICT)</i> (18-12-2012)  | <i>Level 1: No Job Title</i>   |
| Area      | <b>Penyelenggaraan Dandang / Boiler Maintenance</b>   |  |
|           | <i>Level 4,5: Not Available</i>   |  |
| <b>L3</b> | <b>ME-011-3:2014</b><br>Perkhidmatan Operasi & Penyelenggaraan Dandang / <i>Boiler Operation &amp; Maintenance Services</i> (25-04-2006) (25-09-2014)   |  |
|           | <i>Level 1: No Job Title</i>  |  |

| Area | <b>Penyelenggaraan Peralatan Percetakan / Printing Equipment Maintenance</b>  |
|------|---|
| L5   | <b>PR-027-5:2016</b><br>Pengurusan Sistem Penyelenggaraan Mesin Percetakan Mekanikal / <i>Mechanical Printing Machine Maintenance System Management</i><br>(24-05-2016) |
| L4   | <b>PR-027-4:2016</b><br>Kawalan Sistem Penyelenggaraan Mesin Percetakan Mekanikal / <i>Mechanical Printing Machine Maintenance System Control</i><br>(24-05-2016)       |
| L3   | <b>PR-027-3:2014</b><br>Penyelenggaraan Mesin Percetakan Mekanikal / <i>Mechanical Printing Machine Maintenance</i><br>(20-06-97) (16-12-2014)                          |
| L2   | <b>PR-027-2:2014</b><br>Servis & Penyelenggaraan Mesin Percetakan / <i>Printing Machine Servicing &amp; Maintenance</i><br>(20-06-97) (16-12-2014)                      |
|      | <i>Level 1: No Job Title</i>  |
| Area | <b>Penyelenggaraan (Mesin Jahit) / Maintenance (Sewing Machines)</b>  |
|      | <i>Level 4,5: Not Available</i>   |
| L3   | <b>TA-014-3:2014</b><br>Penyelenggaraan Mesin Jahit Industri / <i>Industrial Sewing Machine Maintenance Supervision</i><br>(30-10-2003) (16-12-2014)                    |
| L2   | <b>TA-014-2:2014</b><br>Penyelenggaraan Mesin Jahit Industri / <i>Industrial Sewing Machine Maintenance</i><br>(30-10-2003) (16-12-2014)                                |
|      | <i>Level 1: No Job Title</i>  |
| Area | <b>Elektrik / Electrical</b>  |
| L5   | <b>TP-020-5:2012</b><br>Pengurusan Operasi & Penyelenggaraan Elektrik Marin / <i>Marine Electrical Operation &amp; Maintenance Management</i><br>(18-12-2012)           |
| L4   | <b>TP-020-4:2012</b><br>Pentadbiran Operasi & Penyelenggaraan Elektrik Marin / <i>Marine Electrical Operation, Maintenance &amp; Administration</i><br>(18-12-2012)     |
| L3   | <b>TP-020-3:2013</b><br>Penyelenggaraan Elektrik Kapal / <i>Ship Electrical Maintenance</i><br>(23-12-97) (18-11-08) (30-12-2013)                                       |
|      | <i>Level 1,2: No Job Title</i>  |
| Area | <b>Mekanikal / Mechanical</b>   |
| L5   | <b>TP-021-5:2012</b><br>Pengurusan Operasi & Penyelenggaraan Mekanikal Marin / <i>Marine Mechanical Operation &amp; Maintenance Management</i><br>(18-12-2012)          |
| L4   | <b>TP-021-4:2012</b><br>Operasi, Penyelenggaraan & Pentadbiran Mekanikal Marin / <i>Marine Mechanical Operation, Maintenance &amp; Administration</i><br>(18-12-2012)   |
| L3   | <b>TP-021-3:2013</b><br>Penyelenggaraan Marin Mekanikal / <i>Marine Mechanical Maintenance</i><br>(04-04-97) (24-03-09) (30-12-2013)                                    |
|      | <i>Level 1,2: No Job Title</i>  |

| <b>Elektronik / Electronic</b>                                      |   |   |  |
|---|---|---|--|
| <b>L5</b>   | <b>TP-023-5:2012</b><br>Pengurusan Operasi & Penyelenggaraan Elektronik Marin / <i>Marine Electronics Operation &amp; Maintenance Management</i><br>(18-12-2012)                                |   |  |
| <b>L4</b>   | <b>TP-023-4:2012</b><br>Pentadbiran Operasi & Penyelenggaraan & Elektronik Marin / <i>Marine Electronics Operation, Maintenance &amp; Administration</i><br>(18-12-2012)                        |   |  |
| <b>L3</b>   | <b>TP-023-3:2013</b><br>Penyelenggaraan Elektronik Kapal / <i>Ship Electronics Maintenance</i><br>(02-04-98) (01-10-09) (30-12-2013)  |   |  |
|   | <i>Level 1,2: No Job Title</i>  |   |  |
| <b>Penyelenggaraan Enjin Motobot / Motorboat Engine Maintenance</b> |   |   |  |
|   | <i>Level 4,5: Not Available</i>   |   |  |
| <b>L3</b>   | <b>TP-027-3:2013</b><br>Penyelenggaraan Enjin Motobot / <i>Motorboat Engine Maintenance</i><br>(30-12-2013)   |   |  |
|   | <i>Level 1,2: No Job Title</i>  |   |  |
| <b>Penyelenggaraan Pesawat / Air Craft Maintenance</b>              |   |   |  |
|   | <i>Level 4,5: Not Available</i>   |   |  |
| <b>L3</b>   | <b>TP-040-3:2016</b><br>Sokongan Penyelenggaraan Dalaman Pesawat / <i>Air Craft Interior Maintenance Support</i><br>(23-06-2009) (24-05-2016)   |   |  |
|   | <i>Level 1,2: No Job Title</i>  |   |  |
| <b>Pesawat (Mekanikal) / Aircraft (Mechanical)</b>                  |   |   |  |
| <b>L5</b>   | <b>TP-060-5:2013</b><br>Operasi Penyelenggaraan Pesawat dan Persijilan / <i>Aircraft Maintenance Operation and Certification</i><br>(25-10-10) (30-12-2013)                                     |   |  |
| <b>L4</b>   | <b>TP-060-4:2013</b><br>Operasi Penyelenggaraan Pesawat dan Persijilan / <i>Aircraft Maintenance Operation and Certification (Limited Maintenance Authorization)</i><br>(25-10-10) (30-12-2013) |   |  |
| <b>L3</b>   | <b>TP-060-3:2013</b><br>Operasi Penyelenggaraan Pesawat (Tidak Dipersijilkan) / <i>Aircraft Maintenance Operation (Non Certifying)</i><br>(24-09-98) (07-10-99) (30-12-2013)                    |   |  |
|   | <i>Level 1,2: No Job Title</i>  |   |  |
| <b>Kimpalan / Aviation Welding</b>                                  |   | <b>Pengecatan / Aviation Painting</b>   |  |
|   | <i>Level 4,5: Not Available</i>   |   |  |
| <b>L3</b>   | <b>TP-074-3:2012</b><br>Kimpalan Pesawat / <i>Aviation Welding</i><br>(18-12-2012)  | <b>TP-075-3:2012</b><br>Pengecatan Pesawat / <i>Aviation Painting</i><br>(18-12-2012) |  |
| <b>L2</b>   | <b>TP-074-2:2012</b><br>Kimpalan Pesawat / <i>Aviation Welding</i><br>(18-12-2012)  | <b>TP-075-2:2012</b><br>Pengecatan Pesawat / <i>Aviation Painting</i><br>(18-12-2012) |  |
| <b>L1</b>   | <b>TP-074-1:2012</b><br>Kimpalan Pesawat / <i>Aviation Welding</i><br>(18-12-2012)  | <b>TP-075-1:2012</b><br>Pengecatan Pesawat / <i>Aviation Painting</i><br>(18-12-2012) |  |

| <b>BAHAGIAN/DIVISION: C33</b><br>REPAIR AND INSTALLATION OF MACHINERY AND EQUIPMENT |  | <b>KUMPULAN/GROUP: C332</b><br>INSTALLATION OF INDUSTRIAL MACHINERY AND EQUIPMENT |   |  |
|---|--|---|---|--|
| <i>(Refer general training prerequisite in NOSS document)</i>                       |  |   |   |  |
| Area  | Mekatronik /<br>Mechatronic  | Automasi Perindustrian<br>/ Industrial Automation                                 | Teknologi Robotik /<br>Robotic Technology   | / Electronic in<br>Automation Technology |
| L5  | <b>MC-091-5:2016</b><br>Pembangunan Sistem Kejuruteraan Automasi Industri /<br><i>Industrial Automation Engineering Systems Development</i><br>(17-12-98) (23-06-2009) (06-07-2000) (10-12-10)<br>(20-12-2011) (30-12-2013) (04-02-2016) |   | <b>C332-001-5:2018</b><br>Pelaksanaan Sistem Teknologi Automasi Elektronik /<br><i>Electronic Automation Technology System Implementation</i><br>(08-10-2018) |  |
| L4  | <b>MC-091-4:2016</b><br>Sokongan Sistem Kejuruteraan Automasi Industri /<br><i>Industrial Automation Engineering Systems Support</i><br>(17-12-98) (23-06-2009) (06-07-2000) (10-12-10)<br>(20-12-2011) (30-12-2013) (04-02-2016)        |   | <b>C332-001-4:2018</b><br>Pembangunan Sistem Teknologi Automasi Elektronik /<br><i>Electronic Automation Technology System Development</i><br>(08-10-2018)    |  |
| L3  | <b>MC-091-3:2016</b><br>Pemasangan Sistem Kejuruteraan Automasi Industri /<br><i>Industrial Automation Engineering Systems Assembly</i><br>(06-03-2007) (30-12-2013) (04-02-2016)  |   |   |  |
| L2  | <b>MC-091-2:2016</b><br>Perkhidmatan Kejuruteraan Automasi Industri /<br><i>Industrial Automation Engineering Services</i><br>(06-03-2007) (30-12-2013) (04-02-2016)   |   |   |  |
| <i>Level 1: No Job Title</i>  |  |   |   |  |



## 11. STANDARD DI BAWAH SEKSYEN EKONOMI MSIC D: BEKALAN ELEKTRIK, GAS, WAP DAN PENDINGIN UDARA

| SECTION D: ELECTRICITY, GAS, STEAM AND AIR CONDITIONING SUPPLY |  |   |
|--|--|---|
| BAHAGIAN/<br>DIVISION  | KUMPULAN/<br>GROUP   | KETERANGAN/<br>DESCRIPTION                                      |
| D35  | <b>ELECTRICITY, GAS, STEAM AND AIR CONDITIONING SUPPLY</b> |   |
|  | D351   | ELECTRIC POWER GENERATION, TRANSMISSION AND DISTRIBUTION        |
|  | D352   | MANUFACTURE OF GAS, DISTRIBUTION OF GASEOUS FUELS THROUGH MAINS |
|  | D353   | STEAM AND AIR CONDITIONING SUPPLY                               |

| BAHAGIAN/DIVISION: D35<br>ELECTRICITY, GAS, STEAM AND AIR CONDITIONING SUPPLY |  | KUMPULAN/GROUP: D351<br>ELECTRIC POWER GENERATION, TRANSMISSION AND DISTRIBUTION  |
|---|--|---|
| <i>(Refer general training prerequisite in NOSS document)</i>                 |  |   |
| <b>Area</b>   | <b>Loji Penjanaan Kuasa Hidro Kecil / Small Hydro Plant Power Generation</b>   |   |
|   | <i>Level 4,5: Not Available</i>  |   |
| L3  | <b>D351-001-3:2016</b><br>Operasi & Penyelenggaraan Dan Penyeliaan Loji Hidro Kecil / Small Hydro Plant Operations & Maintenance And Supervision<br>(06-12-2016)         |   |
| L2  | <b>D351-001-2:2016</b><br>Operasi & Penyelenggaraan Loji Hidro Kecil / Small Hydro Plant Operations & Maintenance<br>(06-12-2016)  |   |
| L1  | <b>D351-001-1:2016</b><br>Operasi & Penyelenggaraan Pengambilan Hidro Kecil (Aliran Sungai) / Small Hydro (Run Of River) Intake Operations & Maintenance<br>(06-12-2016) |   |
| <b>Area</b>   | <b>Stesen Janaelektrik Arang Batu / Coal-Fired Power Plant</b>   | <b>Stesen Janaelektrik Kitar Padu / Combined Cycle Power Plant</b>  |
| L5  | <b>D351-002-5:2020</b><br>Pengurusan Operasi Stesen Janaelektrik Arang Batu / Coal-Fired Power Plant Operation Management<br>(03-09-2020)                                | <b>D351-003-5:2020</b><br>Pengurusan Operasi Stesen Janaelektrik Kitar Padu / Combined Cycle Power Plant Operation Management<br>(03-09-2020) |
| L4  | <b>D351-002-4:2020</b><br>Kawalan Operasi Stesen Janaelektrik Arang Batu / Coal-Fired Power Plant Operation Control<br>(03-09-2020)                                      | <b>D351-003-4:2020</b><br>Kawalan Operasi Stesen Janaelektrik Kitar Padu / Combined Cycle Power Plant Operation Control<br>(03-09-2020)       |
| L3  | <b>EE-214-3:2016</b><br>Operasi Loji Janakuasa Kitar Padu/Arang Batu / Combined-Cycle / Coal-Fired Power Plant Operation<br>(04-02-2016)                                 |   |
|   | <i>Level 1,2: No Job Title</i>   |   |

| BAHAGIAN/DIVISION: D35<br>ELECTRICITY, GAS, STEAM AND AIR CONDITIONING SUPPLY |  | KUMPULAN/GROUP: D352<br>MANUFACTURE OF GAS, DISTRIBUTION OF GASEOUS FUELS THROUGH MAINS |
|---|--|---|
| <i>(Refer general training prerequisite in NOSS document)</i>                 |  |   |
| <b>Area</b>   | <b>Gas Asli Bio / Bio Natural Gas</b>  |   |
|   | <i>Level 4,5: Not Available</i>  |   |
| L3  | <b>D352-001-3:2016</b><br>Operasi Loji Gas Asli Bio Mampat / Bio Compressed Natural Gas Plant Operations<br>(06-12-2016) |   |
|   | <i>Level 1,2: No Job Title</i>   |   |

| <b>Area</b> | <b>Operasi Loji Janakuasa Biojisim / Biomass Energy Generation Plant Operation</b>   |
|-------------|--|
| <b>L5</b>   | <b>D352-002-5:2017</b><br>Pengurusan Loji Janakuasa Biojisim / <i>Biomass Energy Generation Plant Management</i><br>(27-11-2017)   |
| <b>L4</b>   | <b>D352-002-4:2017</b><br>Pengurusan Operasi dan Penyelenggaraan Loji Janakuasa Biojisim / <i>Biomass Energy Generation Plant Operation and Maintenance Management</i><br>(27-11-2017) |
| <b>L3</b>   | <b>D352-002-3:2017</b><br>Kawalan Operasi Loji Janakuasa Biojisim / <i>Biomass Energy Generation Plant Operation Control</i><br>(27-11-2017)   |
| <b>L2</b>   | <b>D352-002-2:2017</b><br>Operasi Loji Janakuasa Biojisim / <i>Biomass Energy Generation Plant Operation</i><br>(27-11-2017)   |
|             | <i>Level 1: No Job Title</i>   |
| <b>Area</b> | <b>Pemasangan Paip Gas / Gas Pipe Installation</b>   |
|             | <i>Level 4,5: Not Available</i>  |
| <b>L3</b>   | <b>FTG3</b><br>Jurugegas Gas Kelas I / <i>Gas Fitter Class I</i><br>(28-04-94) (08-11-01)  |
| <b>L2</b>   | <b>FTG2</b><br>Jurugegas Gas Kelas II / <i>Gas Fitter Class II</i><br>(28-04-94) (08-11-01)  |
| <b>L1</b>   | <b>FTG1</b><br>Jurugegas Gas Kelas III / <i>Gas Fitter Class III</i><br>(28-04-94) (08-11-01)  |
| <b>Area</b> | <b>Pencerna Anaerobik / Anaerobic Digester</b>   |
| <b>L5</b>   | <b>LE-041-5:2016</b><br>Pengurusan Loji Biogas Pencerna Anaerobik / <i>Anaerobic Digester Biogas Plant Management</i><br>(04-02-2016)  |
| <b>L4</b>   | <b>LE-041-4:2016</b><br>Pengurusan Loji Biogas Pencerna Anaerobik / <i>Anaerobic Digester Biogas Plant Management</i><br>(04-02-2016)  |
| <b>L3</b>   | <b>LE-041-3:2016</b><br>Penyeliaan Loji Biogas Pencerna Anaerobik / <i>Anaerobic Digester Biogas Plant Supervision</i><br>(04-02-2016)   |
| <b>L2</b>   | <b>LE-041-2:2016</b><br>Operasi dan Penyelenggaraan Loji Biogas Pencerna Anaerobik / <i>Anaerobic Digester Biogas Plant Operation And Maintenance</i><br>(04-02-2016)                  |
|             | <i>Level 1: No Job Title</i>   |
| <b>Area</b> | <b>/ Biogas Plant - Landfill Gas</b>   |
| <b>L5</b>   | <b>D352-003-5:2018</b><br>Pengurusan Loji Gas Tapak Pelupusan / <i>Landfill Gas Plant (LFGP) Management</i><br>(06-02-2018)  |
| <b>L4</b>   | <b>D352-003-4:2018</b><br>Pengurusan Operasi Loji Gas Tapak Pelupusan / <i>Landfill Gas Plant (LFGP) Operation Management</i><br>(06-02-2018)  |
| <b>L3</b>   | <b>D352-003-3:2018</b><br>Kawalan dan Penyeliaan Operasi Logi Gas Tapak Pelupusan / <i>Landfill Gas Plant (LFGP) Operation Control and Supervision</i><br>(06-02-2018)                 |
| <b>L2</b>   | <b>D352-003-2:2018</b><br>Operasi Loji Gas Tapak Pelupusan / <i>Landfill Gas Plant (LFGP) Operation</i><br>(06-02-2018)  |
|             | <i>Level 1: No Job Title</i>   |

| Area | Keselamatan Atmosfera / <i>Atmospheric Safety</i>   |
|------|---|
|      | <i>Level 4,5: Not Available</i>   |
| L3   | <b>D352-004-3:2019</b><br>Operasi Pengujian Atmosfera<br><i>Atmospheric Testing Operations</i><br>(30-01-2019)  |
| L2   | <b>D352-004-2:2019</b><br>Operasi Keselamatan Atmosfera<br><i>Atmospheric Safety Operations</i><br>(30-01-2019) |
|      | <i>Level 1: No Job Title</i>  |

**12. STANDARD DI BAWAH SEKSYEN EKONOMI MSIC E: BEKALAN AIR; PEMBENTUNGAN, PENGURUSAN SISA DAN AKTIVITI PEMULIHAN**

| <b>SECTION E: WATER SUPPLY; SEWERAGE, WASTE MANAGEMENT AND REMEDIATION ACTIVITIES</b> |   |  |
|---|---|--|
| <b>BAHAGIAN/<br/>DIVISION</b>   | <b>KUMPULAN/<br/>GROUP</b>  | <b>KETERANGAN/<br/>DESCRIPTION</b>                                 |
| <b>E36</b>  | <b>WATER COLLECTION, TREATMENT AND SUPPLY</b>                                 |  |
|   | <b>E360</b>   | <i>WATER COLLECTION, TREATMENT AND SUPPLY</i>                      |
| <b>E37</b>  | <b>SEWERAGE</b>   |  |
|   | <b>E370</b>   | <i>SEWERAGE</i>  |
| <b>E38</b>  | <b>WASTE COLLECTION, TREATMENT AND DISPOSAL ACTIVITIES MATERIALS RECOVERY</b> |  |
|   | <b>E381</b>   | <i>WASTE COLLECTION</i>  |
|   | <b>E382</b>   | <i>WASTE TREATMENT AND DISPOSAL</i>                                |
|   | <b>E383</b>   | <i>MATERIALS RECOVERY</i>  |
| <b>E39</b>  | <b>REMEDICATION ACTIVITIES AND OTHER WASTE MANAGEMENT SERVICES</b>            |  |
|   | <b>E390</b>   | <i>REMEDICATION ACTIVITIES AND OTHER WASTE MANAGEMENT SERVICES</i> |

| <b>BAHAGIAN/DIVISION: E36<br/>WATER COLLECTION, TREATMENT AND SUPPLY</b> |   | <b>KUMPULAN/GROUP: E360<br/>WATER COLLECTION, TREATMENT AND SUPPLY</b> |
|--|---|--|
| <i>(Refer general training prerequisite in NOSS document)</i>            |   |  |
| <b>Area</b>  | <b>Rawatan Air (Kualiti Air / Makmal) / Water Treatment (Water Quality / Laboratory)</b>  |  |
| <b>L5</b>  | <b>E360-004-5:2023</b><br><i>Pengurusan Makmal Kualiti Air / Water Quality Laboratory Management (8-5-2023)</i>   |  |
| <b>L4</b>  | <b>E360-004-4:2023</b><br><i>Operasi Makmal Kualiti Air / Water Quality Laboratory Operation (8-5-2023)</i>   |  |
| <b>L3</b>  | <b>E360-001-3:2016</b><br><i>Kawalan Kualiti Dan Pengujian Rawatan Air (Makmal) / Water Treatment Quality Control And Testing (Laboratory) (06-12-2016)</i>   |  |
| <b>L2</b>  | <b>E360-001-2:2016</b><br><i>Kawalan Kualiti Rawatan Air (Makmal) / Water Treatment Quality Control (Laboratory) (06-12-2016)</i>                             |  |
| <i>Level 1: No Job Title</i>   |   |  |
| <b>Area</b>  | <b>Air Tidak Berhasil (NRW) / Non Revenue Water (NRW)</b>   |  |
| <b>L5</b>  | <b>E360-002-5:2016</b><br><i>Pengurusan Teknikal Air Tidak Berhasil (NRW) / Non Revenue Water (NRW) Technical Management (06-12-2016)</i>                     |  |
| <b>L4</b>  | <b>E360-002-4:2016</b><br><i>Operasi Dan Kawalan Teknikal Air Tidak Berhasil (NRW) / Non Revenue Water (NRW) Operation And Technical Control (06-12-2016)</i> |  |
| <b>L3</b>  | <b>CM-022-3:2016</b><br><i>Kawalan Operasi Air Tidak Berhasil / Non Revenue Water Operation Control (04-02-2016)</i>  |  |
| <b>L2</b>  | <b>CM-022-2:2016</b><br><i>Operasi Air Tidak Berhasil / Non Revenue Water Operation (04-02-2016)</i>  |  |
| <b>L1</b>  | <b>CM-022-1:2016</b><br><i>Operasi Air Tidak Berhasil / Non Revenue Water Operation (04-02-2016)</i>  |  |

| <b>Area</b>                     | <b>Instrumentasi / Instrumentation</b>  | <b>Agihan / Distribution</b>  | <b>Proses Rawatan Air / Water Treatment Process</b>   |
|---------------------------------|---|---|---|
| <b>L5</b>                       | <b>E360-003-5:2019</b><br>Pengurusan Instrumentasi Bekalan Air / <i>Water Supply Instrumentation Management</i><br>(01-10-09) (30-01-2019)  | <b>CM-021-5:2014</b><br>Pengurusan Pengagihan Air / <i>Water Distribution Management</i><br>(24-03-09) (25-09-2014)                   | <b>CM-060-5:2012</b><br>Pengurusan Operasi Loji Pemprosesan Air / <i>Water Treatment Plant Operation Management</i><br>(18-12-2012) |
| <b>L4</b>                       | <b>E360-003-4:2019</b><br>Pengurusan Operasi Instrumentasi Bekalan Air / <i>Water Supply Instrumentation Operation Management</i><br>(01-10-09) (30-01-2019)                                    | <b>CM-021-4:2014</b><br>Pengurusan Operasi Pengagihan Air / <i>Water Distribution Operation Management</i><br>(24-03-09) (25-09-2014) | <b>CM-060-4:2012</b><br>Pengurusan Operasi Loji Pemprosesan Air / <i>Water Treatment Plant Operation Management</i><br>(18-12-2012) |
| <b>L3</b>                       | <b>E360-003-3:2019</b><br>Penyeliaan Instrumentasi Bekalan Air / <i>Water Supply Instrumentation Supervision</i><br>(01-10-09) (30-01-2019)   | <b>CM-021-3:2014</b><br>Penyeliaan Pengagihan Air / <i>Water Distribution Supervision</i><br>(24-03-09) (25-09-2014)                  | <b>CM-060-3:2014</b><br>Penyeliaan Operasi Rawatan Air / <i>Water Treatment Operation Supervision</i><br>(23-06-09) (25-09-2014)    |
| <b>L2</b>                       | <b>E360-003-2:2019</b><br>Aplikasi Instrumentasi Bekalan Air / <i>Water Supply Instrumentation Application</i><br>(01-10-09) (30-01-2019)   | <b>CM-021-2:2014</b><br>Operasi Pengagihan Air / <i>Water Distribution Operation</i><br>(24-03-09) (25-09-2014)                       | <b>CM-060-2:2014</b><br>Perkhidmatan Operasi Rawatan Air / <i>Water Treatment Operation Services</i><br>(23-06-09) (25-09-2014)     |
| <i>Level 1: No Job Title</i>    |   |   |   |
| <i>Level 4,5: Not Available</i> |   |   |   |
| <b>Area</b>                     | <b>/ Customer Service – Water Meter Reading and Billing</b>   |   |   |
| <b>L3</b>                       | <b>E360-005-3:2023</b><br>Pembacaan Meter Air dan Pengebilan / <i>Water Meter Reading and Billing</i><br>(8-5-2023)   |   |   |
| <b>L2</b>                       | <b>E360-005-2:2023</b><br>Pembacaan Meter Air dan Pengebilan / <i>Water Meter Reading and Billing</i><br>(8-5-2023)   |   |   |
| <i>Level 1: No Job Title</i>    |   |   |   |
| <b>Area</b>                     | <b>Water Infrastructure Development</b>   |   |   |
|                                 | <b>Perancangan dan Reka Bentuk / Planning and Design</b>  | <b>Pengurusan Aset / Asset Management</b>   |   |
| <i>Level 4,5: Not Available</i> |   |   |   |
| <b>L3</b>                       | <b>E360-006-3:2023</b><br>Pra-Reka Bentuk Pembangunan Infrastruktur Air (Perancangan dan Reka Bentuk) / <i>Water Infrastructure (Planning and Design) Pre-Design Development</i><br>(8-5-2023)  | <b>E360-007-3:2023</b><br>Penilaian Aset Infrastruktur Air / <i>Water Infrastructure Asset Assessment</i><br>(8-5-2023)               |   |
| <b>L2</b>                       | <b>E360-006-2:2023</b><br>Pengumpulan Data Teknikal (Perancangan dan Reka Bentuk) Infrastruktur Air / <i>Water Infrastructure (Planning and Design) Technical Data Collection</i><br>(8-5-2023) | <b>E360-007-2:2023</b><br>Pemprofilan Aset Infrastruktur Air / <i>Water Infrastructure Asset Profiling</i><br>(8-5-2023)              |   |
| <i>Level 1: No Job Title</i>    |   |   |   |

| Area  | Operasi Empangan / Dam Operation   |
|---|--|
|   | <i>Level 4,5: Not Available</i>  |
| <b>L3</b>   | <b>CM-082-3:2016</b><br>Penyeliaan & Pengurusan Keselamatan Empangan / <i>Dam Safety Management &amp; Supervision</i><br>(24-05-2016)  |
| <b>L2</b>   | <b>CM-082-2:2016</b><br>Pengurusan & Operasi Keselamatan Empangan / <i>Dam Safety Management &amp; Operation</i><br>(24-05-2016)   |
| <b>L1</b>   | <b>CM-082-1:2016</b><br>Pengurusan & Operasi Keselamatan Empangan / <i>Dam Safety Management &amp; Operation</i><br>(24-05-2016)   |
| <b>BAHAGIAN/DIVISION: E37</b><br><i>SEWERAGE</i>              |  |
| <b>KUMPULAN/GROUP: E370</b><br><i>SEWERAGE</i>                |  |
| <i>(Refer general training prerequisite in NOSS document)</i> |  |
| Area  | Operasi & Penyelenggaraan (Rawatan)/Operation & Maintenance (Treatment)  |
| <b>L5</b>   | <b>E370-001-5:2016</b><br>Pengurusan Operasi Loji Rawatan Kumbahan / <i>Sewage Treatment Plant Operation Management</i><br>(06-12-2016)  |
| <b>L4</b>   | <b>E370-001-4:2016</b><br>Kawalan Operasi Loji Rawatan Kumbahan / <i>Sewage Treatment Plant Operation Control</i><br>(06-12-2016)  |
| <b>L3</b>   | <b>CM-031-3:2014</b><br>Penyeliaan Rawatan Kumbahan / <i>Sewage Treatment Supervision</i><br>(24-03-09) (25-09-2014)   |
| <b>L2</b>   | <b>CM-031-2:2014</b><br>Operasi Rawatan Kumbahan / <i>Sewage Treatment Maintenance</i><br>(24-03-09) (25-09-2014)  |
| <i>Level 1: No Job Title</i>                                  |  |
| Area  | Operasi dan Penyelenggaraan Rangkaian Paip Pembetulan  |
| <b>L5</b>   | <b>E370-003-5:2022</b><br>Pengurusan Operasi dan Penyelenggaraan Rangkaian Paip Pembetulan / <i>Sewer Network Operation and Maintenance Management</i><br>(28-03-2017) (21-4-2022)                         |
| <b>L4</b>   | <b>E370-003-4:2022</b><br>Pentadbiran Teknikal Operasi dan Penyelenggaraan Rangkaian Paip Pembetulan / <i>Sewer Network Operation and Maintenance Technical Administration</i><br>(28-03-2017) (21-4-2022) |
| <b>L3</b>   | <b>E370-003-3:2022</b><br>Penyeliaan Operasi dan Penyelenggaraan Rangkaian Paip Pembetulan / <i>Sewer Network Operation and Maintenance Supervision</i><br>(24-05-2016) (21-4-2022)                        |
| <b>L2</b>   | <b>E370-003-2:2022</b><br>Perkhidmatan Operasi dan Penyelenggaraan Rangkaian Paip Pembetulan / <i>Sewer Network Operation and Maintenance Services</i><br>(24-05-2016) (21-4-2022)                         |
| <i>Level 1: No Job Title</i>                                  |  |
| Area  | Pengurusan Aset Pembetulan / Sewerage Asset Management   |
| <i>Level 4,5: Not Available</i>                               |  |
| <b>L3</b>   | <b>E370-004-3:2023</b><br>Pembangunan Infrastruktur Pembetulan (Pengurusan Aset) / <i>Sewerage Infrastructure Development (Asset Management)</i><br>(8-5-2023)   |
| <i>Level 1,2: No Job Title</i>                                |  |

| <b>BAHAGIAN/DIVISION: E38</b><br>WASTE COLLECTION, TREATMENT AND DISPOSAL<br>ACTIVITIES MATERIALS RECOVERY |   | <b>KUMPULAN/GROUP: E381</b><br>WASTE COLLECTION             |  |
|--|---|---|--|
| <i>(Refer general training prerequisite in NOSS document)</i>  |   |   |  |
| <b>Area</b>  | <b>/ Biohazard &amp; Medical Waste – Collection, Storage, Treatment &amp; Disposal</b>  |   |  |
|  | <i>Level 4,5: Not Available</i>   |   |  |
| <b>L3</b>  | <b>E381-001-3:2017</b><br>Biohazard & Medical Waste Operations Supervision<br>(28-03-2017)  |   |  |
| <b>L2</b>  | <b>E381-001-2:2017</b><br>Biohazard & Medical Waste Handling Operations<br>(28-03-2017)   |   |  |
|  | <i>Level 1: No Job Title</i>  |   |  |
| <b>BAHAGIAN/DIVISION: E38</b><br>WASTE COLLECTION, TREATMENT AND DISPOSAL<br>ACTIVITIES MATERIALS RECOVERY |   | <b>KUMPULAN/GROUP: E382</b><br>WASTE TREATMENT AND DISPOSAL |  |
| <i>(Refer general training prerequisite in NOSS document)</i>  |   |   |  |
| <b>Area</b>  | <b>/ Operation and Maintenance (Desludging and Discharge)</b>   |   |  |
| <b>L5</b>  | <b>E382-001-5:2017</b><br>Sewage Sludge Desludging and Discharge Management<br>(28-03-2017)   |   |  |
| <b>L4</b>  | <b>E382-001-4:2017</b><br>Sewage Sludge Desludging and Discharge Administration<br>(28-03-2017)   |   |  |
| <b>L3</b>  | <b>E382-001-3:2017</b><br>Sewage Sludge Desludging and Discharge Supervision<br>(28-03-2017)  |   |  |
| <b>L2</b>  | <b>E382-001-2:2017</b><br>Sewage Sludge Desludging and Discharge Operation<br>(28-03-2017)  |   |  |
|  | <i>Level 1: No Job Title</i>  |   |  |
| <b>Area</b>  | <b>Sistem Rawatan Efluen Industri/ Industrial Effluent Treatment System</b>   |   |  |
| <b>L5</b>  | <b>LE-035-5:2014</b><br>Pengoptimuman Operasi IETS / <i>IETS Operations Specialization</i><br>(25-09-2014)  |   |  |
| <b>L4</b>  | <b>LE-035-4:2014</b><br>Pengoptimuman Operasi IETS / <i>IETS Operations Optimization</i><br>(25-09-2014)  |   |  |
| <b>L3</b>  | <b>LE-035-3:2013</b><br>Penyeliaan Operasi Sistem Rawatan Efluen Industri / <i>Industrial Effluent Treatment System (IETS) Operation Supervisor</i><br>(30-12-2013)         |   |  |
| <b>L2</b>  | <b>LE-035-2:2013</b><br>Operasi & Perkhidmatan Sistem Rawatan Efluen Industri / <i>Industrial Effluent Treatment System (IETS) Operation &amp; Services</i><br>(30-12-2013) |   |  |
|  | <i>Level 1: No Job Title</i>  |   |  |

| <b>Area</b>                  | <b>Sistem Operasi Bahan Buangan/<br/>Scheduled Waste Operation<br/>System</b>  | <b>Pengurusan Sisa Pepejal/ Solid<br/>Waste Management</b>   | <b>Kawalan Pencemaran Udara<br/>Industri/ Industrial Air<br/>Pollution Control</b>  |
|------------------------------|--|--|---|
| <b>L5</b>                    | <b>LE-036-5:2014</b><br>Pengurusan Operasi Bahan Buangan Berkala / <i>Scheduled Wastes Operations Management</i> (25-09-2014)  | <b>LE-037-5:2014</b><br>Pengurusan Kemudahan Sisa Pepejal / <i>Solid Waste Facility Management</i> (25-09-2014)                                      | <b>LE-038-5:2016</b><br>Pengurusan Sistem Kawalan Pencemaran Udara Industri / <i>Industrial Air Pollution Control System Management</i> (04-02-2016)                |
| <b>L4</b>                    | <b>LE-036-4:2014</b><br>Pengurusan Operasi Bahan Buangan Berkala / <i>Scheduled Wastes Operations Management</i> (25-09-2014)  | <b>LE-037-4:2014</b><br>Pentadbiran Kemudahan Sisa Pepejal / <i>Solid Waste Facility Administration</i> (25-09-2014)                                 | <b>LE-038-4:2016</b><br>Kawalan Prestasi Sistem Kawalan Pencemaran Udara Industri / <i>Industrial Air Pollution Control System Performance Control</i> (04-02-2016) |
| <b>L3</b>                    | <b>LE-036-3:2013</b><br>Penyeliaan Operasi Bahan Buangan Berkala / <i>Scheduled Wastes Operation Supervision</i> (30-12-2013)  | <b>E382-002-3:2020</b><br>Operasi Rawatan Dan Pelupusan Sisa Pepejal / <i>Solid Waste Treatment and Disposal Operation</i> (25-09-2014) (13-11-2020) | <b>LE-038-3:2014</b><br>Penyeliaan Sistem Kawalan Pencemaran Udara Industri / <i>Industrial Air Pollution Control System Supervision</i> (25-09-2014)               |
| <b>L2</b>                    | <b>LE-036-2:2013</b><br>Operasi Bahan Buangan Berkala / <i>Scheduled Wastes Operation</i> (30-12-2013)   | <i>Level 2: No Job Title</i>   | <b>LE-038-2:2014</b><br>Operasi Sistem Kawalan Pencemaran Udara Industri / <i>Industrial Air Pollution Control System Operation</i> (25-09-2014)                    |
| <i>Level 1: No Job Title</i> |  |  |   |
| <b>Area</b>                  | <b>Industri Bangunan Hijau- Pengurusan Sisa Pepejal/ Green Building Industry- Solid Waste Management</b>   |  |   |
| <b>L5</b>                    | <b>LE-031-5:2012</b><br>Pengumpulan Sisa Pepejal & Pengurusan Operasi Pembersihan Awam / <i>Solid Waste Collection and Public Cleansing Operation Management</i> (05-04-2012)      |  |   |
| <b>L4</b>                    | <b>LE-031-4:2012</b><br>Pengumpulan Sisa Pepejal & Pentadbiran Operasi Pembersihan Awam / <i>Solid Waste Collection and Public Cleansing Operation Administration</i> (05-04-2012) |  |   |
| <b>L3</b>                    | <b>LE-031-3:2012</b><br>Penyeliaan Operasi Pengumpulan Sisa Pepejal / <i>Solid Waste Collection Operation Supervision</i> (05-04-2012)   |  |   |
| <b>L2</b>                    | <b>LE-032-2:2012</b><br>Operasi Trak Pengumpulan Sisa Pepejal / <i>Solid Waste Collection Truck Operation</i> (05-04-2012)   | <b>LE-031-2:2012</b><br>Operasi Pengumpulan Sisa Pepejal / <i>Solid Waste Collection Operation</i> (05-04-2012)                                      |   |
| <i>Level 1: No Job Title</i> |  |  |   |



|  |   |   |
|--|---|---|
| <b>Area</b>  | <b>Industri Bangunan Hijau- Pengurusan Operasi Pembersihan Awam/ Green Building Industry- Public Cleansing Operation Management</b>   |   |
| <b>L5</b>  | <b>LE-031-5:2012</b><br>Pengumpulan Sisa Pepejal & Pengurusan Operasi Pembersihan Awam / <i>Solid Waste Collection and Public Cleansing Operation Management</i><br>(05-04-2012)      |   |
| <b>L4</b>  | <b>LE-031-4:2012</b><br>Pengumpulan Sisa Pepejal & Pentadbiran Operasi Pembersihan Awam / <i>Solid Waste Collection and Public Cleansing Operation Administration</i><br>(05-04-2012) |   |
| <b>L3</b>  | <b>LE-033-3:2012</b><br>Penyeliaan Operasi Pembersihan Awam / <i>Public Cleansing Operation Supervision</i><br>(18-12-2012)   |   |
| <b>L2</b>  | <b>LE-033-2:2012</b><br>Operasi Manual Pembersihan Awam / <i>Public Cleansing Manual Operation</i><br>(18-12-2012)  | <b>LE-034-2:2012</b><br>Operasi Mekanikal Pembersihan Awam / <i>Public Cleansing Mechanical Operation</i><br>(18-12-2012) |
| <i>Level 1: No Job Title</i>   |   |   |
| <b>BAHAGIAN/DIVISION: E38</b><br>WASTE COLLECTION, TREATMENT AND DISPOSAL<br>ACTIVITIES MATERIALS RECOVERY |   | <b>KUMPULAN/GROUP: E383</b><br>MATERIALS RECOVERY   |
| <i>(Refer general training prerequisite in NOSS document)</i>  |   |   |
| <b>Area</b>  | <b>/ Vehicle Parts and Components Salvaging</b>   |   |
| <i>Level 4,5: Not Available</i>  |   |   |
| <b>L3</b>  | <b>E383-001-3:2017</b><br>ELV - Parts & Components Salvage<br>(28-03-2017)  |   |
| <i>Level 1,2: No Job Title</i>   |   |   |
| <b>Area</b>  | <b>Kitar Semula Plastik / Plastic Recycling</b>   |   |
| <i>Level 4,5: Not Available</i>  |   |   |
| <b>L3</b>  | <b>E383-002-3:2020</b><br>Operasi Kitar Semula Plastik / <i>Plastic Recycling Operation</i><br>(03-09-2020)   |   |
| <i>Level 1,2: No Job Title</i>   |   |   |

### 13. STANDARD DI BAWAH SEKSYEN EKONOMI MSIC F: PEMBINAAN

| <b>SECTION F: CONSTRUCTION</b> |  |   |
|--------------------------------|--|---|
| <b>BAHAGIAN/<br/>DIVISION</b>  | <b>KUMPULAN/<br/>GROUP</b>                 | <b>KETERANGAN/<br/>DESCRIPTION</b>                                  |
| <b>F41</b>                     | <b>CONSTRUCTION OF BUILDING</b>            |   |
|                                | <b>F410</b>                                | CONSTRUCTION OF BUILDING  |
| <b>F42</b>                     | <b>CIVIL ENGINEERING</b>                   |   |
|                                | <b>F421</b>                                | CONSTRUCTION OF ROADS AND RAILWAYS                                  |
|                                | <b>F422</b>                                | CONSTRUCTION OF UTILITY PROJECTS                                    |
|                                | <b>F429</b>                                | CONSTRUCTION OF OTHER CIVIL ENGINEERING PROJECTS                    |
| <b>F43</b>                     | <b>SPECIALIZED CONSTRUCTION ACTIVITIES</b> |   |
|                                | <b>F431</b>                                | DEMOLITION AND SITE PREPARATION                                     |
|                                | <b>F432</b>                                | ELECTRICAL, PLUMBING AND OTHER CONSTRUCTION INSTALLATION ACTIVITIES |
|                                | <b>F433</b>                                | BUILDING COMPLETION AND FINISHING                                   |
|                                | <b>F439</b>                                | OTHER SPECIALIZED CONSTRUCTION ACTIVITIES                           |

| <b>BAHAGIAN/DIVISION: F41<br/>CONSTRUCTION OF BUILDING</b>    |   | <b>KUMPULAN/GROUP: F410<br/>CONSTRUCTION OF BUILDING</b>   |  |
|---|---|--|--|
| <i>(Refer general training prerequisite in NOSS document)</i> |   |  |  |
| <b>Area</b>   | <b>Awam &amp; Struktur / Construction<br/>Site Supervisory &amp; Management -<br/>Civil &amp; Structural</b>    | <b>Senibina &amp; Bangunan / Construction<br/>Site Supervisory &amp; Management -<br/>Architectural &amp; Building</b> | <b>Mekanikal &amp; Elektrik /<br/>Construction Site Supervisory<br/>&amp; Management -<br/>Mechanical &amp; Electrical</b> |
|   | <i>Level 5: Not Available</i>   |  |  |
| <b>L4</b>   | <b>CVS4</b><br>Pengurus Binaan Awam Dan<br>Struktur / <i>Civil &amp; Structural<br/>Manager</i><br>(28-02-2002) | <b>ARB4</b><br>Pengurus Senibina & Bangunan /<br><i>Architectural &amp; Building Manager</i><br>(19-06-2003)           | <b>MCE4</b><br>Pengurus Mekanikal & Elektrik<br>/ <i>Mechanical &amp; Electrical<br/>Manager</i><br>(19-06-2003)           |
| <b>L3</b>   | <b>CVS3</b><br>Penyelia Awam & Struktur / <i>Civil &amp;<br/>Structural Supervisor</i><br>(19-12-2002)          | <b>ARB3</b><br>Penyelia Senibina & Bangunan /<br><i>Architectural &amp; Building Supervisor</i><br>(19-12-2002)        | <b>MCE3</b><br>Penyelia Mekanikal & Elektrik /<br><i>Mechanical &amp; Electrical<br/>Supervisor</i><br>(19-12-2002)        |
|   | <i>Level 1,2: No Job Title</i>  |  |  |
| <b>Area</b>   | <b>/ Wet Trade II</b>   |  |  |
|   | <i>Level 4,5: Not Available</i>   |  |  |
| <b>L3</b>   | <b>BC-010-3 / STS3</b><br>Penyelia Struktur / <i>Structural Supervisor</i><br>(25-10-2010)                      |  |  |
| <b>L2</b>   | <b>BC-010-2 / FWC2</b><br>Foreman Tukang Acuan /<br><i>Formwork Foreman</i><br>(25-10-2010)                     | <b>BBR2</b><br>Tukang Besi / <i>Bar Bender</i><br>(26-05-2008)   | <b>BC-011-2 / CCT2</b><br><i>Concretor II</i><br>(25-10-2010)  |
| <b>L1</b>   | <b>BC-010-1 / FWC1</b><br>Tukang Kayu Acuan / <i>Formwork<br/>Carpenter</i><br>(25-10-2010)                     | <b>BBR1</b><br>Tukang Besi / <i>Bar Bender</i><br>(26-05-2008)   | <b>BC-011-1 / CCT1</b><br><i>Concretor I</i><br>(25-10-2010) f439  |

| Area      | <i>/ Lightweight Roof Trusses System - Aluminium, Zinc Alume, Galvanised Iron</i>  |  |
|-----------|--|--|
|           | <i>Level 4,5: Not Available</i>  |  |
| <b>L3</b> | <b>F410-006-3:2018</b><br>Penyeliaan Pemasangan Kekuda Bumbung Logam Ringan IBS / <i>IBS Lightweight Roof Trusses Installation Supervision</i><br>(28-08-08) (06-02-2018)              |  |
| <b>L2</b> | <b>BC-360-2 / RTT2</b><br>Pemasang Kekuda Bumbung (Kayu) / <i>Roof Truss Installer (Timber)</i><br>(28-08-08)  | <b>F410-006-2:2018</b><br>Pemasangan Kekuda Bumbung Logam Ringan IBS / <i>IBS Lightweight Roof Trusses Installation</i><br>(28-08-08) (06-02-2018) |
| <b>L1</b> | <b>BC-360-1 / RTT1</b><br>Pemasang Kekuda Bumbung (Kayu) / <i>Roof Truss Installer (Timber)</i><br>(28-08-08)  | <i>Level 1: No Job Title</i>   |
| Area      | <b>Pembinaan Bangunan / Building Construction</b>  |  |
|           | <i>Level 4,5: Not Available</i>  |  |
| <b>L3</b> | <b>F410-001-3:2019</b><br>Penyeliaan Operasi Pembinaan Bangunan / <i>Building Construction Operation Supervision</i><br>(28-04-94) (26-05-2008) (30-12-2013) (06-12-2016) (30-01-2019) |  |
| <b>L2</b> | <b>F410-001-2:2019</b><br>Operasi Pembinaan Bangunan / <i>Building Construction Operation</i><br>(28-04-94) (06-12-2016) (30-01-2019)  |  |
|           | <i>Level 1: No Job Title</i>   |  |
| Area      | <i>/ Blockwork System</i>  |  |
|           | <i>Level 4,5: Not Available</i>  |  |
| <b>L3</b> | <b>F410-002-3:2017</b><br><i>IBS Blockwork System Installation Supervision</i><br>(28-03-2017)   |  |
| <b>L2</b> | <b>F410-002-2:2017</b><br><i>IBS Blockwork System Installation</i><br>(28-03-2017)   |  |
|           | <i>Level 1: No Job Title</i>   |  |
| Area      | <b>IBS - Sistem Acuan Guna Semula / IBS - Reusable Formwork System</b>   |  |
|           | <i>Level 4,5: Not Available</i>  |  |
| <b>L3</b> | <b>F410-003-3:2017</b><br>Penyeliaan Pemasangan Sistem Acuan Guna Semula IBS / <i>IBS Reusable Formwork System Installation Supervision</i><br>(28-03-2017)                            |  |
| <b>L2</b> | <b>F410-003-2:2017</b><br>Pemasangan Sistem Acuan Guna Semula IBS / <i>IBS Reusable Formwork System Installation</i><br>(28-03-2017)   |  |
|           | <i>Level 1: No Job Title</i>   |  |
| Area      | <b>Sistem Konkrit Tuangan / Precast Concrete System</b>  |  |
|           | <i>Level 4,5: Not Available</i>  |  |
| <b>L3</b> | <b>F410-004-3:2017</b><br>Penyeliaan Pemasangan Konkrit Tuangan IBS / <i>IBS Precast Concrete Installation Supervision</i><br>(28-03-2017)   |  |
| <b>L2</b> | <b>F410-004-2:2017</b><br>Pemasangan Konkrit Tuangan IBS / <i>IBS Precast Concrete Installation</i><br>(28-03-2017)  |  |
|           | <i>Level 1: No Job Title</i>   |  |

|   |  |  |
|---|--|--|
| <b>Area</b>   | <b>Keselamatan dan Kesehatan di Tapak Binaan / Site Safety &amp; Health</b>  |  |
|   | <i>Level 4,5: Not Available</i>  |  |
| <b>L3</b>   | <b>CSH3</b><br>Penyelia Keselamatan dan Kesehatan Tapak Binaan / <i>Construction Site Safety and Health Supervisor</i><br>(19-12-2000)   |  |
|   | <i>Level 1: No Job Title</i>   |  |
| <b>Area</b>   | <b>/ Lightweight Panel (Non-Structural) System –Slab/Wall</b>  |  |
|   | <i>Level 4,5: Not Available</i>  |  |
| <b>L3</b>   | <b>F410-005-3:2018</b><br>Penyeliaan Pemasangan Panel Ringan (Lantai & Dinding) IBS / <i>IBS Lightweight Panel (Non-Structural) System Installation Supervision</i><br>(09-06-08) (06-02-2018) |  |
| <b>L2</b>   | <b>F410-005-2:2018</b><br>Pemasangan Panel Ringan (Lantai & Dinding) IBS / <i>IBS Lightweight Panel (Non-Structural) System Installation</i><br>(09-06-08) (06-02-2018)                        |  |
|   | <i>Level 1: No Job Title</i>   |  |
| <b>BAHAGIAN/DIVISION: F42</b><br><i>CIVIL ENGINEERING</i>     |  | <b>KUMPULAN/GROUP: F421</b><br><i>CONSTRUCTION OF ROADS AND RAILWAYS</i> |
| <i>(Refer general training prerequisite in NOSS document)</i> |  |  |
| <b>Area</b>   | <b>/ Grouting</b>  | <b>/ Tunneling</b>   |
|   | <i>Level 4,5: Not Available</i>  |  |
| <b>L3</b>   | <b>BC-048-3</b><br><i>Grouting Supervisor</i><br>(24-04-2013)  | <b>BC-049-3</b><br><i>Supervisor (Lead Miner)</i><br>(24-04-2013)        |
| <b>L2</b>   | <b>BC-048-2</b><br><i>Grouting Foreman</i><br>(24-04-2013)   | <b>BC-049-2</b><br><i>Tunnel Technician</i><br>(24-04-2013)              |
| <b>L1</b>   | <b>BC-048-1</b><br><i>Grouter</i><br>(24-04-2013)  | <b>BC-049-1</b><br><i>Assistant Tunnel Technician</i><br>(24-04-2013)    |
| <b>Area</b>   | <b>Pembinaan Jalan Raya / Road Construction</b>  |  |
|   | <i>Level 4,5: Not Available</i>  |  |
| <b>L3</b>   | <b>BC-063-3:2015</b><br>Penyeliaan Pembinaan & Penyelenggaraan Jalan Raya / <i>Road Construction &amp; Maintenance Supervision</i><br>(31-03-2015)   |  |
| <b>L2</b>   | <b>BC-063-2:2015</b><br>Operasi Pembinaan Jalan Raya / <i>Road Construction Operation</i><br>(31-03-2015)  |  |
|   | <i>Level 1: No Job Title</i>   |  |
| <b>Area</b>   | <b>Operasi &amp; Pembinaan Terowong / Tunnel Construction &amp; Operation</b>  |  |
|   | <i>Level 4,5: Not Available</i>  |  |
| <b>L3</b>   | <b>BC-065-3:2014</b><br><i>Tunnel Construction / Pembinaan Terowong</i><br>(02-04-2014)  |  |
|   | <i>Level 1,2: No Job Title</i>   |  |

| Area  | Urusan Jalan / Permanent Way  |  |
|---|---|--|
| L5  | <b>F421-001-5:2020</b><br>Pengurusan Urusan Jalan / Permanent Way Management<br>(03-09-2020)  |  |
| L4  | <b>F421-001-4:2020</b><br>Pentadbiran Urusan Jalan / Permanent Way Administration<br>(03-09-2020)                                     |  |
| L3  | <b>TP-700-3:2014</b><br>Penyeliaan Urusan Jalan / Permanent Way Supervision<br>(10-12-10) (25-09-2014)                                |  |
| L2  | <b>TP-700-2:2014</b><br>Pemeriksaan Urusan Jalan / Permanent Way Inspection<br>(10-12-10) (25-09-2014)                                |  |
|   | <i>Level 1: No Job Title</i>  |  |
| <b>BAHAGIAN/DIVISION: F42<br/>CIVIL ENGINEERING</b>           |   | <b>KUMPULAN/GROUP: F422<br/>CONSTRUCTION OF UTILITY PROJECTS</b>   |
| <i>(Refer general training prerequisite in NOSS document)</i> |   |  |
| Area  | / Oil and Gas Piping Fabrication  | / Pipeline   |
|   | <i>Level 4,5: Not Available</i>   |  |
| L3  | <b>F422-001-3:2018</b><br>Penyeliaan Pemasangan Paip Minyak dan Gas / Oil and Gas Pipe Fitting Supervision<br>(25-10-10) (06-02-2018) | <b>BC-052-3 / FHG3</b><br>Penyelia Pemasang Paip Gas / Pipeline Supervisor<br>(25-10-10)   |
| L2  | <b>F422-001-2:2018</b><br>Operasi Pemasangan Paip Minyak dan Gas / Oil and Gas Pipe Fitting Operation<br>(25-10-10) (06-02-2018)      | <b>BC-052-2 / FHG2</b><br>Pemasang Paip Gas II / Pipeline Fitter II<br>(25-10-10)  |
| L1  | <i>Level 1: No Job Title</i>  | <b>BC-052-1 / FHG1</b><br>Pemasang Paip Gas I / Pipeline Fitter I<br>(25-10-10)  |
| Area  | Sistem Kumbahan Domestik - Am & Struktur / Domestic Sewerage System - Civil & Structure   | Sistem Kumbahan Domestik - Mekanikal & Elektrik / Domestic Sewerage System - Mechanical & Electrical                             |
|   | <i>Level 4,5: Not Available</i>   |  |
| L3  | <b>SWC3</b><br>Sewerage Civil and Structure Supervisor<br>(26-05-2008)  | <b>SWM3</b><br>Sewerage M & E Supervisor<br>(26-05-2008)   |
| L2  | <b>SWC2</b><br>Sewerage C & S Fitter<br>(26-05-2008)  | <b>SWM2</b><br>Sewerage M & E Fitter<br>(26-05-2008)   |
| L1  | <b>SWC1</b><br>Sewerage C & S Installer<br>(26-05-2008)   | <b>SWM1</b><br>Sewerage M & E Installer<br>(26-05-2008)  |
| Area  | Pipe Jacking  | Pipe Jacking Shaft Construction  |
|   | <i>Level 4,5: Not Available</i>   |  |
| L3  | <b>F422-002-3:2020</b><br>Operator Penggerekkan Paip / Pipe Jacking Operator<br>(13-11-2020)  | <b>F422-003-3:2021</b><br>Penyelia Pembinaan Syaf Penggerekkan Paip / Pipe Jacking Shaft Construction Supervisor<br>(24-06-2021) |
| L2  | <b>F422-002-2:2020</b><br>Pembantu Operator Penggerekkan Paip / Assistant Pipe Jacking Operator<br>(13-11-2020)                       | <b>F422-003-2:2021</b><br>Fomen Pembinaan Syaf Penggerekkan Paip / Pipe Jacking Shaft Construction Foreman<br>(24-06-2021)       |
|   | <i>Level 1: No Job Title</i>  |  |

| <b>Civil Construction</b>  |   |
|--|---|
|  | <i>Level 3,4,5: Not Available</i>   |
| <b>L2</b>  | <b>F422-004-2:2021</b><br>Pemasang Sistem Saliran (Longkang) Kanan / <i>Senior Drain Layer</i><br>(24-06-2021)  |
| <b>L1</b>  | <b>F422-004-1:2021</b><br>Pemasang Sistem Saliran (Longkang) / <i>Drain Layer</i><br>(24-06-2021)   |
| <b>BAHAGIAN/DIVISION: F43</b><br><i>SPECIALIZED CONSTRUCTION ACTIVITIES</i>  |   |
| <b>KUMPULAN/GROUP: F431</b><br><i>DEMOLITION AND SITE PREPARATION</i>  |   |
| <i>(Refer general training prerequisite in NOSS document)</i>  |   |
| <b>/ Demolition Work - Structure Total Demolition &amp; Structure Partial Demolition</b>                                   |   |
|  | <i>Level 4,5: Not Available</i>   |
| <b>L3</b>  | <b>BC-044-3:2014</b><br><i>Demolition Works Operation</i><br>(02-04-2014)   |
|  | <i>Level 1,2: No Job Title</i>  |
| <b>Penyiasatan Tapak / Site Investigation</b>  |   |
|  | <i>Level 4,5: Not Available</i>   |
| <b>L3</b>  | <b>F431-001-3:2019</b><br>Penyeliaan Penggerudian Penyiasatan Tapak / <i>Site Investigation Drilling Supervision</i><br>(26-05-2008) (30-01-2019)         |
| <b>L2</b>  | <b>F431-001-2:2019</b><br>Operasi Penggerudian Penyiasatan Tapak / <i>Site Investigation Drilling Operation</i><br>(26-05-2008) (30-01-2019)              |
| <b>L1</b>  | <b>F431-001-1:2019</b><br>Operasi Penggerudian Penyiasatan Tapak / <i>Site Investigation Drilling Operation</i><br>(26-05-2008) (30-01-2019)              |
| <b>BAHAGIAN/DIVISION: F43</b><br><i>SPECIALIZED CONSTRUCTION ACTIVITIES</i>  |   |
| <b>KUMPULAN/GROUP: F432</b><br><i>ELECTRICAL, PLUMBING AND OTHER CONSTRUCTION INSTALLATION ACTIVITIES</i>                  |   |
| <i>(Refer general training prerequisite in NOSS document)</i>  |   |
| <b>/ Piping, Tank &amp; Equipment Insulation - Energy &amp; Power, Factory &amp; Manufacturing, Civil Works And Marine</b> |   |
|  | <i>Level 4,5: Not Available</i>   |
| <b>L3</b>  | <b>F432-001-3:2017</b><br>Penyeliaan Operasi Penebatan / <i>Insulation Operations Supervision</i><br>(28-03-2017)   |
| <b>L2</b>  | <b>F432-001-2:2017</b><br>Operasi Penebatan / <i>Insulation Operations</i><br>(28-03-2017)  |
|  | <i>Level 1: No Job Title</i>  |
| <b>Perpaipan &amp; Kumbahan / Plumbing &amp; Sanitary</b>  |   |
|  | <i>Level 4,5: Not Available</i>   |
| <b>L3</b>  | <b>F432-002-3:2017</b><br>Penyeliaan Pemasangan Perpaipan dan Kumbahan / <i>Plumbing And Sanitary Installation Supervision</i><br>(09-06-08) (28-03-2017) |
| <b>L2</b>  | <b>F432-002-2:2017</b><br>Operasi Pemasangan Perpaipan dan Kumbahan / <i>Plumbing And Sanitary Installation Operation</i><br>(09-06-08) (28-03-2017)      |
|  | <i>Level 1: No Job Title</i>  |

|             |   |  |   |
|-------------|---|--|---|
| <b>Area</b> | <b>Penghawa Dingin dan Pengudaraan Mekanikal / Air-Conditioning and Mechanical Ventilation</b>  |  |   |
|             | <i>Level 4,5: Not Available</i>   |  |   |
| <b>L3</b>   | <b>F432-003-3:2017</b><br>Penyelesaian Operasi Pemasangan & Penyelenggaraan Penghawa Dingin dan Pengudaraan Mekanikal / Air-Conditioning and Mechanical Ventilation (ACMV) Installation & Maintenance Operation Supervision<br>(25-03-04) (25-10-10) (27-11-2017) |  |   |
| <b>L2</b>   | <b>F432-003-2:2017</b><br>Operasi Pemasangan & Penyelenggaraan Penghawa Dingin dan Pengudaraan Mekanikal / Air-Conditioning and Mechanical Ventilation (ACMV) Installation & Maintenance Operation<br>(25-03-04) (25-10-10) (27-11-2017)                          |  |   |
|             | <i>Level 1: No Job Title</i>  |  |   |
| <b>Area</b> | <b>/ Signage Production &amp; Installation</b>  |  |   |
|             | <i>Level 4,5: Not Available</i>   |  |   |
| <b>L3</b>   | <b>BC-045-3:2013</b><br>Signage Supervision<br>(24-04-2013)   |  |   |
| <b>L2</b>   | <b>BC-045-2:2013</b><br>Signage Production & Installation<br>(24-04-2013)   |  |   |
|             | <i>Level 1: No Job Title</i>  |  |   |
| <b>Area</b> | <b>Sistem Pencahayaan / Lighting System</b>   |  |   |
|             | <i>Level 4,5: Not Available</i>   |  |   |
| <b>L3</b>   | <b>BC-047-3:2013</b><br>Penyelesaian Sistem Pencahayaan / Lighting System Supervision<br>(24-04-2013)   |  |   |
| <b>L2</b>   | <b>BC-047-2:2013</b><br>Penyelenggaraan Sistem Pencahayaan / Lighting System Maintenance<br>(24-04-2013)  |  |   |
|             | <i>Level 1: No Job Title</i>  |  |   |
| <b>Area</b> | <b>Lif &amp; Eskalator - Pemasangan / Lift &amp; Escalator - Installation</b>   | <b>Lif &amp; Eskalator - Pengujian / Lift &amp; Escalator - Testing</b>  | <b>Lif &amp; Eskalator - Penyelenggaraan / Lift &amp; Escalator - Maintenance</b> |
|             | <i>Level 4,5: Not Available</i>   |  |   |
| <b>L3</b>   | <b>BC-064-3:2015</b><br>Penyelesaian Pemasangan Lif & Eskalator / Lift & Escalator Installation Supervision<br>(09-06-08) (31-03-2015)  | <b>BC-065-3:2015</b><br>Penyelesaian Pengujian & Penyelenggaraan Lif & Eskalator / Lift & Escalator Testing & Maintenance Supervision<br>(09-06-08) (31-03-2015) |   |
| <b>L2</b>   | <b>BC-064-2:2015</b><br>Pemasangan, Pengujian & Penyelenggaraan Lif & Eskalator / Lift & Escalator Installation, Testing & Maintenance<br>(09-06-08) (31-03-2015)   |  |   |
|             | <i>Level 1: No Job Title</i>  |  |   |
| <b>Area</b> | <b>Rektifikasi Air / Water Reticulation</b>   |  |   |
|             | <i>Level 4,5: Not Available</i>   |  |   |
| <b>L3</b>   | <b>F432-004-3:2018</b><br>Penyelesaian Pemasangan Retikulasi Air / Water Reticulation Installation Supervision<br>(09-06-08) (06-02-2018)   |  |   |
| <b>L2</b>   | <b>F432-004-2:2018</b><br>Pemasangan Retikulasi Air / Water Reticulation Installation<br>(09-06-08) (06-02-2018)  |  |   |
|             | <i>Level 1: No Job Title</i>  |  |   |

| <b>Area</b> | <b>Keselamatan Pelabuhan / Port Security</b>  |   |
|-------------|---|---|
| <b>L5</b>   | <b>DS-015-5:2014</b><br>Pengurusan Pemasangan & Penyelenggaraan Sistem Pemantauan Maritim / <i>Maritime Surveillance System Installation &amp; Maintenance Management</i><br>(25-09-2014)   |   |
| <b>L4</b>   | <b>DS-015-4:2014</b><br>Koordinasi Pemasangan & Penyelenggaraan Sistem Pemantauan Maritim / <i>Maritime Surveillance System Installation &amp; Maintenance Coordination</i><br>(25-09-2014) |   |
| <b>L3</b>   | <b>DS-015-3:2014</b><br>Penyeliaan Pemasangan & Penyelenggaraan Sistem Pemantauan Maritim / <i>Maritime Surveillance System Installation &amp; Maintenance Supervision</i><br>(25-09-2014)  |   |
| <b>L2</b>   | <b>DS-015-2:2014</b><br>Pemasangan & Penyelenggaraan Sistem Pemantauan Maritim / <i>Maritime Surveillance System Installation &amp; Maintenance</i><br>(25-09-2014)                         |   |
|             | <i>Level 1: No Job Title</i>  |   |
| <b>Area</b> | <b>Sistem Keselamatan Elektronik / Electronic Security System</b>   |   |
|             | <i>Level 4,5: Not Available</i>   |   |
| <b>L3</b>   | <b>DS-050-3:2013</b><br>Pemasangan & Penyelenggaraan Sistem Keselamatan Elektronik / <i>Electronic Security System Installation &amp; Maintenance</i><br>(30-12-2003) (30-12-2013)          |   |
|             | <i>Level 1,2: No Job Title</i>  |   |
| <b>Area</b> | <b>Rekabentuk Tapak Acuan - Pintu &amp; Tingkap / Treadform Architecture Moulding - Doors And Windows</b>   | <b>Rekabentuk Tapak Acuan - Fiber / Treadform Architecture Moulding - Fiber</b>   |
|             | <i>Level 4,5: Not Available</i>   |   |
| <b>L3</b>   | <b>ID-020-3</b><br>Penyelia Pembuatan Pintu & Tingkap / <i>Doors and Windows Making Supervisor</i><br>(24-03-09)  | <b>ID-021-3</b><br>Penyelia Pemasangan Siling Hiasan / <i>Decorative Ceilings Installation Supervisor</i><br>(24-03-09) |
| <b>L2</b>   | <b>ID-020-2</b><br>Pembuat Kanan Pintu & Tingkap / <i>Doors and Windows Senior Maker</i><br>(24-03-09)  | <b>ID-021-2</b><br>Pemasang Kanan Siling Hiasan / <i>Decorative Ceilings Senior Installer</i><br>(24-03-09)             |
| <b>L1</b>   | <b>ID-020-1</b><br>Pembuat Pintu & Tingkap / <i>Doors and Windows Maker</i><br>(24-03-09)   | <b>ID-021-1</b><br>Pemasang Siling Hiasan / <i>Decorative Ceilings Installer</i><br>(24-03-09)                          |



| Area                            | Perlindungan Kebakaran / <i>Fire Protection</i>   |  |  | Penyelenggaraan Perlindungan Kebakaran / <i>Fire Protection Maintenance</i>  |
|---------------------------------|---|--|--|--|
| <i>Level 4,5: Not Available</i> |   |  |  |  |
| <b>L3</b>                       | <b>FPA3</b><br>Eksekutif Perlindungan Kebakaran / <i>Fire Protection Active Supervisor</i><br>(2003)  |  | <b>FPP3</b><br>Penyelia Perlindungan Kebakaran (Pasif) / <i>Fire Protection Passive Supervisor</i><br>(2003)   | <b>FPS3</b><br>Penyelia Penyelenggaraan Perlindungan Kebakaran / <i>Fire Protection Maintenance Supervisor</i><br>(2003) |
| <b>L2</b>                       | <b>FPE2</b><br>Pemasang Perlindungan Kebakaran (Elektrik) / <i>Fire Protection Installer (Electrical)</i><br>(2003)   | <b>FPM2</b><br>Pemasang Perlindungan Kebakaran (Mekanikal) / <i>Fire Protection Installer (Mechanical)</i><br>(2003) | <b>FPP2</b><br>Applikator Perlindungan Kebakaran (Pasif) / <i>Fire Protection Passive Applicator</i><br>(2003)   | <b>FPS2</b><br>Pembantu Penyelenggaraan Perlindungan Kebakaran / <i>Fire Protection Maintenance Assistant</i><br>(2003)  |
| <b>L1</b>                       | <b>FPE1</b><br>Pemasang Perlindungan Kebakaran (Elektrik) / <i>Fire Protection Installer (Electrical)</i><br>(2003)   | <b>FPM1</b><br>Pemasang Perlindungan Kebakaran (Mekanikal) / <i>Fire Protection Installer (Mechanical)</i><br>(2003) | <b>FPP1</b><br>Applikator Perlindungan Kebakaran (Pasif) / <i>Fire Protection Passive Applicator</i><br>(2003)   | <b>FPS1</b><br>Pembantu Penyelenggaraan Perlindungan Kebakaran / <i>Fire Protection Maintenance Assistant</i><br>(2003)  |
| Area                            | <i>Heating, Ventilation, Air-Conditioning and Refrigeration (HVAC&amp;R) Single Phase</i>   |  | <i>Heating, Ventilation, Air-Conditioning and Refrigeration (HVAC&amp;R) Three Phase</i>   |  |
| <b>L5</b>                       | <b>ME-020-5:2012</b><br>Pengurusan Rekabentuk, Pemasangan & Penyelenggaraan HVAC / <i>HVAC Design, Installation and Maintenance Management</i><br>(30-05-2002) (05-04-2012)   |  |  |  |
| <b>L4</b>                       | <b>ME-020-4:2012</b><br>Pengurusan Rekabentuk, Pemasangan & Penyelenggaraan HVAC / <i>HVAC Design, Installation and Maintenance Management</i><br>(30-05-2002) (05-04-2012)   |  |  |  |
| <b>L3</b>                       | <b>F432-007-3:2020</b><br>Pemasangan dan Penyelenggaraan Satu Fasa Penyamanan Udara, Pengudaraan, Pemanasan (HVAC) / <i>Heating, Ventilation, Air Conditioning (HVAC) Single Phase Installation and Maintenance</i><br>(07-07-93) (05-04-2012) (03-09-2020) |  | <b>F432-008-3:2021</b><br>Pemasangan dan Penyelenggaraan Tiga Fasa Pemanasan, Pengudaraan, Penyamanan Udara dan Penyejukbekuan (HVAC&R) / <i>Heating, Ventilation, Air-Conditioning and Refrigeration (HVAC&amp;R) Three Phase Installation and Maintenance</i><br>(07-07-93) (28-11-95) (05-04-2012) (29-10-2021) |  |
| <i>Level 1,2: No Job Title</i>  |   |  |  |  |

| Area | Kerja Kayu / <i>Woodworking</i>  | Kerja Kayu Arkitektur / <i>Architectural Woodwork</i>  |
|------|--|--|
|      | <i>Level 4,5: Not Available</i>  |  |
| L3   | <b>A-020-3</b><br>Juruteknik Binaan Bangunan Berasaskan Kayu / <i>Wood Based Building Construction Technician</i><br>(10-04-95)                            | <b>A-021-3</b><br>Jurumesin Kayu / <i>Wood Machinist</i><br>(28-11-95)                             |
|      | <b>RB-051-3</b><br>Penyelia Tukang Kayu Kanan-Kerja Kayu Dalam / <i>Interior Wood Work Senior Carpenter Supervisor</i><br>(24-03-09)                       |  |
| L2   | <b>A-020-2</b><br>Jurubina Bangunan Berasaskan Kayu / <i>Wood Based Building Constructor</i><br>(10-04-95)   |  |
|      | <b>RB-051-2</b><br>Tukang Kayu Kanan-Kerja Kayu Dalam / <i>Interior Wood Work Senior Carpenter</i><br>(24-03-09)   |  |
| L1   | <b>A-020-1</b><br>Jurubina Bangunan Berasaskan Kayu / <i>Wood Based Building Constructor</i><br>(10-04-95)   |  |
|      | <b>RB-051-1</b><br>Tukang Kayu-Kerja Kayu Dalam / <i>Interior Wood Work Carpenter</i><br>(24-03-09)  |  |
| Area | Bangunan & Pembinaan / <i>Carpentry &amp; Joinery</i>  |  |
|      | <i>Level 4,5: Not Available</i>  |  |
| L3   | <b>BC-035-3:2016</b><br>Tanggaman dan Pertukangan Kayu / <i>Timber Carpentry and Joinery</i><br>(17-07-2012) (04-02-2016)                                  |  |
|      | <i>Level 1,2: No Job Title</i>   |  |
| Area | Rangkaian Komputer / <i>Computer Networking</i>  |  |
|      | <i>Level 5: Not Available</i>  |  |
| L4   | <b>EE-042-4:2014</b><br>Teknologi Rangkaian / <i>Network Technology</i><br>(25-09-2014)  |  |
|      | <i>Level 1,2,3: No Job Title</i>   |  |
| Area | Tenaga Solar - Photovoltaic / <i>Solar Energy - Photovoltaic</i>   | / <i>LT Overhead</i>   |
| L5   | <b>EE-210-5</b><br>Perekabentuk Teknologi Solar / <i>Solar Technology Designer</i><br>(10-12-10)   | <i>Level 5: Not Available</i>  |
| L4   | <b>EE-210-4</b><br>Penolong Perekabentuk Teknologi Solar / <i>Solar Technology Assistant Designer</i><br>(10-12-10)  | <i>Level 4: Not Available</i>  |
| L3   | <b>EE-210-3</b><br>Pengamal Pemasangan dan Penyelenggaraan Solar / <i>Solar Installation and Maintenance Practitioner</i><br>(10-12-10)                    | <b>EE-211-3:2012</b><br><i>LT Overhead Installation, Operation &amp; Maintenance</i><br>(23-10-12) |
| L2   | <b>EE-210-2</b><br>Pembantu Pengamal Pemasangan dan Penyelenggaraan Solar / <i>Solar Installation and Maintenance Assistant Practitioner</i><br>(10-12-10) | <b>EE-211-2:2012</b><br><i>LT Overhead Installation &amp; Operation</i><br>(23-10-12)              |
| L1   | <i>Level 1: No Job Title</i>   | <b>EE-211-1:2012</b><br><i>LT Overhead Installation</i><br>(23-10-12)                              |

| Area | <b>Solar Energy - Photovoltaic</b>  |  |
|------|---|--|
| L5   | <b>EE-213-5:2014</b><br>Pengurusan Sistem PV Solar / <i>Solar PV System Management</i><br>(16-12-2014)  |  |
| L4   | <b>EE-213-4:2014</b><br>Rekabentuk & Pengoptimuman Sistem PV Solar / <i>Solar PV System Design &amp; Optimization</i><br>(16-12-2014)   |  |
| L3   | <b>F432-009-3:2021</b><br>Operasi & Penyelenggaraan Sistem Solar Photovoltaic (PV) / <i>Solar Photovoltaic (PV) System Operation &amp; Maintenance</i><br>(16-12-2014) (29-10-2021)                                       |  |
| L2   | <b>F432-009-2:2021</b><br>Pemasangan & Penyelenggaraan Sistem Solar Photovoltaic (PV) / <i>Solar Photovoltaic (PV) System Installation &amp; Maintenance</i><br>(16-12-2014) (29-10-2021)                                 |  |
|      | <i>Level 1: No Job Title</i>  |  |
| Area | <b>Pencantuman Kabel / Cable Joining</b>  |  |
|      | <i>Level 4,5: Not Available</i>   |  |
| L3   | <b>EE-300-3:2014</b><br>Pencantum Kabel 1 (PK 1) / <i>Cable Joiner 1</i><br>(28-11-95) (25-10-10) (02-04-2014)  | <b>EE-301-3:2014</b><br>Pencantum Kabel 2 (PK 2) <i>Cable Joiner 2</i><br>(28-11-95) (25-10-10) (02-04-2014)                         |
|      | <i>Level 1: No Job Title</i>  |  |
| Area | <b>Elektrik / Electrical</b>  |  |
| L5   | <b>F432-005-5:2019</b><br>Sistem Pengagihan dan Penjanaaan Tenaga Elektrik Voltan Rendah / <i>Low Voltage Electrical Power Distribution System and Generation</i><br>(19-12-2002) (05-04-2012) (07-08-2019)               |  |
| L4   | <b>F432-005-4:2019</b><br>Pemasangan dan Penyelenggaraan Elektrik Voltan Rendah / <i>Low Voltage Electrical Installation and Maintenance</i><br>(28-11-95) (19-12-2002) (25-10-10) (05-04-2012) (02-04-2014) (07-08-2019) |  |
| L3   | <b>F432-005-3:2019</b><br>Pemasangan dan Penyelenggaraan Elektrik Tiga Fasa / <i>Three Phase Electrical Installation and Maintenance</i><br>(28-11-95) (19-12-2002) (05-04-2012) (07-08-2019)                             |  |
| L2   | <b>F432-005-2:2019</b><br>Pemasangan dan Penyelenggaraan Elektrik Satu Fasa / <i>Single Phase Electrical Installation and Maintenance</i><br>(28-11-95) (19-12-2002) (05-04-2012) (07-08-2019)                            |  |
|      | <i>Level 1: No Job Title</i>  |  |
| Area | <b>/ Electrical Lighting</b>  | <b>Sistem CCTV / CCTV System</b>   |
|      | <i>Level 4,5: Not Available</i>   |  |
| L3   | <b>EE-322-3:2013</b><br>Pemasangan & Penyelenggaraan Elektrik & LED / <i>Electrical Lighting &amp; LED Installation &amp; Maintenance</i><br>(24-04-2013)   | <b>EE-323-3:2013</b><br>Pemasangan & Penyelenggaraan Sistem CCTV / <i>CCTV System Installation &amp; Maintenance</i><br>(24-04-2013) |
| L2   | <b>F432-005-2:2019</b><br>Pemasangan dan Penyelenggaraan Elektrik Satu Fasa / <i>Single Phase Electrical Installation and Maintenance</i><br>(28-11-95) (19-12-2002) (05-04-2012) (07-08-2019)                            |  |
|      | <i>Level 1: No Job Title</i>  |  |

|   |  |   |                    |
|---|--|---|--------------------|
| <b>Area</b>   | <b>Skrin LED / LED Display System</b>  |   |                    |
|   | <i>Level 4,5: Not Available</i>  |   |                    |
| <b>L3</b>   | <b>F432-006-3:2020</b><br>Penyeliaan Pemasangan & Penyelenggaraan Skrin LED / LED Display System Installation & Maintenance Supervision<br>(03-09-2020)  |   |                    |
| <b>L2</b>   | <b>F432-006-2:2020</b><br>Pemasangan & Penyelenggaraan Skrin LED / LED Display System Installation & Maintenance<br>(03-09-2020)   |   |                    |
|   | <i>Level 1: No Job Title</i>   |   |                    |
| <b>Area</b>   | <b>Perkhidmatan Fiber Optik - Telekomunikasi / Fiber Optic Services - Telecommunication</b>  |   |                    |
| <b>L5</b>   | <b>EE-324-5:2013</b><br>Pengurusan Pemasangan & Penyelenggaraan Fiber Optik - Telekomunikasi / Fibre Optic Installation & Maintenance Management- Telecommunication<br>(24-06-04) (30-12-2013) |   |                    |
| <b>L4</b>   | <b>EE-324-4:2013</b><br>Pengurusan Pemasangan & Penyelenggaraan Fiber Optik - Telekomunikasi / Fibre Optic Installation & Maintenance Management- Telecommunication<br>(24-06-04) (30-12-2013) |   |                    |
| <b>L3</b>   | <b>EE-324-3:2013</b><br>Pemasangan & Penyelenggaraan Fiber Optik - Telekomunikasi / Fibre Optic Installation & Maintenance- Telecommunication<br>(24-06-04) (30-12-2013)                       |   |                    |
|   | <i>Level 1,2: No Job Title</i>   |   |                    |
| <b>BAHAGIAN/DIVISION: F43</b><br><i>SPECIALIZED CONSTRUCTION ACTIVITIES</i> |  | <b>KUMPULAN/GROUP: F433</b><br><i>BUILDING COMPLETION AND FINISHING</i> |                    |
| <i>(Refer general training prerequisite in NOSS document)</i>               |  |   |                    |
| <b>Area</b>   | <b>Pemasangan &amp; Fabrikasi Keluli Tahan Karat / Stainless Steel Installation &amp; Fabrication</b>  |   |                    |
|   | <i>Level 4,5: Not Available</i>  |   |                    |
| <b>L3</b>   | <b>BC-040-3:2013</b><br>Penyeliaan Pemasangan & Fabrikasi Keluli Tahan Karat / Stainless Steel Installation & Fabrication Supervision<br>(24-04-2013)  |   |                    |
| <b>L2</b>   | <b>BC-040-2:2013</b><br>Fabrikasi Keluli Tahan Karat / Stainless Steel Fabrication<br>(24-04-2013)   |   |                    |
| <b>L1</b>   | <b>BC-040-1:2013</b><br>Pemasangan Keluli Tahan Karat / Stainless Steel Installation<br>(24-04-2013)   |   |                    |
| <b>Area</b>   | <b>/ Grouting</b>  | <b>/ Cabling Work</b>   | <b>/ Stressing</b> |
|   | <i>Level 4,5: Not Available</i>  |   |                    |
| <b>L3</b>   | <b>BC-043-3:2014</b><br>Pre Stressing<br>(02-04-2014)  |   |                    |
|   | <i>Level 1,2: No Job Title</i>   |   |                    |
| <b>Area</b>   | <b>Aplikasi Kalis Air / Waterproofing Application</b>  |   |                    |
|   | <i>Level 4,5: Not Available</i>  |   |                    |
| <b>L3</b>   | <b>BC-046-3:2013</b><br>Penyeliaan Kalis Air / Waterproofing Supervision<br>(24-04-2013)   |   |                    |
| <b>L2</b>   | <b>BC-046-2:2013</b><br>Aplikasi Kalis Air / Waterproofing Application<br>(24-04-2013)   |   |                    |
|   | <i>Level 1: No Job Title</i>   |   |                    |

| <b>Area</b> | <b>Pembahagian Drywall / Drywall Partition</b>   | <b>Bilik Bersih Drywall / Drywall Clean Room</b>  | <b>Siling Demountable / Demountable Ceiling</b>   | <b>Siling Tetap / Fixed Ceiling</b>  |
|-------------|--|---|---|--|
| <b>L5</b>   | <b>DWC5</b><br>Pengurus Projek Siling & Drywall / Drywall & Ceiling Project Manager<br>(11-04-2002)  |   |   |  |
| <b>L4</b>   | <b>DWC4</b><br>Eksekutif Projek Siling & Drywall / Drywall & Ceiling Project Executive<br>(11-04-2002)   |   |   |  |
| <b>L3</b>   | <b>DWP 3</b><br>Penyelia Pembahagi Drywall / Drywall Partition Supervisor<br>(11-04-2002)  | <b>DWC 3</b><br>Penyelia Bilik Bersih Drywall / Drywall Clean Room Supervisor<br>(11-04-2002)                   | <b>DCS 3</b><br>Penyelia Siling / Ceiling Supervisor<br>(11-04-2002)  |  |
| <b>L2</b>   | <b>DWP 2</b><br>Pemasang Pembahagi Drywall / Drywall Partition Installer<br>(11-04-2002)   | <b>DWC 2</b><br>Pemasang Bilik Bersih Drywall / Drywall Clean Room Installer<br>(11-04-2002)                    | <b>DCG 2</b><br>Pemasang Demountable Ceiling / Demountable Ceiling Installer<br>(11-04-2002)                    | <b>DCF 2</b><br>Pemasang Siling Tetap / Fixed Ceiling Installer<br>(11-04-2002)                    |
| <b>L1</b>   | <b>DWP 1</b><br>Pembantu Pemasang Pembahagi Drywall / Drywall Partition Assistant Installer<br>(11-04-2002)  | <b>DWC 1</b><br>Pembantu Pemasang Bilik Bersih Drywall / Drywall Clean Room Assistant Installer<br>(11-04-2002) | <b>DCG 1</b><br>Pembantu Pemasang Demountable Ceiling / Demountable Ceiling Assistant Installer<br>(11-04-2002) | <b>DCF 1</b><br>Pembantu Pemasang Siling Tetap / Fixed Ceiling Assistant Installer<br>(11-04-2002) |
| <b>Area</b> | <b>Pemasangan Kaca dan Aluminium / Glass and Aluminium Installation</b>  |   |   |  |
|             | <i>Level 4,5: Not Available</i>  |   |   |  |
| <b>L3</b>   | <b>GLZ3</b><br>Penyelia Juru Kaca / Glazier Supervisor<br>(08-11-01)   |   | <b>FWA 3</b><br>Penyelia Kerja Kerangka Aluminium / Aluminium Frame Works Supervisor<br>(08-11-01)              |  |
| <b>L2</b>   | <b>F433-001-2:2017</b><br>Pemasangan Kaca dan Aluminium Bangunan / Building Glass and Aluminium Installation<br>(08-11-01) (28-03-2017)                        |   |   |  |
|             | <i>Level 1: No Job Title</i>   |   |   |  |
| <b>Area</b> | <b>/ Metal Framing (Door &amp; Window System)</b>  |   |   |  |
|             | <i>Level 4,5: Not Available</i>  |   |   |  |
| <b>L3</b>   | <b>F433-002-3:2017</b><br>IBS Metal Door & Window Frame Installation Supervision<br>(28-03-2017)   |   |   |  |
| <b>L2</b>   | <b>F433-002-2:2017</b><br>IBS Metal Door & Window Frame Installation<br>(28-03-2017)   |   |   |  |
|             | <i>Level 1: No Job Title</i>   |   |   |  |
| <b>Area</b> | <b>Letupan &amp; Pengecatan / Blasting &amp; Painting</b>  |   |   |  |
|             | <i>Level 4,5: Not Available</i>  |   |   |  |
| <b>L3</b>   | <b>F433-004-3:2018</b><br>Pengawasan Operasi Pembagasan Dan Pengecatan / Blasting and Painting Operation Supervision<br>(17-07-2012) (18-12-2012) (08-10-2018) |   |   |  |
| <b>L2</b>   | <b>F433-004-2:2018</b><br>Operasi Pembagasan Dan Pengecatan / Blasting and Painting Operation<br>(17-07-2012) (18-12-2012) (08-10-2018)                        |   |   |  |
| <b>L1</b>   | <i>Level 1: No Job Title</i>   |   |   |  |

| Area  | Pengecatan Bangunan / <i>Building Painting</i>  |   |
|---|---|---|
|   | Dekorasi Bangunan / <i>Building Decorative</i>  | Saduran Senibina / <i>Architectural Coating</i>   |
| L5  | <b>PTD5</b><br>Pengurus Pengecat Bangunan / <i>Building Painting Manager</i><br>(11-04-2002)  |   |
| L4  | <b>PTD4</b><br>Projek Koordinator Pengecat Bangunan / <i>Building Painting Project Coordinator</i><br>(11-04-2002)  |   |
| L3  | <b>F433-008-3:2021</b><br>Penyeliaan Pengecatan Dekoratif Bangunan / <i>Building Decorative Painting Supervision</i><br>(11-04-2002) (29-10-2021)             | <b>F433-009-3:2023</b><br>Pemeriksaan Pengecatan Seni Bina Bangunan / <i>Building Architectural Painting Inspection</i><br>(11-04-2002)(8-5-2023) |
| L2  | <b>F433-008-2:2021</b><br>Operasi Pengecatan Dekoratif Bangunan / <i>Building Decorative Painting Operation</i><br>(11-04-2002) (29-10-2021)                  | <b>F433-009-2:2023</b><br>Pengecatan Seni Bina Bangunan / <i>Building Architectural Painting</i><br>(11-04-2002)(8-5-2023)                        |
| L1  | <b>F433-008-1:2021</b><br>Operasi Sokongan Pengecatan Dekoratif Bangunan / <i>Building Decorative Painting Support Operation</i><br>(11-04-2002) (29-10-2021) | <i>Level 1: No Job Title</i>  |
| <b>Area</b>   |   |   |
| <b>Sistem Struktur Keluli / <i>Steel Structure System</i></b>                 |   |   |
| <i>Level 4,5: Not Available</i>   |   |   |
| L3  | <b>F433-003-3:2018</b><br>Penyeliaan Pemasangan Struktur Besi IBS / <i>Steel Structure System Installation Supervision</i><br>(17-07-2012) (06-02-2018)       |   |
| L2  | <b>F433-003-2:2018</b><br>Pemasangan Struktur Besi IBS / <i>IBS Steel Structure Installation</i><br>(17-07-2012) (06-02-2018)                                 |   |
| <i>Level 1: No Job Title</i>  |   |   |
| <b>Area</b>   |   |   |
| <b>Kerja-kerja Pemasangan "Cladding" / <i>Cladding Installation Works</i></b> |   |   |
| <i>Level 4,5: Not Available</i>   |   |   |
| L3  | <b>F433-005-3:2019</b><br>Penyeliaan Pemasangan "Cladding" / <i>Cladding Installation Supervision</i><br>(25-04-2019)   |   |
| L2  | <b>F433-005-2:2019</b><br>Operasi Pemasangan "Cladding" / <i>Cladding Installation Operations</i><br>(25-04-2019)   |   |
| <i>Level 1: No Job Title</i>  |   |   |
| <b>Area</b>   |   |   |
| <b>/ <i>Architectural Wet Trade</i></b>                                       |   |   |
| <i>Level 4,5: Not Available</i>   |   |   |
| L3  | <b>BC-020-3 /MSR3</b><br>Penyelia Masonry / <i>Masonry Supervisor</i><br>(22-10-10)   |   |
| L2  | <b>F433-006-2:2020</b><br>Pemasang Jubin Kanan / <i>Senior Tiler</i><br>(26-05-2008) (13-11-2020)   | <b>F433-007-2:2020</b><br>Pelepa Kanan / <i>Senior Plasterer</i><br>(26-05-2008) (13-11-2020)   |
| L1  | <b>F433-006-1:2020</b><br>Pemasang Jubin / <i>Tiler</i><br>(26-05-2008) (13-11-2020)  | <b>F433-007-1:2020</b><br>Pelepa / <i>Plasterer</i><br>(26-05-2008) (13-11-2020)  |

| BAHAGIAN/DIVISION: F43<br>SPECIALIZED CONSTRUCTION ACTIVITIES |  |               | KUMPULAN/GROUP: F439<br>OTHER SPECIALIZED CONSTRUCTION ACTIVITIES |             |                                 |
|---|--|---------------|---|-------------|---------------------------------|
| <i>(Refer general training prerequisite in NOSS document)</i> |  |               |   |             |                                 |
| Area  | Mobile Crane   | Crawler Crane | Derrick Crane   | Tower Crane | Offshore Pedestal-Mounted Crane |
|   | <i>Level 4,5: Not Available</i>  |               |   |             |                                 |
| L3  | <b>F439-001-3:2017</b><br>Operasi Kren / <i>Crane Operations</i><br>(06-12-2016) (13-06-2017)  |               |   |             |                                 |
|   | <i>Level 1,2: No Job Title</i>   |               |   |             |                                 |
| Area  | Pembinaan Lanskap / <i>Landscape Construction</i>  |               |   |             |                                 |
| L5  | <b>F439-002-5:2021</b><br>Pengurusan Pembinaan Lanskap / <i>Landscape Construction Management</i><br>(29-10-2021)                            |               |   |             |                                 |
| L4  | <b>F439-002-4:2021</b><br>Pentadbiran Pembinaan Lanskap / <i>Landscape Construction Administration</i><br>(29-10-2021)                       |               |   |             |                                 |
| L3  | <b>F439-002-3:2017</b><br>Penyeliaan Pembinaan Lanskap / <i>Landscape Construction Supervision</i><br>(19-06-2003) (25-10-2010) (28-03-2017) |               |   |             |                                 |
| L2  | <b>F439-002-2:2017</b><br>Pembinaan Lanskap / <i>Landscape Construction</i><br>(19-06-2003) (25-10-2010) (28-03-2017)                        |               |   |             |                                 |
|   | <i>Level 1: No Job Title</i>   |               |   |             |                                 |
| Area  | Lifting Operation Support Activities   |               |   |             |                                 |
| L5  | <b>F439-006-5:2022</b><br>Pengurusan Perancangan Operasi Mengangkat / <i>Lifting Operation Planning Management</i><br>(21-4-2022)            |               |   |             |                                 |
| L4  | <b>F439-006-4:2022</b><br>Penyelarasan Operasi Mengangkat / <i>Lifting Operation Coordination</i><br>(21-4-2022)                             |               |   |             |                                 |
| L3  | <b>F439-006-3:2021</b><br>Penyeliaan Operasi Mengangkat / <i>Lifting Operation Supervision</i><br>(02-04-2014) (17-07-2012) (29-10-2021)     |               |   |             |                                 |
| L2  | <b>F439-006-2:2021</b><br>Kerja Sokongan Operasi Mengangkat / <i>Lifting Operation Support</i><br>(02-04-2014) (17-07-2012) (29-10-2021)     |               |   |             |                                 |
|   | <i>Level 1: No Job Title</i>   |               |   |             |                                 |
| Area  | / Machinery & Plant - Winch Crane  |               |   |             |                                 |
|   | <i>Level 4,5: Not Available</i>  |               |   |             |                                 |
| L3  | <b>BC-055-3</b><br>Winchman Supervisor<br>(05-04-2012)   |               |   |             |                                 |
| L2  | <b>BC-055-2</b><br>Senior Winchman<br>(05-04-2012)   |               |   |             |                                 |
| L1  | <b>BC-055-1</b><br>Winchman<br>(05-04-2012)  |               |   |             |                                 |

| Area | Perancah / Scaffolding   |   | Pencerucukan / Land Piling   |   |  |
|------|--|---|--|---|--|
| L5   | SCF4<br>Scaffold Manager<br>(09-06-08)   |   | Level 5: Not Available   |   |  |
| L4   | SCF4<br>Scaffold Inspector<br>(09-06-08)   |   | Level 4: Not Available   |   |  |
| L3   | BC-061-3:2015<br>Pemasangan, Perubahan dan Penanggalan Perancah Lanjutan /<br>Advanced Scaffold Erection, Alteration and Dismantling<br>(09-06-08) (31-03-2015)        |   | BC-062-3:2015<br>Penyeliaan Tapak Pencerucukan / Piling<br>Site Supervision<br>(09-06-08) (31-03-2015) |   |  |
| L2   | BC-061-2:2015<br>Pemasangan, Perubahan dan Penanggalan Perancah Pertengahan /<br>Intermediate Scaffold Erection, Alteration and Dismantling<br>(09-06-08) (31-03-2015) |   | BC-062-2:2015<br>Operasi Pencerucukan / Piling Operation<br>(09-06-08) (31-03-2015)                    |   |  |
| L1   | BC-061-1:2015<br>Pemasangan, Perubahan dan Penanggalan Perancah Asas / Basic<br>Scaffold Erection, Alteration and Dismantling<br>(09-06-08) (31-03-2015)               |   | Level 1: No Job Title  |   |  |
| Area | / Ready Mixed Concrete (RMC) Plant Operations  |   |  |   |  |
|      | Level 4,5: Not Available   |   |  |   |  |
| L3   | BC-067-3:2016<br>Ready Mixed Concrete (RMC) Plant Operations Supervision<br>(24-05-2016)   |   |  |   |  |
| L2   | BC-067-2:2016<br>Ready Mixed Concrete (RMC) Plant Operations<br>(24-05-2016)   |   |  |   |  |
|      | Level 1: No Job Title  |   |  |   |  |
| Area | / Plant Machinery  |   |  |   |  |
|      | Level 4,5: Not Available   |   |  |   |  |
| L3   | F439-003-3:2018<br>Penyeliaan Operasi Jentera Loji / Plant Machinery Operations Supervision<br>(19-06-2003) (03-03-2005) (06-02-2018)                                  |   |  |   |  |
| L2   | F439-003-2:2018<br>Operasi Jentera Loji / Plant Machinery Operations<br>(19-06-2003) (03-03-2005) (06-02-2018)   |   |  |   |  |
|      | Level 1: No Job Title  |   |  |   |  |
| Area | Operasi Loji / Plant Operations  |   |  |   |  |
|      | Level 3,4,5: Not Available   |   |  |   |  |
| L2   | SSL2<br>Skid Steer Loader<br>Operator<br>(26-05-2008)  | RPT2<br>Pneumatic Tyre<br>Roller Operator<br>(26-05-2008) | MTC2<br>Cold Metal Operator<br>(26-05-2008)  | PVR2<br>Paver Operator<br>(26-05-2008)              | RLC2<br>Compactor<br>Roller Operator<br>(26-05-2008) |
|      | TRH2<br>Off Highway Truck Operator<br>(26-05-2008)   | SCR2<br>Scraper Operator<br>(26-05-2008)                  | BKP2<br>Back Pusher Operator<br>(26-05-2008)   | TCM2<br>Telescopic Material Handler<br>(26-05-2008) |  |
|      | Level 1: No Job Title  |   |  |   |  |



| <b>Area</b>                     | <b>Elektrikal / Electrical</b>   | <b>Instrumen / Instrumentation</b>  | <b>Mekanikal / Mechanical</b>  |
|---------------------------------|--|---|--|
| <b>L5</b>                       | <b>OG-026-5:2016</b><br>Pengurusan Projek Elektrikal (Minyak & Gas) / <i>Electrical Project Management (Oil &amp; Gas)</i> (11-10-2016)                          | <b>OG-027-5:2016</b><br>Pengurusan Projek Instrumentasi (Minyak & Gas) / <i>Instrumentation Project Management (Oil &amp; Gas)</i> (11-10-2016)   | <b>OG-028-5:2016</b><br>Pengurusan Projek Mekanikal (Minyak & Gas) / <i>Mechanical Project Management (Oil &amp; Gas)</i> (11-10-2016)   |
| <b>L4</b>                       | <b>OG-026-4:2016</b><br>Koordinasi Projek Elektrikal (Minyak & Gas) / <i>Electrical Project Coordination (Oil &amp; Gas)</i> (11-10-2016)                        | <b>OG-027-4:2016</b><br>Koordinasi Projek Instrumentasi (Minyak & Gas) / <i>Instrumentation Project Coordination (Oil &amp; Gas)</i> (11-10-2016) | <b>OG-028-4:2016</b><br>Koordinasi Projek Mekanikal (Minyak & Gas) / <i>Mechanical Project Coordination (Oil &amp; Gas)</i> (11-10-2016) |
| <b>L3</b>                       | <b>OG-026-3:2014</b><br>Pemasangan Elektrikal (Minyak & Gas) / <i>Electrical Fitting (Oil &amp; Gas)</i> (25-09-2014)  | <b>OG-027-3:2014</b><br>Pemasangan Instrumen (Minyak & Gas) / <i>Instrument Fitting (Oil &amp; Gas)</i> (25-09-2014)                              | <b>OG-028-3:2014</b><br>Pemasangan Mekanikal (Minyak & Gas) / <i>Mechanical Fitting (Oil &amp; Gas)</i> (25-09-2014)                     |
| <b>L2</b>                       | <b>OG-026-2:2014</b><br>Pemasangan Elektrikal (Minyak & Gas) / <i>Electrical Fitting (Oil &amp; Gas)</i> (25-09-2014)  | <b>OG-027-2:2014</b><br>Pemasangan Instrumen (Minyak & Gas) / <i>Instrument Fitting (Oil &amp; Gas)</i> (25-09-2014)                              | <b>OG-028-2:2014</b><br>Pemasangan Mekanikal (Minyak & Gas) / <i>Mechanical Fitting (Oil &amp; Gas)</i> (25-09-2014)                     |
| <i>Level 1: No Job Title</i>    |  |   |  |
| <b>Area</b>                     | <b>Sistem Habitat / Habitat System</b>   |   |  |
| <i>Level 4,5: Not Available</i> |  |   |  |
| <b>L3</b>                       | <b>OG-036-3:2016</b><br>Penyeliaan Operasi Sistem Habitat / <i>Habitat System Operation Supervision</i> (04-02-2016)   |   |  |
| <b>L2</b>                       | <b>OG-036-2:2016</b><br>Pemasangan, Pengawasan dan Pengendalian Sistem Habitat / <i>Habitat System Installation, Monitoring and Handling</i> (04-02-2016)        |   |  |
| <i>Level 1: No Job Title</i>    |  |   |  |
| <b>Area</b>                     | <b>Kren Jambatan / Gantry Crane</b>  | <b>Tayar Getah- Kren Jambatan / Rubber Tyred- Gantry Crane</b>  |  |
| <i>Level 4,5: Not Available</i> |  |   |  |
| <b>L3</b>                       | <b>W-011-3</b><br>Operator Terminal Kanan (Kren Jambatan) / <i>Senior Terminal Operator (Gantry Crane)</i> (16-07-98)  | <b>W-012-3</b><br>Operator Terminal Kanan (Rubber Tyred Gantry Crane) / <i>Senior Terminal Operator (Rubber Tyred Gantry Crane)</i> (16-07-98)    |  |
| <b>L2</b>                       | <b>W-010-2</b><br>Operator Terminal ( <i>Front End Loader &amp; Reach Stacker</i> ) / <i>Terminal Operator (Front End Loader &amp; Reach Stacker)</i> (16-07-98) |   |  |
| <i>Level 1: No Job Title</i>    |  |   |  |
| <b>Area</b>                     | <b>Pam Konkrit / Concrete Pump</b>   |   |  |
| <i>Level 4,5: Not Available</i> |  |   |  |
| <b>L3</b>                       | <b>F439-004-3:2019</b><br>Penyeliaan Operasi Pam Konkrit / <i>Concrete Pump Operations Supervision</i> (26-05-2008) (25-04-2019)                                 |   |  |
| <b>L2</b>                       | <b>F439-004-2:2019</b><br>Operasi Pam Konkrit / <i>Concrete Pump Operations</i> (26-05-2008) (25-04-2019)  |   |  |
| <b>L1</b>                       | <b>F439-004-1:2019</b><br>Operasi Pam Konkrit / <i>Concrete Pump Operations</i> (26-05-2008) (25-04-2019)  |   |  |

| Area      | / <i>Architectural Wet Trade</i>  |
|-----------|---|
|           | <i>Level 4,5: Not Available</i>   |
| <b>L3</b> | <b>BC-020-3 /MSR3</b><br>Penyelia Masonry / <i>Masonry Supervisor</i><br>(22-10-10)     |
| <b>L2</b> | <b>F439-005-2:2020</b><br>Penerap Bata / <i>Bricklayer</i><br>(26-05-2008) (13-11-2020) |
| <b>L1</b> | <b>F439-005-1:2020</b><br>Penerap Bata / <i>Bricklayer</i><br>(26-05-2008) (13-11-2020) |

**14. STANDARD DI BAWAH SEKSYEN EKONOMI MSIC G: PERDAGANGAN BORONG DAN RUNCIT PEMBAIKAN KENDERAAN BERMOTOR DAN MOTOSIKAL**

| <b>SECTION G: WHOSALE AND RETAIL TRADE; REPAIR OF MOTOR VEHICLES AND MOTORCYCLES</b> |  |  |
|--|--|--|
| <b>BAHAGIAN/<br/>DIVISION</b>  | <b>KUMPULAN<br/>/ GROUP</b>  | <b>KETERANGAN/ DESCRIPTION</b>   |
| <b>G45</b>   | <b>WHOSALE AND RETAIL TRADE AND REPAIR OF MOTOR VEHICLES AND MOTORCYCLES</b> |  |
|  | <b>G451</b>  | <i>SALE OF MOTOR VEHICLES</i>  |
|  | <b>G452</b>  | <i>MAINTENANCE AND REPAIR OF MOTOR VEHICLES</i>                                      |
|  | <b>G453</b>  | <i>SALE OF MOTOR VEHICLE PARTS AND ACCESSORIES</i>                                   |
|  | <b>G454</b>  | <i>SALE, MAINTENANCE AND REPAIR OF MOTORCYCLES AND RELATED PARTS AND ACCESSORIES</i> |
| <b>G46</b>   | <b>WHOSALE TRADE, EXCEPT OF MOTOR VEHICLES AND MOTORCYCLES</b>               |  |
|  | <b>G461</b>  | <i>WHOLESALE ON A FEE OR CONTRACT BASIS</i>  |
|  | <b>G462</b>  | <i>WHOLESALE OF AGRICULTURAL RAW MATERIALS AND LIVE ANIMALS</i>                      |
|  | <b>G463</b>  | <i>WHOLESALE OF FOOD, BEVERAGE AND TOBACCO</i>                                       |
|  | <b>G464</b>  | <i>WHOLESALE OF HOUSEHOLD GOODS</i>  |
|  | <b>G465</b>  | <i>WHOLESALE OF MACHINERY, EQUIPMENT AND SUPPLIES</i>                                |
|  | <b>G466</b>  | <i>OTHER SPECIALIZED WHOLESALE</i>   |
|  | <b>G469</b>  | <i>NON-SPECIALIZED WHOLESALE TRADE</i>   |
| <b>G47</b>   | <b>RETAIL TRADE, EXCEPT OF MOTOR VEHICLES AND MOTORCYCLES</b>                |  |
|  | <b>G471</b>  | <i>RETAIL SALE IN NON-SPECIALIZED STORES</i>   |
|  | <b>G472</b>  | <i>RETAIL SALE OF FOOD, BEVERAGES AND TOBACCO IN SPECIALIZED STORES</i>              |
|  | <b>G473</b>  | <i>RETAILS SALE OF AUTOMOTIVE FUEL IN SPECIALIZED STORES</i>                         |
|  | <b>G474</b>  | <i>RETAIL SALE OF INFORMATION AND COMMUNICATIONS EQUIPMENT IN SPECIALIZED STORES</i> |
|  | <b>G475</b>  | <i>RETAIL SALE OF OTHER HOUSEHOLD EQUIPMENT IN SPECIALIZED STORES</i>                |
|  | <b>G476</b>  | <i>RETAIL SALE OF CULTURAL AND RECREATION GOODS IN SPECIALIZED STORES</i>            |
|  | <b>G477</b>  | <i>RETAIL SALE OF OTHER GOODS IN SPECIALIZED STORES</i>                              |
|  | <b>G478</b>  | <i>RETAIL SALE VIA STALLS AND MARKETS</i>  |
|  | <b>G479</b>  | <i>RETAIL TRADE NOT IN STORES, STALLS OR MARKETS</i>                                 |

| <b>BAHAGIAN/DIVISION: G45<br/>WHOSALE AND RETAIL TRADE AND REPAIR OF MOTOR VEHICLES AND MOTORCYCLES</b> |   | <b>KUMPULAN/GROUP: G451<br/>SALE OF MOTOR VEHICLES</b> |
|---|---|--|
| <i>(Refer general training prerequisite in NOSS document)</i>   |   |  |
| <b>Area</b>   | <b>Pembasuhan dan Penggilapan (Cuci Kereta) / Washing and polishing (car wash)</b>                  |  |
|   | <i>Level 4,5: Not Available</i>   |  |
| <b>L3</b>   | <b>G451-001-3:2016</b><br>Penyeliaan Pemerincian Kereta / Car Detailing Supervision<br>(06-12-2016) |  |
| <b>L2</b>   | <b>G451-001-2:2016</b><br>Operasi Pemerincian Kereta / Car Detailing Operation<br>(06-12-2016)      |  |
|   | <i>Level 1,2: No Job Title</i>  |  |

| Area  | <b>Perkhidmatan Pelanggan Automotif / Automotive Customer Service</b>   |  |
|---|---|--|
|   | <i>Level 4,5: Not Available</i>   |  |
| <b>L3</b>   | <b>TP-304-3:2012</b><br>Perkhidmatan Pelanggan Bengkel Automotif / <i>Automotive Workshop Customer Service</i><br>(05-04-2012)  |  |
| <b>L2</b>   | <b>G452-002-2:2018</b><br>Perkhidmatan Pembaikan – Kenderaan Ringan / <i>Light Vehicle – Repair Service</i><br>(07-07-93) (16-07-98) (25-10-10) (24-04-2013)<br>(11-10-2016) (08-10-2018) |  |
|   | <i>Level 1: No Job Title</i>  |  |
| Area  | <b>Jualan Automotif / Automotive Sales</b>  |  |
| <b>L5</b>   | <b>TP-312-5:2014</b><br>Pengurusan Jualan Runcit Kenderaan / <i>Vehicle Sales Retail Management</i><br>(16-12-2014)   |  |
| <b>L4</b>   | <b>TP-312-4:2014</b><br>Pengurusan Jualan Runcit Kenderaan / <i>Vehicle Sales Retail Management</i><br>(16-12-2014)   |  |
| <b>L3</b>   | <b>TP-312-3:2014</b><br>Penyeliaan Jualan Kenderaan / <i>Vehicle Sales Supervision</i><br>(02-04-2014)  |  |
| <b>L2</b>   | <b>TP-312-2:2014</b><br>Operasi Jualan Kenderaan / <i>Vehicle Sales Operation</i><br>(02-04-2014)   |  |
| <b>L1</b>   | <b>TP-312-1:2014</b><br>Jualan Kenderaan & Sokongan / <i>Vehicle Sales &amp; Supports</i><br>(02-04-2014)   |  |
| <b>BAHAGIAN/DIVISION: G45</b><br><i>WHOLESALE AND RETAIL TRADE AND REPAIR OF MOTOR VEHICLES AND MOTORCYCLES</i> |   | <b>KUMPULAN/GROUP: G452</b><br><i>MAINTENANCE AND REPAIR OF MOTOR VEHICLES</i> |
| <i>(Refer general training prerequisite in NOSS document)</i>   |   |  |
| Area  | <b>Penyenggaraan Kenderaan Perdagangan / Commercial Vehicle Servicing</b>   |  |
| <b>L5</b>   | <b>G452-002-5:2017</b><br>Pengurusan Servis Selepas Jualan – Kenderaan Bermotor / <i>Motor Vehicles - After Sales Service Management</i><br>(20-06-97) (17-07-2012) (28-03-2017)          |  |
| <b>L4</b>   | <b>G452-002-4:2017</b><br>Operasi Servis Selepas Jualan – Kenderaan Bermotor / <i>Motor Vehicles - After Sales Service Operation</i><br>(20-06-97) (17-07-2012) (28-03-2017)              |  |
| <b>L3</b>   | <b>G452-001-3:2017</b><br>Kenderaan Perdagangan – Servis Diagnostik / <i>Commercial Vehicle - Troubleshooting Service</i><br>(28-11-95) (05-04-2012) (28-03-2017)                         |  |
| <b>L2</b>   | <b>G452-001-2:2017</b><br>Kenderaan Perdagangan – Servis Pembaikan / <i>Commercial Vehicle - Repair Service</i><br>(28-11-95) (05-04-2012) (28-03-2017)                                   |  |
|   | <i>Level 1: No Job Title</i>  |  |

| <b>Area</b>                    | <b>Penyemburan Cat Automotif / Automotive Spray Painting</b>  | <b>Pengetuk Panel Kenderaan / Automotive Panel Beating</b>   | <b>Penyenggaraan Jentera Tolak Tanah / Earth Moving Equipment Servicing</b>   |
|--------------------------------|---|--|---|
| <b>L5</b>                      | <b>G452-002-5:2017</b><br>Pengurusan Servis Selepas Jualan – Kenderaan Bermotor / <i>Motor Vehicles - After Sales Service Management</i><br>(20-06-97) (17-07-2012) (28-03-2017)                |  |   |
| <b>L4</b>                      | <b>G452-002-4:2017</b><br>Operasi Servis Selepas Jualan – Kenderaan Bermotor / <i>Motor Vehicles - After Sales Service Operation</i><br>(20-06-97) (17-07-2012) (28-03-2017)                    |  |   |
| <b>L3</b>                      | <b>G452-005-3:2019</b><br>Pengemasan & Pengecatan Semula Kenderaan / <i>Automotive Refinishing (AR)</i><br>(12-04-96) (05-04-2012) (30-01-2019)   | <b>G452-006-3:2019</b><br>Pembaikan Badan Kenderaan Automotif / <i>Automotive Body Repair</i><br>(20-06-97) (30-05-2002) (24-04-2013) (30-01-2019) | <b>TP-100-3:2013</b><br>Penyelenggaraan Jentera Tolak Tanah / <i>Earth Moving Equipment Maintenance</i><br>(19-12-94) (25-10-10) (30-12-2013) |
| <i>Level 1,2: No Job Title</i> |   |  |   |
| <b>Area</b>                    | <b>Automotive After Sales Service (Motor Insurance Claim)</b>   |  | <b>Motor Vehicle Insurance</b>  |
| <b>L5</b>                      | <b>G452-002-5:2017</b><br>Pengurusan Servis Selepas Jualan – Kenderaan Bermotor / <i>Motor Vehicles - After Sales Service Management</i><br>(20-06-97) (17-07-2012) (28-03-2017)                |  | <i>Level 5: Not Available</i>   |
| <b>L4</b>                      | <b>G452-002-4:2017</b><br>Operasi Servis Selepas Jualan – Kenderaan Bermotor / <i>Motor Vehicles - After Sales Service Operation</i><br>(20-06-97) (17-07-2012) (28-03-2017)                    |  | <i>Level 4: Not Available</i>   |
| <b>L3</b>                      | <b>G452-009-3:2022</b><br>Operasi Penilaian Kerosakan & Baik Pulih Kenderaan Bermotor / <i>Motor Vehicle Damage &amp; Repair Assessment Operation</i><br>(25-10-10) ((12-09-2022)               |  |   |
| <i>Level 1,2: No Job Title</i> |   |  |   |
| <b>Area</b>                    | <b>Perkhidmatan Persediaan Jentera Sukan Bermotor (Empat-Roda) / Motorsports Vehicle (Four-Wheel) Preparation Services</b>  | <b>Elektrik &amp; Elektronik / Electrical &amp; Electronics</b>  |   |
| <b>L5</b>                      | <b>TP-301-5:2012</b><br>Kejuruteraan Sukan Bermotor (4 Roda) / <i>Motorsport Engineering (4 Wheel)</i><br>(18-12-2012)  | <i>Level 5: Not Available</i>  |   |
| <b>L4</b>                      | <b>TP-301-4:2012</b><br>Kejuruteraan Sukan Bermotor (4 Roda) / <i>Motorsport Engineering (4 Wheel)</i><br>(18-12-2012)  | <i>Level 4: Not Available</i>  |   |
| <b>L3</b>                      | <b>G452-008-3:2020</b><br>Persediaan dan Penyelenggaraan Jentera Sukan Bermotor (Empat-Roda) / <i>Motorsports Vehicle (Four-Wheel) Preparation and Maintenance</i><br>(05-04-2012) (03-09-2020) | <b>TP-302-3</b><br>Juruteknik Sukan Bermotor (Elektrik & Elektronik) / <i>Motorsport Technician (Electrical &amp; Electronics)</i><br>(05-04-2012) |   |
| <b>L2</b>                      | <b>G452-002-2:2018</b><br>Perkhidmatan Pembaikan – Kenderaan Ringan / <i>Light Vehicle – Repair Service</i><br>(07-07-93) (16-07-98) (25-10-10) (24-04-2013) (11-10-2016) (08-10-2018)          |  |   |
| <i>Level 1,2: No Job Title</i> |   |  |   |

| <b>Area</b>   |  |   |   |  |
|---|--|---|---|--|
| <b>Penyenggaraan Penyamanan Udara Automotif / Automotive Air Conditioning Servicing</b> |  |   |   |  |
| <i>Level 4,5: Not Available</i>   |  |   |   |  |
| <b>L3</b>   | <b>G452-003-3:2018</b><br>Kenderaan Ringan - Penyelenggaraan HVAC / <i>Light Vehicle - HVAC Maintenance</i><br>(10-08-2006) (18-12-2012) (07-05-2018)                                  |   | <b>TP-122-3:2013</b><br>Pemasangan & Penyelenggaraan Penyamanan Udara Kenderaan Komersial / <i>Commercial Vehicle Air Conditioning Installation &amp; Maintenance</i><br>(30-12-2013)           |  |
|   | <i>Level 1,2: No Job Title</i>   |   |   |  |
| <b>Area</b>   | <b>Pemasangan Sistem Gas Asli Termampat/ CNG System Installation</b>   | <b>Automotif (Elektrik) Automotive (Electrical)</b>   | <b>Automotif (Kenderaan motor) / Automotive (Vehicle)</b>   | <b>Servis Tayar / Tyre Service</b>   |
| <b>L5</b>   | <i>Level 5: Not Available</i>  | <b>TP-310-5</b><br>Ahli Teknologi Elektrik Automotif / <i>Automotive Electrical Technologist</i><br>(25-10-10)  | <b>G452-002-5:2017</b><br>Pengurusan Servis Selepas Jualan – Kenderaan Bermotor / <i>Motor Vehicles - After Sales Service Management</i><br>(20-06-97) (17-07-2012) (28-03-2017)                | <i>Level 5: Not Available</i>  |
| <b>L4</b>   | <i>Level 4: Not Available</i>  | <b>TP-310-4</b><br>Ahli Teknologi Elektrik Automotif / <i>Automotive Electrical Technologist</i><br>(25-10-10)  | <b>G452-002-4:2017</b><br>Operasi Servis Selepas Jualan – Kenderaan Bermotor / <i>Motor Vehicles - After Sales Service Operation</i><br>(20-06-97) (17-07-2012) (28-03-2017)                    | <i>Level 4: Not Available</i>  |
| <b>L3</b>   | <b>G452-004-3:2019</b><br>Pemasangan Kenderaan Gas Asli Termampat / <i>Compressed Natural Gas (CNG) Vehicle Installation</i><br>(26-10-93) (17-12-98) (05-04-2012) (30-01-2019)        | <b>G452-002-3:2018</b><br>Servis Diagnostik – Kenderaan Ringan / <i>Light Vehicle – Diagnose Service</i><br>(07-07-93) (16-07-98) (25-10-10) (24-04-2013) (11-10-2016) (08-10-2018) |   | <b>TP-308-3:2016</b><br>Servis Diagnostik – Sistem Roda & Sistem Gantungan / <i>Light Vehicle Wheel &amp; Suspension – Troubleshooting Service</i><br>(11-10-2016) |
| <b>L2</b>   | <b>G452-002-2:2018</b><br>Perkhidmatan Pembaikan – Kenderaan Ringan / <i>Light Vehicle – Repair Service</i><br>(07-07-93) (16-07-98) (25-10-10) (24-04-2013) (11-10-2016) (08-10-2018) |   | <b>TP-308-2:2016</b><br>Servis Pembaikan – Sistem Roda & Sistem Gantungan / <i>Light Vehicle Wheel &amp; Suspension – Repair Service</i><br>(13-04-2000) (30-10-2007) (05-04-2012) (11-10-2016) | <b>TP-309-2:2012</b><br>Servis Tayar Kenderaan Berat / <i>Heavy Vehicle Wheel Servicing</i><br>(13-04-2000) (30-10-2007) (05-04-2012)                              |
| <i>Level 1: No Job Title</i>  |  |   |   |  |

| Area  | Operasi Bas Elektrik /<br><i>Electric Bus Operation</i>   | Servis Kereta Elektrik dan Hibrid /<br><i>Electric and Hybrid Car Service</i>   | Servis Kereta Elektrik   |
|---|---|---|--|
| L5  | <b>TP-331-5:2014</b><br>Pengurusan<br>Penyelenggaraan Bas<br>Elektrik / <i>Electric Bus<br/>Maintenance Management</i><br>(16-12-2014)                                    | <b>G452-002-5:2017</b><br>Pengurusan Servis Selepas Jualan –<br>Kenderaan Bermotor / <i>Motor Vehicles</i><br>- <i>After Sales Service Management</i><br>(20-06-97) (17-07-2012) (28-03-<br>2017) | <i>Level 5: Not Available</i>  |
| L4  | <b>TP-331-4:2014</b><br>Pengurusan<br>Penyelenggaraan Bas<br>Elektrik / <i>Electric Bus<br/>Maintenance Management</i><br>(16-12-2014)                                    | <b>G452-002-4:2017</b><br>Operasi Servis Selepas Jualan –<br>Kenderaan Bermotor / <i>Motor Vehicles</i><br>- <i>After Sales Service Operation</i><br>(20-06-97) (17-07-2012) (28-03-<br>2017)     | <i>Level 4: Not Available</i>  |
| L3  | <b>TP-331-3:2014</b><br>Operasi Bas Elektrik /<br><i>Electric Bus Operation</i><br>(16-12-2014)   | <b>G452-007-3:2019</b><br>Servis Kereta Elektrik dan Hibrid /<br><i>Electric and Hybrid Car Servicing</i><br>(16-12-2014) (07-08-2019)  | <b>G452-010-3:2023</b><br>Diagnostik dan Pembaikan Kenderaan<br>Elektrik Bateri (BEV) / <i>Battery Electric<br/>Vehicle (Bev) Diagnostic And<br/>Rectification</i><br>(8-5-2023) |
| L2  | <i>Level 2: No Job Title</i>  | <b>G452-002-2:2018</b><br>Perkhidmatan Pembaikan – Kenderaan Ringan / <i>Light Vehicle – Repair Service</i><br>(07-07-93) (16-07-98) (25-10-10) (24-04-2013) (11-10-2016) (08-10-2018)            |  |
| <i>Level 1: No Job Title</i>  |   |   |  |
| Area  | Operasi Tempat Letak Kereta / <i>Car Parking Operation</i>  |   |  |
| <i>Level 4,5: Not Available</i>   |   |   |  |
| L3  | <b>TP-335-3:2016</b><br>Operasi & Perkhidmatan Tempat Letak Kereta / <i>Car Park Operation &amp; Services</i><br>(04-02-2016)   |   |  |
| <i>Level 1,2: No Job Title</i>  |   |   |  |
| <b>BAHAGIAN/DIVISION: G45</b><br><i>WHOLESALE AND RETAIL TRADE AND REPAIR OF MOTOR<br/>VEHICLES AND MOTORCYCLES</i> |   | <b>KUMPULAN/GROUP: G454</b><br><i>SALE, MAINTENANCE AND REPAIR OF<br/>MOTORCYCLES AND RELATED PARTS AND<br/>ACCESSORIES</i>   |  |
| <i>(Please refer general training prerequisite in NOSS document)</i>  |   |   |  |
| Area  | 2 Tayar / <i>2 Wheel</i>  | Penyelenggaraan Motosikal / <i>Motorcycle Servicing</i>   |  |
| L5  | <b>TP-119-5:2015</b><br>Kejuruteraan Sukan Bermotor (2 Tayar) /<br><i>Motorsport Engineering (2 Wheel)</i><br>(31-03-2015)  | <b>TP-118-5:2015</b><br>Pengurusan & Penyelenggaraan Motosikal / <i>Motorcycle<br/>Servicing &amp; Management</i><br>(31-03-2015)   |  |
| L4  | <b>TP-119-4:2015</b><br>Kejuruteraan Sukan Bermotor (2 Tayar) /<br><i>Motorsport Engineering (2 Wheel)</i><br>(31-03-2015)  | <b>TP-118-4:2015</b><br>Pengurusan & Penyelenggaraan Motosikal / <i>Motorcycle<br/>Servicing &amp; Management</i><br>(31-03-2015)   |  |
| L3  | <b>G454-001-3:2018</b><br>Motosikal - Perkhidmatan Diagnosis / <i>Motorcycle - Diagnose Service</i><br>(19-07-96) (30-05-2002) (05-04-2012) (07-05-2018)                  |   |  |
| L2  | <b>G454-001-2:2018</b><br>Motosikal - Perkhidmatan Pembaikan / <i>Motorcycle - Repair Service</i><br>(19-07-96) (30-05-2002) (05-04-2012) (07-05-2018)                    |   |  |
| L1  | <b>G454-001-1:2018</b><br>Motosikal - Penyelenggaraan & Perkhidmatan / <i>Motorcycle - Maintenance &amp; Service</i><br>(19-07-96) (30-05-2002) (05-04-2012) (07-05-2018) |   |  |

| BAHAGIAN/DIVISION: G46<br>WHOLESALE TRADE, EXCEPT OF MOTOR VEHICLES AND<br>MOTORCYCLES |   | KUMPULAN/GROUP: G463<br>WHOLESALE OF FOOD, BEVERAGE AND TOBACCO   |  |  |
|--|---|---|--|--|
| <i>(Please refer general training prerequisite in NOSS document)</i>                   |   |   |  |  |
| <b>Area</b>  | <b>Industri Pemprosesan Makanan - Gudang / Food Processing Industry - Warehouse</b>                                   |   |  |  |
|  | <i>Level 4,5: Not Available</i>   |   |  |  |
| <b>L3</b>  | <b>Y-080-3</b><br>Penyelia Gudang (Pengedaran Makanan) / Warehouse Supervisor (Food Distribution)<br>(17-04-2003)     |   |  |  |
| <b>L2</b>  | <b>Y-080-2</b><br>Pembantu Gudang (Pengedaran Makanan) / Storekeeper (Food Distribution)<br>(17-04-2003)              |   |  |  |
|  | <i>Level 1: No Job Title</i>  |   |  |  |
| BAHAGIAN/DIVISION: G47<br>RETAIL TRADE, EXCEPT OF MOTOR VEHICLES AND<br>MOTORCYCLES    |   | KUMPULAN/GROUP: G471<br>RETAIL SALE IN NON-SPECIALIZED STORES   |  |  |
| <i>(Please refer general training prerequisite in NOSS document)</i>                   |   |   |  |  |
| <b>Area</b>  | <b>Operasi / Branch<br/>Operation</b>   | <b>Daging / Meat &amp; Poultry</b>  | <b>Buah-buahan &amp; Sayur-<br/>sayuran / Fruits &amp;<br/>Vegetable</b>   | <b>Operasi Ibu Pejabat<br/>/ HQ Operations</b>   |
| <b>L5</b>  | <b>DT-010-5:2014</b><br>Pengurusan Operasi<br>Peruncitan / Retail<br>Operation Management<br>(10-12-10) (25-09-2014)  | <b>G471-002-5:2021</b><br>Pengurusan Pemetongan<br>Daging Runcit / Retail<br>Butchering Management<br>(29-10-2021)            | <i>Level 5: Not Available</i>  | <i>Level 5: Not Available</i>  |
| <b>L4</b>  | <b>DT-010-4:2014</b><br>Operasi Peruncitan<br>(Bahagian) / Retail<br>Operation (Division)<br>(10-12-10) (25-09-2014)  | <b>G471-002-4:2021</b><br>Koordinasi Pemetongan<br>Daging Runcit / Retail<br>Butchering Coordination<br>(29-10-2021)          | <i>Level 4: Not Available</i>  | <i>Level 4: Not Available</i>  |
| <b>L3</b>  | <b>DT-010-3:2014</b><br>Operasi Peruncitan<br>(Jabatan) / Retail<br>Operation (Department)<br>(10-12-10) (25-09-2014) | <b>DT-013-3:2014</b><br>Operasi Pemetongan<br>Daging Runcit / Retail<br>Butchering Operation<br>(23-06-2009) (25-09-<br>2014) | <b>DT-015-3:2016</b><br>Operasi Runcit Buah-Buahan<br>& Sayur-Sayuran / Fruits &<br>Vegetable Retail Operation<br>(24-05-2016) | <b>DT-014-3:2014</b><br>Operasi Perdagangan<br>Runcit / Retail<br>Merchandising<br>Operation<br>(16-12-2014) |
|  | <i>Level 1,2: No Job Title</i>  |   |  |  |
| <b>Area</b>  | <b>Jualan / Sale</b>  |   | <b>Belian / Purchasing</b>   |  |
| <b>L5</b>  | <b>DT-020-5:2011</b><br>Operasi Jualan / Sales Operation<br>(20-12-2011)  |   | <i>Level 4,5: Not Available</i>  |  |
| <b>L4</b>  | <b>DT-020-4:2011</b><br>Operasi Jualan / Sales Operation<br>(20-12-2011)  |   |  |  |
| <b>L3</b>  | <b>DT-020-3:2011</b><br>Operasi Jualan / Sales Operation<br>(20-12-2011)  |   | <b>DT-021-3:2012</b><br>Operasi Pembelian (Jualan Borong) / Purchasing<br>Operation (Wholesale)<br>(05-04-2012)                |  |
| <b>L2</b>  | <b>DT-020-2:2011</b><br>Operasi Jualan / Sales Operation<br>(20-12-2011)  |   | <i>Level 2: No Job Title</i>   |  |
|  | <i>Level 1: No Job Title</i>  |   |  |  |



| Area   | <b>Operasi Kedai Runcit / Retail Store Operations</b>  |
|--|--|
| <b>L5</b>  | <b>G471-001-5:2019</b><br>Pengurusan Outlet Peruncitan / <i>Retail Outlet Management</i><br>(25-04-2019)                   |
| <b>L4</b>  | <b>G471-001-4:2019</b><br>Pengurusan Operasi Outlet Peruncitan / <i>Retail Outlet Operation Management</i><br>(25-04-2019) |
| <b>L3</b>  | <b>G471-001-3:2018</b><br>Operasi Outlet Peruncitan / <i>Retail Outlet Operations</i><br>(20-12-2011)                      |
|  | <i>Level 1,2: No Job Title</i>   |
| <i>(Please refer general training prerequisite in NOSS document)</i>   |  |
| <div style="display: flex; justify-content: space-between;"> <div style="width: 45%; text-align: center;"> <b>BAHAGIAN/DIVISION: G47</b><br/>                     RETAIL TRADE, EXCEPT OF MOTOR VEHICLES AND<br/>                     MOTORCYCLES                 </div> <div style="width: 45%; text-align: center;"> <b>KUMPULAN/GROUP: G477</b><br/>                     RETAIL SALE OF OTHER GOODS IN SPECIALIZED STORES                 </div> </div> |  |
| Area   | <b>/ Retail sale of clothing, footwear, and leather articles in specialised stores - Merchandising</b>                     |
|  | <i>Level 4,5: Not Available</i>  |
| <b>L3</b>  | <b>G477-001-3:2023</b><br>Perdagangan Peruncitan Fesyen / <i>Fashion Retail Merchandising</i><br>(8-5-2023)                |
|  | <i>Level 1,2: No Job Title</i>   |

## 15. STANDARD DI BAWAH SEKSYEN EKONOMI MSIC H: PENGANGKUTAN DAN PENYIMPANAN

| SECTION H: TRANSPORTATION AND STORAGE |   |                                       |
|---------------------------------------|---|---------------------------------------|
| BAHAGIAN/<br>DIVISION                 | KUMPULAN/<br>GROUP  | KETERANGAN/<br>DESCRIPTION            |
| <b>H49</b>                            | <b>LAND TRANSPORT AND TRANSPORT VIA PIPELINES</b>             |                                       |
|                                       | <b>H491</b>   | TRANSPORT VIA RAILWAYS                |
|                                       | <b>H492</b>   | OTHER LAND TRANSPORT                  |
|                                       | <b>H493</b>   | TRANSPORT VIA PIPELINE                |
| <b>H50</b>                            | <b>WATER TRANSPORT</b>  |                                       |
|                                       | <b>H501</b>   | SEA AND COASTAL WATER TRANSPORT       |
|                                       | <b>H502</b>   | INLAND WATER TRANSPORT                |
| <b>H51</b>                            | <b>AIR TRANSPORT</b>  |                                       |
|                                       | <b>H511</b>   | PASSENGER AIR TRANSPORT               |
|                                       | <b>H512</b>   | FREIGHT AIR TRANSPORT                 |
| <b>H52</b>                            | <b>WAREHOUSING AND SUPPPORT ACTIVITIES FOR TRANSPORTATION</b> |                                       |
|                                       | <b>H521</b>   | WAREHOUSING AND STORAGE               |
|                                       | <b>H522</b>   | SUPPORT ACTIVITIES FOR TRANSPORTATION |
| <b>H53</b>                            | <b>POSTAL AND COURIER ACTIVITIES</b>                          |                                       |
|                                       | <b>H531</b>   | POSTAL ACTIVITIES                     |
|                                       | <b>H532</b>   | COURIER ACTIVITIES                    |

| BAHAGIAN/DIVISION: H49<br>LAND TRANSPORT AND TRANSPORT VIA PIPELINES |   | KUMPULAN/GROUP: H491<br>TRANSPORT VIA RAILWAYS |
|--|---|--|
| <i>(Please refer general training prerequisite in NOSS document)</i> |   |  |
| <b>Area</b>  | <b>Semboyan dan Komunikasi / Signalling and Communication</b>   |  |
|  | <b>H491-001-5:2017</b>  |  |
| <b>L5</b>  | Pengurusan Semboyan dan Komunikasi Kereta Api / <i>Railway Signalling and Communication Management</i><br>(18-11-11) (27-11-2017)                                     |  |
|  | <b>H491-001-4:2017</b>  |  |
| <b>L4</b>  | Koordinasi Semboyan dan Komunikasi Kereta Api / <i>Railway Signalling and Communication Coordination</i><br>(18-11-11) (27-11-2017)                                   |  |
|  | <b>H491-001-3:2017</b>  |  |
| <b>L3</b>  | Kawalan Penyelenggaraan Semboyan dan Komunikasi Kereta Api / <i>Railway Signalling and Communication Maintenance Control</i><br>(10-12-10) (25-09-2014) (27-11-2017)  |  |
|  | <b>H491-001-2:2017</b>  |  |
| <b>L2</b>  | Penyelenggaraan Semboyan dan Komunikasi Kereta Api / <i>Railway Signalling and Communication Maintenance</i><br>(10-12-10) (25-09-2014) (27-11-2017)                  |  |
|  | <i>Level 1: No Job Title</i>  |  |
| <b>Area</b>  | <b>Penyelenggaraan Stok Kereta / Rolling Stock Maintenance</b>  |  |
|  | <b>H491-002-5:2017</b>  |  |
| <b>L5</b>  | Pengurusan Penyelenggaraan Stok Kereta / <i>Rolling Stock Maintenance Management</i><br>(10-12-10) (18-11-11) (25-09-2014) (27-11-2017)                               |  |
|  | <b>H491-002-4:2017</b>  |  |
| <b>L4</b>  | Perancangan dan Pengawalan Penyelenggaraan Stok Kereta / <i>Rolling Stock Maintenance Planning and Controlling</i><br>(10-12-10) (18-11-11) (25-09-2014) (27-11-2017) |  |
|  | <b>H491-002-3:2017</b>  |  |
| <b>L3</b>  | Kawalan Kualiti Penyelenggaraan Stok Kereta / <i>Rolling Stock Maintenance Quality Control</i><br>(10-12-10) (18-11-11) (25-09-2014) (27-11-2017)                     |  |
|  | <b>H491-002-2:2017</b>  |  |
| <b>L2</b>  | Penyelenggaraan Stok Kereta / <i>Rolling Stock Maintenance</i><br>(10-12-10) (18-11-11) (25-09-2014) (27-11-2017)   |  |
|  | <i>Level 1: No Job Title</i>  |  |

| Area  | Landasan Keretapi / Railway  |   |  |
|---|--|---|--|
|   | <i>Level 4,5: Not Available</i>  |   |  |
| L3  | <b>H491-004-3:2020</b><br>Pengawalan Operasi Keretapi / Rail Operation Control<br>(10-12-10) (03-09-2020)  |   |  |
|   | <i>Level 1,2: No Job Title</i>   |   |  |
| Area  | Unit-Multi-Elektrik Lokomotif-Operasi Stesen / Electrical Multiple Unit (EMU)-Locomotive-Station Operation   |   |  |
| L5  | <b>TP-710-5:2016</b><br>Pengurusan Operasi & Kawalan Kereta Api / Railway Operations & Control Management<br>(18-11-11) (04-02-2016)                         |   |  |
| L4  | <b>TP-710-4:2016</b><br>Pentadbiran Operasi & Kawalan Kereta Api / Railway Operations & Control Administration<br>(18-11-11) (04-02-2016)                    |   |  |
| L3  | <b>TP-711-3:2014</b><br>Operasi Penyeliaan EMU / EMU Operation Supervision<br>(10-12-10) (25-09-2014)  | <b>TP-720-3:2014</b><br>Penyeliaan Pemanduan Lokomotif / Locomotive Driver Supervision<br>(10-12-10) (25-09-2014)           | <b>H491-005-3:2020</b><br>Penyeliaan Operasi Stesen Keretapi / Railways Station Operation Supervision<br>(18-11-11) (03-09-2020) |
| L2  | <b>TP-711-2:2014</b><br>Operasi EMU / EMU Operation<br>(10-12-10) (25-09-2014)   | <b>TP-720-2:2014</b><br>Operasi Pemanduan Lokomotif / Locomotive Driving Operation<br>(10-12-10) (25-09-2014)               | <b>H491-005-2:2020</b><br>Operasi Stesen Keretapi / Railways Station Operation<br>(18-11-11) (03-09-2020)                        |
| L1  | <i>Level 1: No Job Title</i>   | <b>TP-720-1:2014</b><br>Operasi Pemeriksaan Lokomotif / Locomotive Inspection Operation<br>(10-12-10) (25-09-2014)          | <i>Level 1: No Job Title</i>   |
| Area  | Operasi Perkhidmatan di Atas Keretapi / Railways On-Board Service Operation  |   |  |
|   | <i>Level 4,5: Not Available</i>  |   |  |
| L3  | <b>H491-003-3:2020</b><br>Pemeriksaan Kualiti Operasi Perkhidmatan di Atas Keretapi / Railways On-Board Service Operation Quality Inspection<br>(03-09-2020) |   |  |
| L2  | <b>H491-003-2:2020</b><br>Pemeriksaan Operasi Perkhidmatan di Atas Keretapi / Railways On-Board Service Operation Inspection<br>(03-09-2020)                 |   |  |
| L1  | <i>Level 1: No Job Title</i>   |   |  |
| <b>BAHAGIAN/DIVISION: H49</b><br>LAND TRANSPORT AND TRANSPORT VIA PIPELINES |  | <b>KUMPULAN/GROUP: H492</b><br>OTHER LAND TRANSPORT   |  |
| <i>(Please refer general training prerequisite in NOSS document)</i>        |  |   |  |
| Area  | Operasi Terminal Pengangkutan Awam/ Public Transport Terminal Operation  | Pengangkutan, Penyimpanan Dan Komunikasi – Pengangkutan Jalan /   |  |
| L5  | <b>IL-010-5:2012</b><br>Pengurusan Operasi Terminal Pengangkutan Awam / Public Transport Terminal Operation Management<br>(18-12-2012)                       | <i>Level 5: Not Available</i>   |  |
| L4  | <b>IL-010-4:2012</b><br>Pengurusan Operasi Terminal Pengangkutan Awam / Public Transport Terminal Operation Management<br>(18-12-2012)                       | <i>Level 4: Not Available</i>   |  |
| L3  | <b>IL-010-3:2012</b><br>Operasi Terminal Pengangkutan Awam / Public Transport Terminal Operation<br>(18-12-2012)   | <b>H492-001-3:2017</b><br>Pengurusan Keselamatan Pengangkutan Jalan / Road Transportation Safety Management<br>(28-03-2017) |  |
|   | <i>Level 1,2: No Job Title</i>   |   |  |

| BAHAGIAN/DIVISION: H49<br>LAND TRANSPORT AND TRANSPORT VIA PIPELINES |  | KUMPULAN/GROUP: H493<br>TRANSPORT VIA PIPELINE  |  |
|--|--|---|--|
| <i>(Please refer general training prerequisite in NOSS document)</i> |  |   |  |
| <b>Area</b>  | <b>Pemasangan Saluran Paip Minyak dan Gas / Oil and Gas Pipeline Installation</b>                                |   |  |
|  | <i>Level 4,5: Not Available</i>  |   |  |
| <b>L3</b>  | <b>H493-001-3:2019</b><br>Penyeliaan Pemasangan Saluran Paip / Pipeline Installation Supervision<br>(25-04-2019) |   |  |
| <b>L2</b>  | <b>H493-001-2:2019</b><br>Operasi Pemasangan Saluran Paip / Pipeline Installation Operation<br>(25-04-2019)      |   |  |
|  | <i>Level 1: No Job Title</i>   |   |  |
| BAHAGIAN/DIVISION: H50<br>WATER TRANSPORT                            |  | KUMPULAN/GROUP: H501<br>SEA AND COASTAL WATER TRANSPORT   |  |
| <i>(Please refer general training prerequisite in NOSS document)</i> |  |   |  |
| <b>Area</b>  | <b>Perkhidmatan Maritim / Maritime Services</b>  |   |  |
| <b>L5</b>  | <b>H501-001-5:2016</b><br>Pengurusan Kapal / Ship Management<br>(06-12-2016)                                     |   |  |
| <b>L4</b>  | <b>H501-001-4:2016</b><br>Pengurusan Kapal / Ship Management<br>(06-12-2016)                                     |   |  |
|  | <i>Level 1,2,3: No Job Title</i>   |   |  |
| <b>Area</b>  | <b>Commercial Vessel Engine Maintenance</b>  | <b>Offshore Support Vessel (OSV) Engine Maintenance</b>   |  |
| <b>L5</b>  | <i>Level 5: Not Available</i>  | <b>TP-090-5</b><br>Second Engineer Officer of 3000kw Or More On Near Coastal Trade Voyage<br>(25-10-10) |  |
| <b>L4</b>  | <b>TP-090-4</b><br>Watch Keeping Engineer of 750kw or More on Near Coastal Trade Voyage<br>(25-10-10)            |   |  |
| <b>L3</b>  | <b>H501-002-3:2017</b><br>Marine Engine Maintenance Operation<br>(25-10-10) (28-03-2017)                         |   |  |
| <b>L2</b>  | <b>H501-002-2:2017</b><br>Marine Engine Room Watchkeeping<br>(25-10-10) (28-03-2017)                             |   |  |
|  | <i>Level 1: No Job Title</i>   |   |  |
| <b>Area</b>  | <b>Cook (Commercial Vessel)</b>  |   |  |
|  | <i>Level 4,5: Not Available</i>  |   |  |
| <b>L3</b>  | <b>H501-004-3:2021</b><br>Penyeliaan Katering Kapal / Ship Catering Supervision<br>(23-02-2021)                  |   |  |
| <b>L2</b>  | <b>H501-004-2:2021</b><br>Operasi Katering Kapal / Ship Catering Operation<br>(23-02-2021)                       |   |  |
|  | <i>Level 1: No Job Title</i>   |   |  |

| <b>Area</b>  | <b>Geladak – Persisir Pantai &lt;500GT / Deck - Near Coastal &lt;500GT</b>   | <b>Geladak – Persisir Pantai 500GT - 3000GT / Deck - Near Coastal 500GT - 3000GT</b>   | <b>Geladak – Persisir Pantai &gt;3000GT / Deck - Near Coastal &gt;3000GT</b> | <b>Geladak – Tanpa Had &gt;500GT / Deck – Unlimited &gt;500GT</b> |
|--|--|--|--|---|
| <b>L5</b>  | <i>Level 5: Not Available</i>  | <b>H501-003-5:2020</b><br>Pengurusan Kendalian Kapal Persisir Pantai / <i>Shipboard Near Coastal Management</i><br>(05-04-2012) (03-09-2020)                 |  | <i>Level 5: Not Available</i>                                     |
| <b>L4</b>  | <i>Level 4: Not Available</i>  | <b>H501-003-4:2020</b><br>Operasi Kendalian Kapal dan Kargo Persisir Pantai / <i>Shipboard and Cargo Near Coastal Operation</i><br>(05-04-2012) (03-09-2020) |  | <i>Level 4: Not Available</i>                                     |
| <b>L3</b>  | <b>H501-003-3:2019</b><br>Pengawasan Navigasi dan Operasi Sokongan Geladak / <i>Navigational Watch and Deck Support Operation</i><br>(05-04-2012) (30-01-2019)<br><i>*Pertukaran daripada kod terdahulu iaitu H522-007-3:2019 bermula 03 September 2020.</i> |  |  |   |
| <b>L2</b>  | <b>H501-003-2:2019</b><br>Operasi Sokongan Navigasi / <i>Navigational Watch Support Operation</i><br>(05-04-2012) (30-01-2019)<br><i>*Pertukaran daripada kod terdahulu iaitu H522-007-2:2019 bermula 03 September 2020.</i>                                 |  |  |   |
|  | <i>Level 1: No Job Title</i>   |  |  |   |
| <b>BAHAGIAN/DIVISION: H50</b><br>WATER TRANSPORT                     |  | <b>KUMPULAN/GROUP: H502</b><br>INLAND WATER TRANSPORT  |  |   |
| <i>(Please refer general training prerequisite in NOSS document)</i> |  |  |  |   |
| <b>Area</b>  | <b>Enjin Kapal Sokongan Pesisiran Pantai (OSV) / Offshore Support Vessel (OSV) Engine</b>  |  |  |   |
| <b>L5</b>  | <b>H502-001-5:2016</b><br>Pengurusan Enjin Kapal Sokongan Pesisiran Pantai (OSV) / <i>Offshore Support Vessel (OSV) Engine Management</i><br>(06-12-2016)  |  |  |   |
| <b>L4</b>  | <b>H502-001-4:2016</b><br>Penyelenggaraan Enjin Kapal Sokongan Pesisiran Pantai (OSV) / <i>Offshore Support Vessel (OSV) Engine Maintenance</i><br>(06-12-2016)  |  |  |   |
|  | <i>Level 1,2,3: No Job Title</i>   |  |  |   |
| <b>Area</b>  | <b>Dek – Domestik &lt;500GT / Deck - Domestic &lt;500GT</b>  |  |  |   |
|  | <i>Level 4,5: Not Available</i>  |  |  |   |
| <b>L3</b>  | <b>H502-002-3:2020</b><br>Operasi Dek Domestik / <i>Deck Domestic Operation</i><br>(03-09-2020)  |  |  |   |
|  | <i>Level 1: No Job Title</i>   |  |  |   |
| <b>BAHAGIAN/DIVISION: H51</b><br>AIR TRANSPORT                       |  | <b>KUMPULAN/GROUP: H512</b><br>FREIGHT AIR TRANSPORT   |  |   |
| <i>(Please refer general training prerequisite in NOSS document)</i> |  |  |  |   |
| <b>Area</b>  | <b>/ Unmanned Aerial Vehicle</b>   |  |  |   |
|  | <i>Level 4,5: Not Available</i>  |  |  |   |
| <b>L3</b>  | <b>H512-001-3:2019</b><br>Pemerintahan Misi Dron / <i>Drone Mission Commanding</i><br>(30-01-2019)   |  |  |   |
| <b>L2</b>  | <b>H512-001-2:2019</b><br>Pengendalian Dron / <i>Drone Piloting</i><br>(30-01-2019)  |  |  |   |
|  | <i>Level 1: No Job Title</i>   |  |  |   |

| <b>BAHAGIAN/DIVISION: H52</b><br>WAREHOUSING AND SUPPPORT ACTIVITIES FOR<br>TRANSPORTATION |   | <b>KUMPULAN/GROUP: H521</b><br>WAREHOUSING AND STORAGE               |  |
|--|---|--|--|
| <i>(Please refer general training prerequisite in NOSS document)</i>                       |   |  |  |
| <b>Area</b>  | <b>Penggudangan &amp; Pengangkutan-Pengurusan Inventori-Pengagihan Domestik &amp; Regional / Warehouse &amp; Transportation-Inventory Management-Domestic &amp; Regional Distribution</b> |  |  |
| <b>L5</b>  | <b>IL-012-5:2012</b><br>Pengurusan Operasi Perkhidmatan Pengagihan & Penggudangan / Warehouse & Distribution Service Operation Management<br>(18-12-2012)                                 |  |  |
| <b>L4</b>  | <b>IL-012-4:2012</b><br>Pengurusan Operasi Perkhidmatan Pengagihan & Penggudangan / Warehouse & Distribution Service Operation Management<br>(18-12-2012)                                 |  |  |
| <b>L3</b>  | <b>IL-012-3:2012</b><br>Operasi Perkhidmatan Pengagihan & Penggudangan / Warehouse & Distribution Service Operation<br>(19-12-94) (01-10-09) (18-12-2012)                                 |  |  |
| <i>Level 1,2: No Job Title</i>   |   |  |  |
| <b>Area</b>  | <b>Flit Logistik-Gudang/ Logistic-Warehouse Fleet</b>   |  |  |
| <i>Level 4,5: Not Available</i>  |   |  |  |
| <b>L3</b>  | <b>FB-012-3</b><br>Penyelia Setor / Store Supervisor<br>(01-10-09)  |  |  |
| <b>L2</b>  | <b>FB-012-2</b><br>Penjaga Setor / Storekeeper<br>(01-10-09)  |  |  |
| <b>L1</b>  | <b>FB-012-1</b><br>Storehand / Storehand<br>(01-10-09)  |  |  |
| <b>BAHAGIAN/DIVISION: H52</b><br>WAREHOUSING AND SUPPPORT ACTIVITIES FOR<br>TRANSPORTATION |   | <b>KUMPULAN/GROUP: H522</b><br>SUPPORT ACTIVITIES FOR TRANSPORTATION |  |
| <i>(Please refer general training prerequisite in NOSS document)</i>                       |   |  |  |
| <b>Area</b>  | <b>Peralatan Sokongan Darat (GSE)/ Ground Support Equipment (GSE)</b>   |  |  |
| <i>Level 4,5: Not Available</i>  |   |  |  |
| <b>L3</b>  | <b>H522-001-3:2016</b><br>Penyelenggaraan Peralatan Sokongan Darat (GSE) / Ground Support Equipment (GSE) Maintenance<br>(25-10-10) (7-10-99) (06-12-2016)                                |  |  |
| <i>Level 1,2: No Job Title</i>   |   |  |  |
| <b>Area</b>  | <b>Pengendalian Darat - Perkhidmatan Ramp/ Ground Handling - Ramp Services</b>  |  |  |
| <b>L5</b>  | <b>H522-002-5:2016</b><br>Pengendalian Darat - Pengurusan Perkhidmatan Ramp / Ground Handling - Ramp Services Management<br>(06-12-2016)  |  |  |
| <b>L4</b>  | <b>H522-002-4:2016</b><br>Pengendalian Darat - Kawalan Perkhidmatan Ramp / Ground Handling - Ramp Services Control<br>(06-12-2016)  |  |  |
| <b>L3</b>  | <b>TP-800-3:2011</b><br>Ground Handling- Ramp Services<br>(18-11-11)  |  |  |
| <b>L2</b>  | <b>TP-800-2:2011</b><br>Ground Handling- Ramp Services<br>(18-11-11)  |  |  |
| <b>L1</b>  | <b>TP-800-1:2011</b><br>Ground Handling- Ramp Services<br>(18-11-11)  |  |  |

| Area | Operasi Pelabuhan / Port Operation   |
|------|--|
|      | <i>Level 4,5: Not Available</i>  |
| L3   | <b>H522-003-3:2017</b><br>Penyeliaan Operasi Stevedore / Stevedore Operation Supervision<br>(10-12-10) (28-03-2017)                                |
| L2   | <b>H522-003-2:2017</b><br>Operasi Stevedore / Stevedore Operation<br>(10-12-10) (28-03-2017)   |
|      | <i>Level 1: No Job Title</i>   |
| Area | Perkhidmatan Dalam Penerbangan / In-Flight Services  |
| L5   | <b>H522-004-5:2017</b><br>Pengurusan Keselamatan dan Hospitaliti Dalam Penerbangan / In-Flight Safety and Hospitality Management<br>(21-08-2017)   |
| L4   | <b>H522-004-4:2017</b><br>Koordinasi Keselamatan dan Hospitaliti Dalam Penerbangan / In-Flight Safety and Hospitality Coordination<br>(21-08-2017) |
| L3   | <b>TP-077-3:2013</b><br>Perkhidmatan Dalam Penerbangan / In-Flight Services<br>(30-12-2013)  |
|      | <i>Level 1,2: No Job Title</i>   |
| Area | Sukan dan Rekreasi -Operasi Golf / Sports and Recreation - Golf Operations   |
|      | <i>Level 3,4,5: Not Available</i>  |
| L2   | <b>HT-082-2</b><br>Buggy Mekanik / Buggy Mechanic<br>(05-04-2012)  |
| L1   | <b>HT-082-1</b><br>Pembantu Buggy Mekanik / Assistant Buggy Mechanic<br>(05-04-2012)   |
| Area | Penghantaran/ Forwarding   |
| L5   | <b>FB-011-5:2013</b><br>Pengurusan Operasi Penghantaran / Forwarding Operation Management<br>(30-09-97) (23-06-2009)<br>(30-12-2013)               |
| L4   | <b>FB-011-4:2013</b><br>Operasi Penghantaran / Forwarding Operation<br>(30-09-97) (23-06-2009)<br>(30-12-2013)                                     |
| L3   | <b>FB-011-3:2013</b><br>Operasi Penghantaran / Forwarding Operation<br>(30-09-97) (23-06-2009)<br>(30-12-2013)                                     |
| L2   | <b>FB-011-2:2013</b><br>Operasi Penghantaran / Forwarding Operation<br>(30-09-97) (23-06-2009)<br>(30-12-2013)                                     |
|      | <i>Level 1: No Job Title</i>   |
| Area | Flit Logistik-Gudang/ Logistic-Warehouse Fleet   |
|      | <i>Level 4,5: Not Availale</i>   |
| L3   | <b>FB-013-3</b><br>Penyelia Flit / Fleet Supervisor<br>(01-10-09)  |
| L2   | <b>FB-013-2</b><br>Pemandu Flit / Fleet Driver<br>(01-10-09)   |
|      | <i>Level 1: No Job Title</i>   |

| Area                         |  | Logistik/ Logistics   |  |
|------------------------------|--|---|--|
| L5                           | <b>IL-013-5:2014</b><br>Pengurusan Operasi Logistik / <i>Logistics Operation Management</i><br>(25-06-2014)  |   |  |
| L4                           | <b>IL-013-4:2014</b><br>Pentadbiran Operasi Logistik / <i>Logistics Operation Administration</i><br>(25-06-2014)   |   |  |
| L3                           | <b>IL-013-3:2014</b><br>Penyeliaan Operasi Logistik / <i>Logistics Operation Supervision</i><br>(25-06-2014)   |   |  |
| L2                           | <b>IL-013-2:2014</b><br>Operasi Logistik / <i>Logistics Operation</i><br>(25-06-2014)  |   |  |
| <i>Level 1: No Job Title</i> |  |   |  |
| Area                         | Perkhidmatan Awam-Perkhidmatan Pengangkutan Barangan-Kenderaan Berat-Kenderaan Kecemasan / <i>Public Services Goods Vehicles Heavy Vehicles-Emergency Vehicles</i>   | Pemulihan Motor-Penyenggaraan Jentera Pertanian/ <i>Motor Recovery-Agricultural Machinery Servicing</i> | Operasi Pengangkutan Perdagangan / <i>Commercial Transportation Operations</i>   |
| L5                           | <i>Level 5: Not Available</i>  |   | <b>TP-330-5:2014</b><br>Pengurusan Operasi Pengangkutan Darat / <i>Land Transportation Operations Management</i><br>(30-05-2002) (25-09-2014)      |
| L4                           | <i>Level 4: Not Available</i>  |   | <b>TP-330-4:2014</b><br>Pentadbiran Operasi Pengangkutan Darat / <i>Land Transportation Operations Administration</i><br>(30-05-2002) (25-09-2014) |
| L3                           | <b>TP-320-3:2012</b><br>Operasi Kenderaan Profesional / <i>Professional Fleet Operation</i><br>(23-10-2012)  | <b>TP-413-3</b><br>Penyelia Kembalikan / <i>Recovery Supervisor</i><br>(25-10-10)                       | <b>TP-330-3:2014</b><br>Penyeliaan Operasi Pengangkutan Darat / <i>Land Transportation Operations Supervision</i><br>(30-05-2002) (25-09-2014)     |
| L2                           | <b>TP-320-2:2012</b><br>Pemanduan Kenderaan Berat, Awam, Barangan & Kecemasan / <i>Heavy, Public Service, Goods &amp; Emergency Vehicles Driving</i><br>(23-10-2012) | <b>TP-413-2</b><br>Juruteknik Kembalikan / <i>Recovery Technician</i><br>(25-10-10)                     | <i>Level 2: No Job Title</i>   |
| L1                           | <b>TP-320-1:2012</b><br>Pemanduan Kenderaan Ringan, Awam & Barangan / <i>Light, Public Service &amp; Goods Vehicle Driving</i><br>(23-10-2012)                       | <b>TP-413-1</b><br>Operator Kembalikan / <i>Recovery Operator</i><br>(25-10-10)                         | <i>Level 1: No Job Title</i>   |



| <b>Area</b>                        |   | <b>Operasi Pengangkutan Perdagangan/ Commercial Transport Operations</b>  |   |
|------------------------------------|---|---|---|
| <i>Level 4,5: Not Available</i>    |   |   |   |
| <b>L3</b>                          | <b>TP-324-3:2016</b><br>Penyelidikan Operasi Pemanduan (Bas) / <i>Driving Operation Supervision (Bus)</i><br>(08-01-2008) (30-12-2013) (04-02-2016)                       | <b>TP-325-3:2013</b><br>Operasi Kenderaan Perkhidmatan Awam (Teksi) / <i>Public Service Vehicle (Taxi) Operation</i><br>(08-01-2008) (30-12-2013) | <b>TP-326-3:2013</b><br>Operasi Kenderaan Pengangkutan Barangan / <i>Goods Vehicle Operation</i><br>(08-01-2008) (30-12-2013) |
| <b>L2</b>                          | <b>TP-324-2:2016</b><br>Operasi Pemanduan (Bas) / <i>Driving Operation (Bus)</i><br>(08-01-2008) (30-12-2013) (04-02-2016)  | <i>Level 2: No Job Title</i>  |   |
| <i>Level 1: No Job Title</i>       |   |   |   |
| <b>Area</b>                        |   | <b>Operasi Pengangkutan Awam / Public Transportation Operation</b>  |   |
| <b>Penguatkuasaan/ Enforcement</b> |   | <b>Pusat Kawalan/ Control Centre</b>  |   |
| <i>Level 4,5: Not Available</i>    |   |   |   |
| <b>L3</b>                          | <b>TP-037-3:2015</b><br>Inspektorat Pengangkutan Awam / <i>Public Transportation Inspectorate</i><br>(24-11-2015)   | <b>TP-038-3:2015</b><br>Operasi Pusat Kawalan Pengangkutan Darat / <i>Land Transportation Control Centre Operation</i><br>(24-11-2015)            |   |
| <i>Level 1,2: No Job Title</i>     |   |   |   |
| <b>Area</b>                        |   | <b>Pengendalian Bumi- Ground Handling</b>   |   |
| <i>Level 4,5: Not Available</i>    |   |   |   |
| <b>L3</b>                          | <b>TP-078-3:2013</b><br>Operasi Pengendalian Bumi / <i>Ground Handling Operation</i><br>(30-12-2013)  |   |   |
| <i>Level 1,2: No Job Title</i>     |   |   |   |
| <b>Area</b>                        |   | <b>Kebombaan &amp; Penyelamat Lapangan Terbang/ Airport Rescue &amp; Firefighting</b>   |   |
| <b>L5</b>                          | <b>TP-079-5:2016</b><br>Pengurusan Operasi Penyelamatan Lapangan Terbang & Pemandaman Api / <i>Airport Rescue &amp; Firefighting Operation Management</i><br>(04-02-2016) |   |   |
| <b>L4</b>                          | <b>TP-079-4:2016</b><br>Kawalan Operasi Penyelamatan Lapangan Terbang & Pemandaman Api / <i>Airport Rescue &amp; Firefighting Operation Control</i><br>(04-02-2016)       |   |   |
| <b>L3</b>                          | <b>TP-079-3:2014</b><br>Operasi Penyelamatan Lapangan Terbang & Pemandaman Api / <i>Airport Rescue &amp; Firefighting Operation</i><br>(25-09-2014)                       |   |   |
| <i>Level 1,2: No Job Title</i>     |   |   |   |

| <b>Operasi &amp; Penyelenggaraan Lapangan Terbang / Airport Operation &amp; Maintenance Aeronautical</b> |   |  |   |
|--|---|--|---|
| <b>Area</b>  | <b>Pencahayaan Landasan/ Ground Lighting</b>  | <b>Sistem Pengendalian Bagasi/ Baggage Handling System</b>   | <b>Jejambat Pelepasan Penumpang / Passenger Boarding Bridge</b>   |
| <b>L5</b>  | <b>TP-801-5:2014</b><br><i>Aeronautical Ground Lighting Operations &amp; Maintenance Management</i><br>(16-12-2014)     | <b>TP-802-5:2014</b><br><i>Baggage Handling System Operation &amp; Maintenance Management</i><br>(16-12-2014)  | <b>TP-803-5:2014</b><br><i>Passenger Boarding Bridge System Management</i><br>(16-12-2014)                    |
| <b>L4</b>  | <b>TP-801-4:2014</b><br><i>Aeronautical Ground Lighting Operations &amp; Maintenance Administration</i><br>(16-12-2014) | <b>TP-802-4:2014</b><br><i>Baggage Handling System Operation &amp; Maintenance Administration</i><br>(16-12-2014)  | <b>TP-803-4:2014</b><br><i>Passenger Boarding Bridge System Management</i><br>(16-12-2014)                    |
| <b>L3</b>  | <b>TP-801-3:2013</b><br><i>Aeronautical Ground Lighting Maintenance</i><br>(30-12-2013)                                 | <b>TP-802-3:2013</b><br><i>Baggage Handling System Operation &amp; Maintenance Services</i><br>(30-12-2013)  | <b>TP-803-3:2013</b><br><i>Passenger Boarding Bridge Operation &amp; Maintenance Services</i><br>(30-12-2013) |
| <i>Level 1,2: No Job Title</i>   |   |  |   |
| <b>Area</b>  | <b>Operasi Lapangan Terbang/ Airport Operations</b>   | <b>Zone Komersial Bebas/ Free Commercial Zone (FCZ)</b>  |   |
| <b>L5</b>  | <b>TP-804-5:2016</b><br><i>Airport Landside, Terminal &amp; Airside Operations Management</i><br>(04-02-2016)           | <b>TP-805-5:2014</b><br><i>Pengurusan Zon Komersial Bebas / Free Commercial Zone Management</i><br>(16-12-2014)  |   |
| <b>L4</b>  | <b>TP-804-4:2016</b><br><i>Airport Landside, Terminal &amp; Airside Operations Administration</i><br>(04-02-2016)       | <b>TP-805-4:2014</b><br><i>Pentadbiran Zon Komersial Bebas / Free Commercial Zone Administration</i><br>(16-12-2014)   |   |
| <b>L3</b>  | <b>TP-804-3:2014</b><br><i>Airport Landside, Terminal &amp; Airside Operations</i><br>(16-12-2014)                      | <b>TP-805-3:2014</b><br><i>Operasi Zon Komersial Bebas / Free Commercial Zone Operations</i><br>(16-12-2014)   |   |
| <i>Level 1,2: No Job Title</i>   |   |  |   |
| <b>Area</b>  | <b>Krew Bot Tunda Pelabuhan / Harbour Tug Boat Crew</b>   | <b>Operasi Sistem Informasi Trafik Kapal / Port Vessel Traffic Information System</b>  | <b>Perkhidmatan Sokongan Penghantaran Kargo/ Cargo Shipment Support Services</b>                              |
| <b>L5</b>  | <i>Level 5: Not Available</i>   |  | <b>TP-203-5:2014</b><br><i>Pengurusan Operasi Kargo / Cargo Operation Management</i><br>(25-09-2014)          |
| <b>L4</b>  | <i>Level 4: Not Available</i>   |  | <b>TP-203-4:2014</b><br><i>Pengurusan Operasi Kargo / Cargo Operation Management</i><br>(25-09-2014)          |
| <b>L3</b>  | <b>TP-201-3:2013</b><br><i>Operasi Bot Tunda Pelabuhan / Harbour Tug Boat Operation</i><br>(30-12-2013)                 | <b>TP-202-3:2013</b><br><i>Operasi Sistem Informasi Trafik Kapal (Pelabuhan) / Vessel Traffic Information System (VTIS) Operation (Port)</i><br>(30-12-2013) | <b>TP-203-3:2013</b><br><i>Perkhidmatan Operasi Kargo / Cargo Operation Services</i><br>(30-12-2013)          |
| <i>Level 1,2: No Job Title</i>   |   |  |   |

| Area                            | Perkhidmatan Pengendalian Kargo/ <i>Seaport Cargo Handling Services</i>   | Penyelenggaraan Pelabuhan/ <i>Port Maintenance</i>   |
|---------------------------------|---|--|
| L5                              | <i>Level 5: Not Available</i>   | <b>TP-206-5:2014</b><br>Pengurusan Penyelenggaraan Peralatan Pelabuhan / <i>Port Equipment Maintenance Management</i><br>(25-09-2014)                                  |
| L4                              | <i>Level 4: Not Available</i>   | <b>TP-206-4:2014</b><br>Pengurusan Penyelenggaraan Peralatan Pelabuhan / <i>Port Equipment Maintenance Management</i><br>(25-09-2014)                                  |
| L3                              | <b>TP-204-3:2013</b><br>Perancangan Operasi Pelabuhan / <i>Port Operation Planning</i><br>(30-12-2013)  | <i>Level 3: Not Available</i>  |
| <i>Level 1,2: No Job Title</i>  |   |  |
| Area                            | Tambatan / <i>Mooring</i>   |  |
| <i>Level 4,5: Not Available</i> |   |  |
| L3                              | <b>H522-005-3:2019</b><br>Penyeliaan Operasi Tambatan / <i>Mooring Operation Supervision</i><br>(30-01-2019)  |  |
| L2                              | <b>H522-005-2:2019</b><br>Operasi Tambatan / <i>Mooring Operation</i><br>(30-01-2019)   |  |
| <i>Level 1: No Job Title</i>    |   |  |
| Area                            | Ejen Kastam (Koordinasi Import dan Eksport) / <i>Customs Agents (Import and Export Coordination)</i>  |  |
| L5                              | <b>H522-006-5:2019</b><br>Pengurusan Kastam Import dan Eksport / <i>Import and Export Customs Management</i><br>(30-01-2019)                                  |  |
| L4                              | <b>H522-006-4:2019</b><br>Pentadbiran Kastam Import dan Eksport / <i>Import and Export Customs Administration</i><br>(30-01-2019)                             |  |
| L3                              | <b>H522-006-3:2019</b><br>Penyeliaan & Koordinasi Kastam Import dan Eksport / <i>Import and Export Customs Coordination &amp; Supervision</i><br>(30-01-2019) |  |
| L2                              | <b>H522-006-2:2019</b><br>Sokongan Koordinasi Kastam Import dan Eksport / <i>Import and Export Customs Coordination Support</i><br>(30-01-2019)               |  |
| <i>Level 1: No Job Title</i>    |   |  |
| Area                            | <i>Ship to Ship Bunkering</i>   | <i>Shore-based Terminal to Ship Bunkering</i>  |
| <i>Level 4,5: Not Available</i> |   |  |
| L3                              | <b>H522-009-3:2021</b><br>Penyeliaan Pembekalan Bahan Api Kapal Ke Kapal / <i>Ship to Ship Bunkering Supervision</i><br>(18-12-2012) (23-02-2021)             | <b>H522-008-3:2021</b><br>Operasi Pembekalan Bahan Api Terminal Darat ke Kapal / <i>Shore-based Terminal to Ship Bunkering Operations</i><br>(18-12-2012) (23-02-2021) |
| L2                              | <b>H522-009-2:2021</b><br>Perkhidmatan Pembekalan Bahan Api Kapal Ke Kapal / <i>Ship to Ship Bunkering Services</i><br>(18-12-2012) (23-02-2021)              | <i>Level 2: No Job Title</i>   |
| <i>Level 1: No Job Title</i>    |   | <i>Level 1: No Job Title</i>   |

| Area  | <b>Cargo Terminal Equipment – Dry Bulk</b>  |   |
|---|---|---|
|   | <i>Level 4,5: Not Available</i>   |   |
| <b>L3</b>   | <b>H522-010-3:2021</b><br>Operasi Kren Pukal Kering / <i>Dry Bulk Crane Operation</i><br>(23-02-2021)   |   |
| <b>L2</b>   | <b>H522-010-2:2021</b><br>Operasi Mesin Pukal Kering / <i>Dry Bulk Machinery Operation</i><br>(23-02-2021)  |   |
|   | <i>Level 1: No Job Title</i>  |   |
| Area  | <b>Container Terminal Equipment</b>   |   |
|   | <i>Level 4,5: Not Available</i>   |   |
| <b>L3</b>   | <b>H522-012-3:2021</b><br>Operasi Terminal Kontena Kren STS / <i>Ship to Ship to Shore (STS) Crane Container Terminal Operation</i><br>(30-12-2013) (24-06-2021)  |   |
| <b>L2</b>   | <b>H522-011-2:2021</b><br>Operasi Terminal Kontena Rubber Tyre Gantry / <i>Rubber Tyre Gantry (RTG) Container Terminal Operation</i><br>(30-12-2013) (24-06-2021)   | <b>H522-012-2:2021</b><br>Operasi Terminal Kontena Stacker / <i>Stacker Container Terminal Operation</i><br>(30-12-2013) (24-06-2021) |
| <b>L1</b>   | <b>H522-011-1:2021</b><br>Operasi Terminal Kontena Traktor Terminal / <i>Terminal Tractor (TT) Container Terminal Operation</i><br>(30-12-2013) (24-06-2021)  |   |
| Area  | <b>Container Vessel Planning (Terminal/ Central Terminal)</b>   |   |
| <b>L5</b>   | <b>H522-013-5:2021</b><br>Pengurusan Perancangan Kapal Kontena / <i>Container Vessel Planning Management</i><br>(29-10-2021)  |   |
| <b>L4</b>   | <b>H522-013-4:2021</b><br>Perancangan Kapal Kontena / <i>Container Vessel Planning</i><br>(29-10-2021)  |   |
| <b>L3</b>   | <i>(Progression in career or training for Container Vessel Planning Level 4 may occur diagonally from Level 3 in related areas under the same MSIC Group with reference to Occupational Structure in NOSS document)</i> |   |
|   | <i>Level 1,2: No Job Title</i>  |   |
| <b>BAHAGIAN/DIVISION: H53</b><br><i>POSTAL AND COURIER ACTIVITIES</i> |   | <b>KUMPULAN/GROUP: H532</b><br><i>COURIER ACTIVITIES</i>  |
| <i>(Please refer general training prerequisite in NOSS document)</i>  |   |   |
| Area  | <b>Servis Kurier/ Courier Services</b>  |   |
| <b>L5</b>   | <b>IL-011-5:2012</b><br>Pengurusan Operasi Perkhidmatan Kurier / <i>Courier Operation Management</i><br>(18-12-2012)  |   |
| <b>L4</b>   | <b>IL-011-4:2012</b><br>Pengurusan Operasi Perkhidmatan Kurier / <i>Courier Operation Management</i><br>(18-12-2012)  |   |
| <b>L3</b>   | <b>IL-011-3:2012</b><br>Operasi Perkhidmatan Kurier / <i>Courier Service Operation</i><br>(18-12-2012)  |   |
|   | <i>Level 1,2: No Job Title</i>  |   |

## 16. STANDARD DI BAWAH SEKSYEN EKONOMI MSIC I: PENGINAPAN DAN AKTIVITI PERKHIDMATAN MAKANAN DAN MINUMAN

| <b>SECTION I: ACCOMMODATION AND FOOD SERVICE ACTIVITIES</b> |   |  |
|---|---|--|
| <b>BAHAGIAN/<br/>DIVISION</b>                               | <b>KUMPULAN/<br/>GROUP</b>                  | <b>KETERANGAN/<br/>DESCRIPTION</b>                                   |
| <b>I55</b>  | <b>ACCOMMODATION</b>                        |  |
|   | <b>I551</b>                                 | <i>SHORT TERM ACCOMMODATION ACTIVITIES</i>                           |
|   | <b>I552</b>                                 | <i>CAMPING GROUNDS, RECREATIONAL VEHICLE PARKS AND TRAILER PARKS</i> |
|   | <b>I559</b>                                 | <i>OTHER ACCOMMODATION</i>   |
| <b>I56</b>  | <b>FOOD AND BEVERAGE SERVICE ACTIVITIES</b> |  |
|   | <b>I561</b>                                 | <i>RESTAURANTS AND MOBILE FOOD SERVICE ACTIVITIES</i>                |
|   | <b>I562</b>                                 | <i>EVENT CATERING AND OTHER FOOD SERVICE ACTIVITIES</i>              |
|   | <b>I563</b>                                 | <i>BEVERAGE SERVING ACTIVITIES</i>                                   |

| <b>BAHAGIAN/DIVISION: I55<br/>ACCOMMODATION</b>                      |  | <b>KUMPULAN/GROUP: I551<br/>SHORT TERM ACCOMMODATION ACTIVITIES</b> |                                  |                    |
|--|--|---|----------------------------------|--------------------|
| <i>(Please refer general training prerequisite in NOSS document)</i> |  |   |                                  |                    |
| <b>Area</b>  | <b>Tempahan / Reservation</b>  | <b>Perolehan / Revenue</b>  | <b>Pengedaran / Distribution</b> |                    |
| <b>L5</b>  | <b>I551-001-5:2018</b><br>Pengurusan Tempahan, Perolehan & Pengedaran / <i>Reservation, Revenue &amp; Distribution (RRD) Management</i><br>(06-02-2018)      |   |                                  |                    |
| <b>L4</b>  | <b>I551-001-4:2018</b><br>Pentadbiran Tempahan, Perolehan & Pengedaran / <i>Reservation, Revenue &amp; Distribution (RRD) Administration</i><br>(06-02-2018) |   |                                  |                    |
| <b>L3</b>  | <b>I551-001-3:2017</b><br>Operasi Tempahan Bilik / <i>Rooms Reservation Operation</i><br>(28-03-2017)  | <i>Level 3: No Job Title</i>  | <i>Level 3: No Job Title</i>     |                    |
|  | <i>Level 1,2: No Job Title</i>   |   |                                  |                    |
| <b>Area</b>  | <b>/ Guest Service</b>   | <b>/ Telephone Operator</b>   | <b>/ Front Desk / Reception</b>  | <b>/ Concierge</b> |
| <b>L5</b>  | <b>I551-002-5:2018</b><br>Pengurusan Kaunter Hadapan / <i>Front Office Management</i><br>(25-10-96) (18-12-2012) (06-02-2018)                                |   |                                  |                    |
| <b>L4</b>  | <b>I551-002-4:2018</b><br>Pentadbiran Kaunter Hadapan / <i>Front Office Administration</i><br>(25-10-96) (18-12-2012) (06-02-2018)                           |   |                                  |                    |
| <b>L3</b>  | <b>I551-002-3:2017</b><br>Operasi Kaunter Hadapan / <i>Front Office Operation</i><br>(25-10-96) (20-12-2011) (28-03-2017)                                    |   |                                  |                    |
|  | <i>Level 1,2: No Job Title</i>   |   |                                  |                    |
| <b>Area</b>  | <b>Pelancongan Agro / Agrotourism</b>  |   |                                  |                    |
|  | <i>Level 4,5: Not Available</i>  |   |                                  |                    |
| <b>L3</b>  | <b>AF-064-3:2013</b><br>Farmstay Operation<br>(29-07-2013)   |   |                                  |                    |
| <b>L2</b>  | <b>AF-064-2:2013</b><br>Farmstay Operation<br>(29-07-2013)   |   |                                  |                    |
|  | <i>Level 1: No Job Title</i>   |   |                                  |                    |

|  |  |  |
|--|--|--|
| <b>Area</b>  | <b>Inap Desa / Homestay</b>  |  |
|  | <i>Level 4,5: Not Available</i>  |  |
| <b>L3</b>  | <b>HT-040-3:2014</b><br>Penyeliaan & Koordinasi Homestay / <i>Homestay Coordination &amp; Supervision</i><br>(24-03-09) (16-12-2014)                                   |  |
| <b>L2</b>  | <b>HT-040-2:2014</b><br>Operasi Homestay / <i>Homestay Operation</i><br>(24-03-09) (16-12-2014)  |  |
| <b>L1</b>  | <i>Level 1: No Job Title</i>   |  |
| <b>Area</b>  | <b>Perhotelan-Pengemasan / Hotel Housekeeping</b>  |  |
| <b>L5</b>  | <b>HT-050-5:2011</b><br>Pengurusan Pengemasan / <i>Housekeeping Management</i><br>(19-07-96) (20-12-2011)  |  |
| <b>L4</b>  | <b>HT-050-4:2011</b><br>Pengurusan Pengemasan / <i>Housekeeping Management</i><br>(19-07-96) (20-12-2011)  | <b>HT-053-4:2013</b><br>Operasi Perkhidmatan Dobi / <i>Laundry Service Operation</i><br>(24-04-2013) |
| <b>L3</b>  | <b>I551-003-3:2018</b><br>Penyeliaan Operasi Pengemasan / <i>Housekeeping Operation Supervision</i><br>(28-11-95) (24-03-09) (18-12-2012) (08-10-2018)                 | <b>HT-053-3:2013</b><br>Operasi Perkhidmatan Dobi / <i>Laundry Service Operation</i><br>(24-04-2013) |
| <b>L2</b>  | <b>I551-003-2:2018</b><br>Operasi Pengemasan / <i>Housekeeping Operation</i><br>(28-11-95) (24-03-09) (18-12-2012) (08-10-2018)  | <i>Level 2: No Job Title</i>   |
|  | <i>Level 1: No Job Title</i>   | <i>Level 1: No Job Title</i>   |
| <b>BAHAGIAN/DIVISION: I56</b><br><i>FOOD AND BEVERAGE SERVICE ACTIVITIES</i> |  | <b>KUMPULAN/GROUP: I561</b><br><i>RESTAURANTS AND MOBILE FOOD SERVICE ACTIVITIES</i>                 |
| <i>(Please refer general training prerequisite in NOSS document)</i>         |  |  |
| <b>Area</b>  | <b>Operasi Dapur - Stewarding / Kitchens Operations - Stewarding</b>   |  |
| <b>L5</b>  | <b>I561-001-5:2019</b><br>Pengurusan <i>Stewarding / Stewarding Management</i><br>(30-01-2019)   |  |
| <b>L4</b>  | <b>I561-001-4:2019</b><br>Kawalan Operasi <i>Stewarding / Stewarding Operations Control</i><br>(30-01-2019)  |  |
| <b>L3</b>  | <b>I561-001-3:2017</b><br>Penyeliaan Operasi <i>Stewarding / Stewarding Operations Supervision</i><br>(28-03-2017)   |  |
| <b>L2</b>  | <b>I561-001-2:2017</b><br>Operasi <i>Stewarding / Stewarding Operations</i><br>(28-03-2017)  |  |
|  | <i>Level 1: No Job Title</i>   |  |
| <b>Area</b>  | <b>Makanan &amp; Minuman / Food &amp; Beverages</b>  |  |
| <b>L5</b>  | <b>HT-010-5:2012</b><br>Pengurusan Makanan & Minuman / <i>Food &amp; Beverage Management</i><br>(02-04-98) (25-10-10) (18-12-2012)                                     |  |
| <b>L4</b>  | <b>HT-010-4:2012</b><br>Pengurusan Bahagian Makanan & Minuman / <i>Food &amp; Beverage Outlet Management</i><br>(02-04-98) (25-10-10) (18-12-2012)                     |  |
| <b>L3</b>  | <b>I561-002-3:2018</b><br>Penyeliaan Operasi Makanan & Minuman / <i>Food &amp; Beverage Operation Supervision</i><br>(28-04-94) (08-01-2008) (18-12-2012) (08-10-2018) |  |
| <b>L2</b>  | <b>I561-002-2:2018</b><br>Operasi Servis Makanan & Minuman / <i>Food &amp; Beverage Service Operation</i><br>(28-04-94) (08-01-2008) (18-12-2012) (08-10-2018)         |  |
|  | <i>Level 1: No Job Title</i>   |  |

| <b>Area</b>  |  |   |                                    |
|--|--|---|------------------------------------|
| <b>Perkhidmatan Restoran India / Indian Restaurant Services</b>      |  |   |                                    |
| <i>Level 4,5: Not Available</i>                                      |  |   |                                    |
| <b>L3</b>  | <b>HT-030-3:2014</b><br>Penyediaan & Pengeluaran Makanan India / <i>Indian Food Preparation &amp; Production</i><br>(18-11-08) (16-12-2014)              |   |                                    |
| <i>Level 1,2: No Job Title</i>                                       |  |   |                                    |
| <b>Area</b>  |  |   |                                    |
| <b>Operasi Makanan Segera / Fast Food Operation</b>                  |  |   |                                    |
| <b>L5</b>  | <b>I561-004-5:2021</b><br>Pengurusan Restoran Perkhidmatan Segera / <i>Quick Service Restaurant Management</i><br>(29-10-2021)                           |   |                                    |
| <b>L4</b>  | <b>I561-004-4:2021</b><br>Pentadbiran Operasi Restoran Perkhidmatan Segera / <i>Quick Service Restaurant Operation Administration</i><br>(29-10-2021)    |   |                                    |
| <b>L3</b>  | <b>HT-031-3:2016</b><br>Penyeliaan dan Operasi Makanan Segera / <i>Fast Food Supervision and Operation</i><br>(04-02-2016)                               |   |                                    |
| <b>L2</b>  | <b>HT-031-2:2016</b><br>Penyediaan dan Perkhidmatan Makanan Segera / <i>Fast Food Preparation and Services</i><br>(04-02-2016)                           |   |                                    |
| <i>Level 1: No Job Title</i>   |  |   |                                    |
| <b>Area</b>  |  |   |                                    |
| <b>Japanese Cuisine</b>  |  |   |                                    |
| <i>Level 4,5: Not Available</i>                                      |  |   |                                    |
| <b>L3</b>  | <b>I561-003-3:2021</b><br>Penyeliaan Penyediaan Masakan Jepun / <i>Japanese Cuisine Preparation Supervision</i><br>(29-10-2021)                          |   |                                    |
| <b>L2</b>  | <b>I561-003-2:2021</b><br>Penyediaan Masakan Jepun / <i>Japanese Cuisine Preparation</i><br>(29-10-2021)   |   |                                    |
| <i>Level 1: No Job Title</i>   |  |   |                                    |
| <b>Area</b>  |  |   |                                    |
| <b>Culinary</b>  |  |   |                                    |
| <b>Area</b>  | <b>Butchery</b>  | <b>Hot Kitchen</b>  | <b>Cold Kitchen (Garde Manger)</b> |
| <b>L5</b>  | <i>Level 5: Not Available</i>  | <b>HT-012-5:2011</b><br>Perkhidmatan Penyediaan dan Pembuatan Makanan / <i>Food Preparation and Production Service</i><br>(02-04-98) (20-12-2011) |                                    |
| <b>L4</b>  | <i>Level 4: Not Available</i>  | <b>HT-012-4:2011</b><br>Perkhidmatan Penyediaan dan Pembuatan Makanan / <i>Food Preparation and Production Service</i><br>(02-04-98) (20-12-2011) |                                    |
| <b>L3</b>  | <b>I561-005-3:2022</b><br>Operasi Seni Kulineri / <i>Culinary Arts Operation</i><br>(19-12-94) (30-10-07) (18-12-2012) (12-09-2022)                      |   |                                    |
| <b>L2</b>  | <b>I561-005-2:2022</b><br>Penyediaan dan Penghasilan Makanan / <i>Food Preparation and Production</i><br>(19-12-94) (30-10-07) (18-12-2012) (12-09-2022) |   |                                    |
| <i>Level 1: No Job Title</i>   |  |   |                                    |
| <b>BAHAGIAN/DIVISION: I56</b>  |  | <b>KUMPULAN/GROUP: I563</b>   |                                    |
| <b>FOOD AND BEVERAGE SERVICE ACTIVITIES</b>                          |  | <b>BEVERAGE SERVING ACTIVITIES</b>  |                                    |
| <i>(Please refer general training prerequisite in NOSS document)</i> |  |   |                                    |
| <b>Area</b>  |  |   |                                    |
| <b>Perkhidmatan Bar Kopi / Coffee Bar Services</b>                   |  |   |                                    |
| <i>Level 4,5: Not Available</i>                                      |  |   |                                    |
| <b>L3</b>  | <b>I563-001-3:2018</b><br>Operasi Perkhidmatan Barista / <i>Barista Services Operation</i><br>(28-03-2017)   |   |                                    |
| <b>L2</b>  | <b>I563-001-2:2017</b><br>Perkhidmatan Barista / <i>Barista Services</i><br>(28-03-2017)   |   |                                    |
| <i>Level 1: No Job Title</i>   |  |   |                                    |

## 17. STANDARD DI BAWAH SEKSYEN EKONOMI MSIC J: MAKLUMAT DAN KOMUNIKASI

| <b>SECTION J: INFORMATION AND COMMUNICATION</b> |   |   |
|---|---|---|
| <b>BAHAGIAN/<br/>DIVISION</b>                   | <b>KUMPULAN/<br/>GROUP</b>  | <b>KETERANGAN/<br/>DESCRIPTION</b>                                      |
| <b>J58</b>                                      | <b>PUBLISHING ACTIVITIES</b>  |   |
|   | <b>J581</b>   | <i>PUBLISHING OF BOOKS, PERIODICALS AND OTHER PUBLISHING ACTIVITIES</i> |
|   | <b>J582</b>   | <i>SOFTWARE PUBLISHING</i>  |
| <b>J59</b>                                      | <b>MOTION PICTURE, VIDEO AND TELEVISION PROGRAMME PRODUCTION, SOUND RECORDING AND MUSIC PUBLISHING ACTIVITIES</b> |   |
|   | <b>J591</b>   | <i>MOTION PICTURE, VIDEO AND TELEVISION PROGRAMME ACTIVITIES</i>        |
|   | <b>J592</b>   | <i>SOUND RECORDING AND MUSIC PUBLISHING ACTIVITIES</i>                  |
| <b>J60</b>                                      | <b>PROGRAMMING AND BROADCASTING ACTIVITIES</b>  |   |
|   | <b>J601</b>   | <i>RADIO BROADCASTING</i>   |
|   | <b>J602</b>   | <i>TELEVISION PROGRAMMING AND BROADCASTING ACTIVITIES</i>               |
| <b>J61</b>                                      | <b>TELECOMMUNICATIONS</b>   |   |
|   | <b>J611</b>   | <i>WIRED TELECOMMUNICATIONS ACTIVITIES</i>                              |
|   | <b>J612</b>   | <i>WIRELESS TELECOMMUNICATIONS ACTIVITIES</i>                           |
|   | <b>J613</b>   | <i>SATELLITE TELECOMMUNICATIONS ACTIVITIES</i>                          |
|   | <b>J619</b>   | <i>OTHER TELECOMMUNICATIONS ACTIVITIES</i>                              |
| <b>J62</b>                                      | <b>COMPUTER PROGRAMMING, CONSULTANCY AND RELATED ACTIVITIES</b>   |   |
|   | <b>J620</b>   | <i>COMPUTER PROGRAMMING, CONSULTANCY AND RELATED ACTIVITIES</i>         |
| <b>J63</b>                                      | <b>INFORMATION SERVICE ACTIVITIES</b>   |   |
|   | <b>J631</b>   | <i>DATA PROCESSING, HOSTING AND RELATED ACTIVITIES</i>                  |
|   | <b>J639</b>   | <i>OTHER INFORMATION SERVICE ACTIVITIES</i>                             |

| <b>BAHAGIAN/DIVISION: J58<br/>PUBLISHING ACTIVITIES</b>              |  | <b>KUMPULAN/GROUP: J581<br/>PUBLISHING OF BOOKS, PERIODICALS AND OTHER<br/>PUBLISHING ACTIVITIES</b> |
|--|--|--|
| <i>(Please refer general training prerequisite in NOSS document)</i> |  |  |
| <b>Area</b>  | <b>Aktiviti Kewartawanan / Journalism Activities</b>   |  |
| <b>L5</b>  | <b>J581-001-5:2016</b><br>Kewartawanan / Journalism<br>(06-12-2016)  |  |
| <b>L4</b>  | <b>J581-001-4:2016</b><br>Kewartawanan / Journalism<br>(06-12-2016)  |  |
| <b>L3</b>  | <b>EE-141-3:2014</b><br>Kewartawanan / Journalism<br>(25-09-2014)  |  |
|  | <i>Level 1,2: No Job Title</i>   |  |
| <b>Area</b>  | <b>Penerbitan / Publishing</b>   |  |
| <b>L5</b>  | <b>PR-025-5:2015</b><br>Pengurusan Penerbitan / Publishing Management<br>(17-07-2012) (29-09-2015)         |  |
| <b>L4</b>  | <b>PR-025-4:2015</b><br>Pelaksanaan Penerbitan / Publishing Implementation<br>(17-07-2012) (29-09-2015)    |  |
| <b>L3</b>  | <b>PR-025-3:2014</b><br>Perkhidmatan Sokongan Penerbitan / Publishing Support<br>(17-07-2012) (25-09-2014) |  |
|  | <i>Level 1,2: No Job Title</i>   |  |



| <b>Area</b>  |   |   |   |   |
|--|---|---|---|---|
| <b>Penterjemahan Teks / Text Translation</b>                         |   |   |   |   |
| <b>L5</b>  | <b>PR-028-5:2016</b><br>Pengurusan dan Penterjemahan Teks Khusus / <i>Specific Text Translation and Management</i><br>(04-02-2016)        |   |   |   |
| <b>L4</b>  | <b>PR-028-4:2016</b><br>Penterjemahan Teks / <i>Text Translation</i><br>(04-02-2016)  |   |   |   |
| <i>Level 1,2,3: No Job Title</i>                                     |   |   |   |   |
| <b>Area</b>  |   |   |   |   |
| <b>Digital Media Illustration and Communication</b>                  |   |   |   |   |
| <i>Level 4,5: Not Available</i>                                      |   |   |   |   |
| <b>L3</b>  | <b>J581-002-3:2021</b><br>Ilustrasi Media Digital / <i>Digital Media Illustration</i><br>(29-10-2021)                                     |   |   |   |
| <b>L2</b>  | <b>J581-002-2:2021</b><br>Ilustrasi Digital / <i>Digital Illustration</i><br>(29-10-2021)   |   |   |   |
| <i>Level 1: No Job Title</i>   |   |   |   |   |
| <b>BAHAGIAN/DIVISION: J58</b><br><i>PUBLISHING ACTIVITIES</i>        |   |   | <b>KUMPULAN/GROUP: J582</b><br><i>SOFTWARE PUBLISHING</i>                                     |   |
| <i>(Please refer general training prerequisite in NOSS document)</i> |   |   |   |   |
| <b>Area</b>  |   |   |   |   |
| <b>Multimedia Kreatif / Creative Multimedia</b>                      |   |   |   |   |
|  | <b>2D Game Visual</b>   | <b>3D Game Visual</b>   | <b>Concept Design</b>   | <b>Arts Animation</b>   |
| <b>L5</b>  | <i>Level 5: Not Available</i>   | <b>IT-062-5:2016</b><br>Pembangunan dan Pengurusan Visual Permainan 3D / <i>3D Game Art Development and Management</i><br>(04-02-2016)  | <b>IT-053-5:2013</b><br>Rekabentuk Konsep / <i>Concept Design</i><br>(24-04-2013)             | <i>Level 5: Not Available</i>   |
| <b>L4</b>  | <i>Level 4: Not Available</i>   | <b>IT-062-4:2016</b><br>Pengeluaran dan Pembangunan Visual Permainan 3D / <i>3D Game Art Production And Development</i><br>(04-02-2016) | <b>IT-053-4:2013</b><br>Rekabentuk Konsep / <i>Concept Design</i><br>(24-04-2013)             | <i>Level 4: Not Available</i>   |
| <b>L3</b>  | <b>IT-061-3:2014</b><br>Seni Visual Permainan 2D / <i>2D Game Visual Art</i><br>(16-12-2014)  | <b>J582-002-3:2020</b><br>Penghasilan Aset Permainan 3D / <i>3D Game Asset Production</i><br>(16-12-2014) (13-11-2020)                  | <i>Level 3: No Job Title</i>  | <b>IT-065-3:2016</b><br>Seni Visual / <i>Visual Art</i><br>(04-02-2016) |
| <i>Level 1,2: No Job Title</i>                                       |   |   |   |   |
| <b>Area</b>  |   |   |   |   |
| <b>Multimedia Interaktif / Interactive Multimedia</b>                |   |   | <b>Digital Kreatif / Digital Creative</b>   |   |
| <b>L5</b>  | <b>IT-070-5:2011</b><br>Pembangunan Kandungan Kreatif / <i>Creative Content Development</i><br>(30-09-2000) (20-12-2011)                  |   | <b>IT-051-5:2012</b><br>Produksi Audio / <i>Audio Production</i><br>(30-09-2000) (05-04-2012) |   |
| <b>L4</b>  | <b>IT-070-4:2011</b><br>Pembangunan Kandungan Kreatif / <i>Creative Content Development</i><br>(30-09-2000) (20-12-2011)                  |   | <b>IT-051-4:2012</b><br>Produksi Audio / <i>Audio Production</i><br>(30-09-2000) (05-04-2012) |   |
| <b>L3</b>  | <b>J582-001-3:2019</b><br>Rekabentuk Multimedia Interaktif / <i>Interactive Multimedia Design</i><br>(30-09-2000) (18-11-08) (07-08-2019) |   | <b>IT-051-3:2011</b><br>Produksi Audio / <i>Audio Production</i><br>(30-09-2000) (20-12-2011) |   |
| <b>L2</b>  | <i>Level 2: No Job Title</i>  |   | <b>IT-051-2:2011</b><br>Produksi Audio / <i>Audio Production</i><br>(30-09-2000) (20-12-2011) |   |
| <b>L1</b>  | <i>Level 1: No Job Title</i>  |   | <i>Level 1: No Job Title</i>  |   |

| <b>Area</b>   | <b>/ Game Development - Game Design</b>  | <b>/ Game Development - Game Programming</b>  |
|---|--|---|
| <b>L5</b>   | <b>IT-067-5:2016</b><br>Game Design Management<br>(24-05-2016)   | <b>IT-068-5:2016</b><br>Advanced Game Programming<br>(24-05-2016)                           |
| <b>L4</b>   | <b>IT-067-4:2016</b><br>Game Design<br>(24-05-2016)  | <b>IT-068-4:2016</b><br>Game Programming<br>(24-05-2016)                                    |
| <i>Level 1,2,3: No Job Title</i>  |  |   |
| <b>BAHAGIAN/DIVISION: J59</b><br>MOTION PICTURE, VIDEO AND TELEVISION PROGRAMME<br>PRODUCTION, SOUND RECORDING AND MUSIC PUBLISHING<br>ACTIVITIES |  | <b>KUMPULAN/GROUP: J591</b><br>MOTION PICTURE, VIDEO AND TELEVISION<br>PROGRAMME ACTIVITIES |
| <i>(Please refer general training prerequisite in NOSS document)</i>  |  |   |
| <b>Area</b>   | <b>Pembinaan Set Filem / Film Set Construction</b>   | <b>Kostum Filem / Film Wardrobe</b>   |
| <b>L5</b>   | <b>AC-060-5:2016</b><br>Rekabentuk Seni Produksi Filem/TV / Film/TV Production Art Designing<br>(24-05-2016)               | <i>Level 5: Not Available</i>   |
| <b>L4</b>   | <b>AC-060-4:2016</b><br>Pengarahan Seni Produksi Filem/TV / Film/TV Production Art Direction<br>(24-05-2016)               | <i>Level 4: Not Available</i>   |
| <b>L3</b>   | <b>AC-060-3:2013</b><br>Penyeliaan Set Binaan / Set Construction Supervision<br>(30-12-2013)                               | <i>Level 3: Not Available</i>   |
| <b>L2</b>   | <b>AC-060-2:2013</b><br>Operasi Set Bangunan / Set Building Operation<br>(29-07-2013)                                      | <b>AC-063-2:2013</b><br>Perkhidmatan Kostum /<br>Wardrobe Services<br>(29-07-2013)          |
| <b>L1</b>   | <b>AC-060-1:2013</b><br>Operasi Pembinaan Set / Set Construction Operation<br>(29-07-2013)                                 | <i>Level 1: No Job Title</i>  |
| <b>Area</b>   | <b>Dandanan Rambut Filem &amp; TV Antarabangsa / Hairdressing For International Film &amp; TV</b>                          |   |
|   | <i>Level 4,5: Not Available</i>  |   |
| <b>L3</b>   | <b>AC-062-3:2013</b><br>Dandanan Rambut Filem & TV Antarabangsa / Hairdressing For International Film & TV<br>(29-07-2013) |   |
|   | <i>Level 1,2: No Job Title</i>   |   |
| <b>Area</b>   | <b>Grip</b>  | <b>Penatacahayaan / Lighting</b>  |
| <b>L5</b>   | <b>J591-001-5:2018</b><br>Sinematografer / Cinematographer<br>(06-02-2018)   |   |
| <b>L4</b>   | <b>J591-001-4:2018</b><br>Operasi Kamera / Camera Operation<br>(06-02-2018)  |   |
| <b>L3</b>   | <b>AC-064-3:2013</b><br>Operasi Dolly Grip Di Set / On Set Dolly Grip Operation<br>(30-12-2013)                            | <b>AC-065-3:2013</b><br>Pre Rig Lighting Supervision<br>(30-12-2013)                        |
| <b>L2</b>   | <b>AC-064-2:2013</b><br>Operasi Grip Di Set / On Set Grip Operation<br>(30-12-2013)  | <b>AC-065-2:2013</b><br>Pre Rig Lighting Operation<br>(30-12-2013)                          |
| <b>L1</b>   | <b>AC-064-1:2013</b><br>Operasi Grip Di Set / On Set Grip Operation<br>(30-12-2013)  | <b>AC-065-1:2013</b><br>Pre Rig Lighting Operation<br>(30-12-2013)                          |

| <b>Area</b> | <b>Perakaunan Pengeluaran Filem / Film Production Accounting</b>   |  |
|-------------|--|--|
|             | <i>Level 4,5: Not Available</i>  |  |
| <b>L3</b>   | <b>AC-066-3:2013</b><br>Perakaunan Pengeluaran Filem / Film Production Accounting<br>(30-12-2013)                        |  |
|             | <i>Level 1,2: No Job Title</i>   |  |
| <b>Area</b> | <b>Pengarahan / Directing</b>  |  |
| <b>L5</b>   | <b>AC-070-5:2014</b><br>Pengarahan Filem / Film Directing<br>(16-12-2014)  |  |
| <b>L4</b>   | <b>AC-070-4:2014</b><br>Koordinasi Pengarahan Filem / Film Directing Coordination<br>(16-12-2014)                        |  |
|             | <i>Level 1,2,3: No Job Title</i>   |  |
| <b>Area</b> | <b>Animasi 2D / 2D Animation</b>   |  |
| <b>L5</b>   | <b>IT-057-5:2014</b><br>Pengeluaran Kandungan Animasi 2D / 2D Animation Content Production<br>(02-04-2014)               |  |
| <b>L4</b>   | <b>IT-057-4:2014</b><br>Operasi Pengeluaran Animasi 2D / 2D Animation Production Operation<br>(02-04-2014)               |  |
| <b>L3</b>   | <b>J591-002-3:2019</b><br>Aplikasi Teknikal Animasi 2D / 2D Animation Technical Application<br>(02-04-2014) (07-08-2019) |  |
|             | <i>Level 1,2: No Job Title</i>   |  |
| <b>Area</b> | <b>Penyiaran - Pencahayaan / Broadcasting - Lighting</b>   | <b>Operasi Penghantaran Penyiaran / Broadcasting Transmission Operation</b>  |
| <b>L5</b>   | <b>EE-220-5:2013</b><br>Penataan Cahaya Filem & Televisyen / Film & Television Lighting<br>(23-06-2009) (30-12-2013)     | <b>EE-140-5:2013</b><br>Pengurusan Penghantaran Siaran / Broadcasting Transmission Management<br>(30-12-2013)                          |
| <b>L4</b>   | <b>EE-220-4:2013</b><br>Penataan Cahaya Filem & Televisyen / Film & Television Lighting<br>(23-06-2009) (30-12-2013)     | <b>EE-140-4:2013</b><br>Sistem Kawalan Penghantaran Siaran / Broadcasting Transmission System Control<br>(30-12-2013)                  |
| <b>L3</b>   | <b>EE-220-3:2013</b><br>Penataan Cahaya Filem & Televisyen / Film & Television Lighting<br>(23-06-2009) (30-12-2013)     | <b>EE-140-3:2012</b><br>Operasi & Penyelenggaraan Penghantaran Siaran / Broadcast Transmission Operation & Maintenance<br>(18-12-2012) |
|             | <i>Level 1,2: No Job Title</i>   |  |
| <b>Area</b> | <b>TV and Film Production</b>  |  |
| <b>L5</b>   | <b>J591-003-5:2023</b><br>Pengurusan Produksi TV dan Filem / TV and Film Production Management<br>(8-5-2023)             |  |
| <b>L4</b>   | <b>J591-003-4:2023</b><br>Operasi Produksi TV dan Filem / TV and Film Production Operation<br>(8-5-2023)                 |  |
|             | <i>Level 1,2,3: No Job Title</i>   |  |

| <b>BAHAGIAN/DIVISION: J59</b><br>MOTION PICTURE, VIDEO AND TELEVISION PROGRAMME<br>PRODUCTION, SOUND RECORDING AND MUSIC PUBLISHING<br>ACTIVITIES |  | <b>KUMPULAN/GROUP: J592</b><br>SOUND RECORDING AND MUSIC PUBLISHING<br>ACTIVITIES                              |   |
|---|--|--|---|
| <i>(Please refer general training prerequisite in NOSS document)</i>  |  |  |   |
| Area  | Multimedia Kreatif / Creative Multimedia   |  |   |
|   | Audio  | Video  |   |
| L5  | <b>IT-063-5:2014</b><br>Pengurusan Post Produksi Audio Visual (CGI) / Audio Visual Post Production (CGI)<br>(16-12-2014) |  |   |
| L4  | <b>IT-063-4:2014</b><br>Pengurusan Post Produksi Audio / Audio Post<br>Production Management<br>(16-12-2014)             | <b>IT-064-4:2014</b><br>Pengurusan Penyuntingan Video CGI / CGI Video<br>Editing Management<br>(16-12-2014)    |   |
| L3  | <b>IT-063-3:2014</b><br>Post Produksi Audio / Audio Post Production<br>(16-12-2014)                                      | <b>IT-064-3:2014</b><br>Penyuntingan Video CGI / CGI Video Editing<br>(16-12-2014)                             |   |
| <i>Level 1,2: No Job Title</i>  |  |  |   |
| Area  | Multimedia Kreatif / Creative Multimedia   |  |   |
|   | 3D Modelling - 3D Rigging  | 3D Animation   | 3D Lighting & Rendering   |
| L5  | <b>IT-054-5:2013</b><br>Pengurusan Animasi 3D / 3D<br>Animation Modeling & Rigging<br>Management<br>(24-04-2013)         | <b>IT-055-5:2013</b><br>Animasi 3D-Pengeluaran Kandungan<br>/ 3D Animation Content Production<br>(24-04-2013)  | <b>IT-056-5:2014</b><br>3D Lighting & Rendering<br>Production Operation<br>(02-04-2014) |
| L4  | <b>IT-054-4:2013</b><br>Animasi 3D / 3D Animation Modeling<br>& Rigging<br>(24-04-2013)                                  | <b>IT-055-4:2013</b><br>Animasi 3D- Operasi Pengeluaran /<br>3D Animation Production Operation<br>(24-04-2013) | <b>IT-056-4:2014</b><br>3D Lighting & Rendering<br>Production Operation<br>(02-04-2014) |
| L3  | <b>IT-055-3:2013</b><br>3D- Operasi Sokongan Pengeluaran / 3D Production Operation Support<br>(24-04-2013)               |  |   |
| <i>Level 1,2: No Job Title</i>  |  |  |   |
| Area  | Multimedia Kreatif / Creative Multimedia   |  |   |
|   | Rekabentuk Grafik / Graphic Design   | Visual Effects Compositing   | Animation & VFX Storyboarding   |
| L5  | <b>IT-058-5:2016</b><br>Rekabentuk Komunikasi (Digital) /<br>Communication Design (Digital)<br>(24-05-2016)              | <b>IT-059-5:2014</b><br>Visual Effects Compositing Management<br>(02-04-2014)                                  | <i>Level 5: Not Available</i>   |
| L4  | <b>IT-058-4:2016</b><br>Aplikasi Rekabentuk Grafik (Digital) / Graphic<br>Design Application (Digital)<br>(24-05-2016)   | <b>IT-059-4:2014</b><br>Visual Effects Compositing Production<br>(02-04-2014)                                  | <i>Level 4: Not Available</i>   |
| L3  | <b>IT-058-3:2014</b><br>Rekabentuk Grafik (Digital) / Graphic Design<br>(Digital)<br>(02-04-2014)                        | <b>IT-059-3:2014</b><br>Rotoscoping<br>(02-04-2014)  | <b>IT-066-3:2016</b><br>CGI Storyboarding<br>(24-05-2016)                               |
| <i>Level 1,2: No Job Title</i>  |  |  |   |

| <b>Area</b>  | <b>Penerbitan Multimedia - Produksi Video/Filem (Prop) / Multimedia Production - Digital Creative - Production</b>                  | <b>Penerbitan Multimedia - Produksi Video/Filem (Penggambaran) / Multimedia Production - Video / Film Production (Shooting)</b>           |
|--|---|---|
| <b>L5</b>  | <i>Level 5: Not Available</i>   | <b>IT-071-5:2011</b><br>Video/ Produksi Filem (Penggambaran)<br><i>Video / Film Production (Shooting)</i><br>(20-12-2011)                 |
| <b>L4</b>  | <i>Level 4: Not Available</i>   | <b>IT-071-4:2011</b><br>Video/ Produksi Filem (Penggambaran)<br><i>Video / Film Production (Shooting)</i><br>(20-12-2011)                 |
| <b>L3</b>  | <b>IT-074-3:2012</b><br>Video/Filem (Prop)<br><i>Video / Film(Prop)</i><br>(18-12-2012)   | <b>IT-071-3:2011</b><br>Video/ Produksi Filem (Penggambaran)<br><i>Video / Film Production (Shooting)</i><br>(30-09-2000) (20-12-2011)    |
| <b>L2</b>  | <i>Level 2: No Job Title</i>  | <b>IT-071-2:2011</b><br>Video/ Produksi Filem (Penggambaran)<br><i>Video / Film Production (Shooting)</i><br>(30-09-2000)<br>(20-12-2011) |
| <b>L1</b>  | <i>Level 1: No Job Title</i>  | <i>Level 1: No Job Title</i>  |
| <b>Area</b>  | <b>Penerbitan Multimedia - Pasca Penerbitan - Penyuntingan Visual / Digital Creative-Video/Film- Post Production-Visual Editing</b> | <b>Penerbitan Multimedia - Pasca Penerbitan-Kesan Visual / Digital Creative-Video/Film-Post Production-Visual Effect</b>                  |
| <b>L5</b>  | <b>IT-072-5:2012</b><br>Video/Filem (Penyuntingan) / <i>Video/Film (Editing)</i><br>(18-12-2012)                                    | <b>IT-073-5:2012</b><br>Produksi Video/Filem (Kesan Visual) / <i>Video/Film Production (Visual Effect)</i><br>(18-12-2012)                |
| <b>L4</b>  | <b>IT-072-4:2012</b><br>Video/Filem (Penyuntingan) / <i>Video/Film (Editing)</i><br>(18-12-2012)                                    | <b>IT-073-4:2012</b><br>Produksi Video/Filem (Kesan Visual) / <i>Video/Film Production (Visual Effect)</i><br>(18-12-2012)                |
| <b>L3</b>  | <b>IT-072-3:2012</b><br>Video/Filem (Penyuntingan) / <i>Video/Film (Editing)</i><br>(18-12-2012)                                    | <b>IT-073-3:2012</b><br>Reka Bentuk Konsep Video/Filem (Kesan Visual) / <i>Video/Film Concept Design (Visual Effect)</i><br>(18-12-2012)  |
| <i>Level 1,2: No Job Title</i>                                       |   |   |
| <b>BAHAGIAN/DIVISION: J61</b><br><i>TELECOMMUNICATIONS</i>           |   | <b>KUMPULAN/GROUP: J611</b><br><i>WIRED TELECOMMUNICATIONS ACTIVITIES</i>   |
| <i>(Please refer general training prerequisite in NOSS document)</i> |   |   |
| <b>Area</b>  | <b>Perhubungan Elektronik / Electronic Communication</b>  | <b>Sistem Kabel Berstruktur / Structured Cabling System (Passive)</b>   |
| <i>Level 4,5: Not Available</i>                                      |   |   |
| <b>L3</b>  | <b>D-030-3</b><br>Personel Perhubungan (Elektronik) / <i>Communication Personnel (Electronic)</i><br>(04-04-97)                     | <b>D-500-3</b><br>Juruteknik Sistem Perkabelan Berstruktur / <i>Structured Cabling System Technician</i><br>(25-04-05)                    |
| <b>L2</b>  | <b>D-030-2</b><br>Operator Perhubungan (Elektronik) / <i>Communication Operator (Electronic)</i><br>(04-04-97)                      | <b>D-500-2</b><br>Pemasang Sistem Perkabelan Berstruktur / <i>Structured Cabling System Installer</i><br>(25-04-05)                       |
| <b>L1</b>  | <b>D-030-1</b><br>Operator Perhubungan (Elektronik) / <i>Communication Operator (Electronic)</i><br>(04-04-97)                      | <i>Level 1: No Job Title</i>  |

| Area   | / Packet Switch Core Network   | / Circuit Switch Networking   | Telefon Bimbit / Cellular Phone   |
|--|--|---|---|
| L5   | <b>EE-037-5:2012</b><br>Packet Switch Core Network Architecture<br>(18-12-2012)  | <i>Level 5: Not Available</i>   |   |
| L4   | <b>EE-037-4:2012</b><br>Packet Switch Core Network Engineering<br>(18-12-2012)   | <i>Level 4: Not Available</i>   |   |
| L3   | <b>EE-037-3:2012</b><br>Packet Switch Core Network Implementation & Development (NID)<br>(18-12-2012)  | <b>EE-038-3</b><br>Juruteknik Kanan Pengsuisan Litar /<br>Circuit Switch Senior Technician<br>(18-12-2012)  | <b>EE-039-3:2012</b><br>Pembaikpulihan Telefon Bimbit<br>/ Advanced Cellular Phone Repair<br>(18-12-2012) |
| L2   | <i>Level 2: No Job Title</i>   | <b>EE-038-2</b><br>Juruteknik Pengsuisan Litar /<br>Circuit Switch Technician<br>(18-12-2012)   | <b>EE-039-2:2012</b><br>Pembaikpulihan Telefon Bimbit<br>/ Cellular Phone Repair<br>(18-12-2012)          |
| L1   | <i>Level 1: No Job Title</i>   |   |   |
| <b>Area</b>  | <b>Rangkaian Perhubungan Pelanggan - Wired Transmission Infrastructure</b>   |   |   |
| L5   | <b>EE-321-5:2012</b><br>Pengurusan Infrastruktur Penghantaran / <i>Wired Transmission Infrastructure Management</i><br>(08-07-99) (05-04-2012)                               |   |   |
| L4   | <b>EE-321-4:2012</b><br>Pengurusan Infrastruktur Penghantaran / <i>Wired Transmission Infrastructure Management</i><br>(08-07-99) (05-04-2012)                               |   |   |
| L3   | <b>EE-321-3:2012</b><br>Pemasangan & Penyelenggaraan Infrastruktur Penghantaran / <i>Transmission Infrastructure Installation and Maintenance</i><br>(24-09-98) (05-04-2012) |   |   |
|  | <i>Level 1,2: No Job Title</i>   |   |   |
| <b>BAHAGIAN/DIVISION: J61</b><br><b>TELECOMMUNICATIONS</b>           |  | <b>KUMPULAN/GROUP: J612</b><br><b>WIRELESS TELECOMMUNICATIONS ACTIVITIES</b>  |   |
| <i>(Please refer general training prerequisite in NOSS document)</i> |  |   |   |
| <b>Area</b>  | <b>Pengsuisan 3G / 3G Switching</b>  | <b>Frekuensi Radio / Radio Frequency (RF)</b>   |   |
|  | <i>Level 4,5: Not Available</i>  |   |   |
| L3   | <b>EE-032-3</b><br>Juruteknik Kanan (Pengsuisan 3G) / <i>Senior Technician (3G Switching)</i><br>(01-10-09)  | <b>EE-040-3:2013</b><br>Pemasangan & Penyelenggaraan Radio Tanpa Wayar /<br><i>Wireless Land/Mobile Radio Installation and Maintenance</i><br>(18-11-08) (30-12-2013) |   |
| L2   | <b>EE-032-2</b><br>Juruteknik (Pengsuisan 3G) / <i>Technician (3G Switching)</i><br>(01-10-09)   | <i>Level 2: No Job Title</i>  |   |
|  | <i>Level 1: No Job Title</i>   |   |   |

| <b>Area</b>  | <b>Teknologi Telekomunikasi - Rangkaian Akses Radio / Telecommunication Technology - Radio Access Network</b>   | <b>Teknologi Rangkaian Frekuensi Radio / Radio Frequency Network</b>  | <b>Rangkaian Penghantaran / Transmission Network</b>  |
|--|---|---|---|
| <b>L5</b>  | <b>EE-033-5</b><br>Eksekutif Teknikal Rangkaian Akses Radio / <i>Radio Access Network Technical Executive</i> (01-10-09)  | <i>Level 5: Not Available</i>   |   |
| <b>L4</b>  | <b>EE-033-4</b><br>Pembantu Eksekutif Teknikal Rangkaian Akses Radio / <i>Radio Access Network Assistant Technical Executive</i> (01-10-09)   | <i>Level 4: Not Available</i>   |   |
| <b>L3</b>  | <b>EE-033-3</b><br>Juruteknik Kanan Rangkaian Akses Radio / <i>Radio Access Network Senior Technician</i> (01-10-09)  | <b>EE-036-3</b><br>Juruteknik Kanan Rangkaian Frekuensi Radio / <i>Radio Frequency Network Senior Technician</i> (18-11-11) | <b>EE-035-3</b><br>Juruteknik Kanan Rangkaian Penghantaran Optik / <i>Optical Transmission Network Senior Technician</i> (18-11-11) |
| <b>L2</b>  | <b>EE-033-2</b><br>Juruteknik Rangkaian Akses Radio / <i>Radio Access Network Technician</i> (01-10-09)   | <b>EE-036-2</b><br>Juruteknik Rangkaian Frekuensi Radio / <i>Radio Frequency Network Technician</i> (18-11-11)              | <b>EE-035-2</b><br>Juruteknik Rangkaian Penghantaran Optik / <i>Optical Transmission Network Technician</i> (18-11-11)              |
| <b>L1</b>  | <i>Level 1: No Job Title</i>  | <b>EE-034-1</b><br>Juruteknik Rendah Telekomunikasi Mobil / <i>Mobile Telecommunication Junior Technician</i> (18-11-11)    |   |
| <b>BAHAGIAN/DIVISION: J61 TELECOMMUNICATIONS</b>                     |   | <b>KUMPULAN/GROUP: J619 OTHER TELECOMMUNICATIONS ACTIVITIES</b>   |   |
| <i>(Please refer general training prerequisite in NOSS document)</i> |   |   |   |
| <b>Area</b>  | <b>Operasi Pengsuisan/ Switching Operation</b>  | <b>Perkhidmatan Tanpa Wayar/Wireless Services</b>   |   |
| <b>L5</b>  | <b>D-217-5</b><br>Jurutera Telekomunikasi – Operasi Pengsuisan / <i>Telecommunication Engineer – Switching Operation</i> (07-10-99) (11-04-2002)  | <i>Level 5: Not Available</i>   |   |
| <b>L4</b>  | <b>D-217-4</b><br>Penolong Jurutera Telekomunikasi – Operasi Pengsuisan / <i>Telecommunication Assistant Engineer – Switching Operation</i> (07-10-99) (11-04-2002)                                       | <i>Level 4: Not Available</i>   |   |
| <b>L3</b>  | <b>J619-001-3:2016</b><br>Penyelenggaraan Kemudahan Telekomunikasi / <i>Telecommunications Facilities Maintenance</i> (06-12-2016) (10-08-2006) (11-04-2002) (07-10-99)<br><i>Level 1,2: No Job Title</i> |   |   |
| <b>Area</b>  | <b>Perkhidmatan Telekomunikasi - Telecommunication Services</b>   |   |   |
| <b>L5</b>  | <b>OT-011-5</b><br>Pengurus Operasi Telekomunikasi -Logistik / <i>Telecommunication Operational Manager- Logistic</i> (26-03-2009)  |   |   |
| <b>L4</b>  | <b>OT-011-4</b><br>Penolong Pengurus Operasi Telekomunikasi -Logistik / <i>Assistant Telecommunication Operational Manager- Logistic</i> (26-03-2009)<br><i>Level 1,2,3: No Job Title</i>                 |   |   |

| Area  | <b>Telecommunications System and Network Security</b>  |  |
|---|--|--|
| L5  | <b>J619-002-5:2021</b><br>Pengurusan Operasi Teknikal Keselamatan Sistem dan Rangkaian Telekomunikasi / <i>Telecommunications System and Network Security Technical Operation Management</i><br>(29-10-2021)         |  |
| L4  | <b>J619-002-4:2021</b><br>Operasi Teknikal Keselamatan Sistem dan Rangkaian Telekomunikasi / <i>Telecommunications System and Network Security Technical Operation</i><br>(29-10-2021)                               |  |
| L3  | <i>(Refer general training prerequisite in NOSS document)</i>  |  |
|   | <i>Level 1,2: No Job Title</i>   |  |
| Area  | <b>Radar / Radar</b>   | <b>/ Internal Protocol (IP) Technology</b>   |
| L5  | <i>Level 5: Not Available</i>  | <b>EE-041-5:2013</b><br>Perancangan & Penyelenggaraan Protokol Internet / <i>Internal Protocol (IP) Network Elements Planning &amp; Advanced Troubleshooting</i><br>(30-12-2013)                   |
| L4  | <i>Level 4: Not Available</i>  | <b>EE-041-4:2013</b><br>Pengujian & Penyelenggaraan Protokol Internet / <i>Internal Protocol (IP) Network Elements Testing &amp; Troubleshooting</i><br>(30-12-2013)                               |
| L3  | <b>EE-200-3:2013</b><br>Pemasangan & Penyelenggaraan Radar / <i>Radar Installation &amp; Maintenance</i><br>(04-04-97) (25-10-10) (30-12-2013)   | <b>EE-041-3:2013</b><br>Pemasangan, Konfigurasi & Penyelenggaraan Protokol Internet / <i>Internal Protocol (IP) Network Elements Installation, Configuration &amp; Maintenance</i><br>(30-12-2013) |
|   | <i>Level 1,2: No Job Title</i>   |  |
| <b>BAHAGIAN/DIVISION: J62</b><br>COMPUTER PROGRAMMING, CONSULTANCY AND RELATED ACTIVITIES |  | <b>KUMPULAN/GROUP: J620</b><br>COMPUTER PROGRAMMING, CONSULTANCY AND RELATED ACTIVITIES  |
| <i>(Please refer general training prerequisite in NOSS document)</i>                      |  |  |
| Area  | <b>Bioteknologi / Biotechnology</b>  |  |
|   | <i>Level 4,5: Not Available</i>  |  |
| L3  | <b>BT-010-3</b><br>Pengaturcara Bioinformatik / <i>Bioinformatics Programmer</i><br>(18-11-08)   |  |
| L2  | <b>BT-010-2</b><br>Pembantu Pengaturcara Bioinformatik / <i>Bioinformatics Assistant Programmer</i><br>(18-11-08)  |  |
| L1  | <i>Level 1: No Job Title</i>   |  |
| Area  | <b>Keselamatan Siber / Cyber Security</b>  |  |
| L5  | <b>J620-001-5:2019</b><br>Ujian Dan Penilaian Penembusan Keselamatan Siber / <i>Cyber Security Penetration Testing &amp; Assessment</i><br>(30-01-2019)  |  |
| L4  | <i>Progression in career or training for Cyber Security Penetration Testing &amp; Assessment Level 5 may occur from Level 4 in related areas with reference to the Occupational Area Structure in NOSS document.</i> |  |
|   | <i>Level 1,2,3: No Job Title</i>   |  |



|             |   |   |   |
|-------------|---|---|---|
| <b>Area</b> | <b>Website Development / Mobile Application Development</b>   |   |   |
| <b>L5</b>   | <b>J620-002-5:2020</b><br>Pembangunan Perisian <i>Full Stack / Full Stack Software Development</i><br>(13-11-2020)  |   |   |
| <b>L4</b>   | <b>J620-002-4:2020</b><br>Pembangunan Perisian <i>Front-End / Front-End Software Development</i><br>(13-11-2020)  |   |   |
| <b>L3</b>   | <i>Progression in career or training for Front-End Software Development Level 4 may occur from Level 3 in related areas with reference to the Occupational Area Structure in NOSS document.</i>                     |   |   |
|             | <i>Level 1,2: No Job Title</i>  |   |   |
| <b>Area</b> | <b>Digital Forensics</b>  |   |   |
|             | <i>Level 4,5: Not Available</i>   |   |   |
| <b>L3</b>   | <b>J620-003-3:2021</b><br>Operasi Tindakbalas Awal Forensik Digital / <i>Digital Forensics First Response Operations</i><br>(23-02-2021)  |   |   |
|             | <i>Level 1,2: No Job Title</i>  |   |   |
| <b>Area</b> | <b>User Interface (UI) and User Experience (UX)</b>   |   |   |
|             | <i>Level 4,5: Not Available</i>   |   |   |
| <b>L3</b>   | <b>J620-004-3:2021</b><br>Rekabentuk Visual Web dan Aplikasi Mudah Alih (User Interface Dan User Experience) / <i>Web and Mobile Application Visual Design (User Interface and User Experience)</i><br>(23-02-2021) |   |   |
|             | <i>Level 1,2: No Job Title</i>  |   |   |
| <b>Area</b> | <b>Sistem Komputer / Computer System</b>  | <b>Keselamatan Sistem ICT / ICT System Security</b>   | <b>Rangkaian Komputer / Computer Network</b>  |
| <b>L5</b>   | <b>IT-020-5:2013</b><br>Pengurusan Sistem Komputer / <i>Computer Systems Management</i><br>(30-09-97) (30-09-2000)<br>(18-11-2008) (24-04-2013)   | <b>IT-090-5</b><br>Juruteknologi Keselamatan Sistem ICT / <i>ICT System Security Technologist</i><br>(23-06-2009)   | <b>IT-030-5:2013</b><br>Pengurusan Rangkaian Komputer / <i>Computer Network Management</i><br>(23-12-97) (30-09-2000)<br>(24-04-2013) |
| <b>L4</b>   | <b>IT-020-4:2013</b><br>Pentadbiran Sistem Komputer / <i>Computer Systems Administration</i><br>(30-09-97) (30-09-2000) (18-11-2008) (24-04-2013)   | <b>IT-030-4:2013</b><br>Pentadbiran Rangkaian Komputer / <i>Computer Network Administration</i><br>(23-12-97) (30-09-2000) (24-04-2013)                     |   |
| <b>L3</b>   | <b>IT-020-3:2013</b><br>Operasi Sistem Komputer / <i>Computer System Operation</i><br>(30-09-97) (30-09-2000) (18-11-2008) (24-04-2013)   | <b>J619-003-3:2023</b><br>Perkhidmatan Rangkaian Komputer / <i>Computer Network Services</i><br>(30-09-97)(30-09-2000) (18-11-08)(24-04-2013)<br>(8-5-2023) |   |
|             | <i>Level 1,2: No Job Title</i>  |   |   |
| <b>Area</b> | <b>Infrastruktur Sokongan / Infrastructure Support</b>  |   |   |
| <b>L5</b>   | <b>IT-035-5:2014</b><br>Pembangunan Infrastruktur IT / <i>IT Infrastructure Development</i><br>(16-12-2014)   |   |   |
| <b>L4</b>   | <b>IT-035-4:2014</b><br>Sokongan & Penyelenggaraan IT / <i>IT Support &amp; Maintenance</i><br>(16-12-2014)   |   |   |
|             | <i>Level 1,2,3: No Job Title</i>  |   |   |

| <i>Area</i>  | <b>Pembangunan Sistem Aplikasi /<br/>Application Systems Development</b>  | <b>Pembangunan Sistem Aplikasi -<br/>Pengaturcaraan Multimedia /<br/>Application Systems Development -<br/>Multimedia Programming</b> | <b>Pembangunan Sistem<br/>Aplikasi -Pengaturcaraan<br/>Database / Application<br/>Systems Development -<br/>Database Programming</b> |
|--|---|---|--|
| <b>L5</b>  | <b>IT-010-5:2013</b><br><i>Application Systems Implementation<br/>&amp; Integration</i><br>(06-07-2000) (24-04-2013)                      | <b>IT-120-5:2011</b><br><i>Pengaturcaraan Multimedia /<br/>Multimedia Programming</i><br>(20-12-2011)                                 | <b>IT-121-5:2011</b><br><i>Pengaturcaraan Database /<br/>Database Programming</i><br>(20-12-2011)                                    |
| <b>L4</b>  | <b>IT-010-4:2013</b><br><i>Pembangunan Modul Sistem /<br/>Systems Module Development</i><br>(06-07-2000) (24-04-2013)                     | <b>IT-120-4:2011</b><br><i>Pengaturcaraan Multimedia /<br/>Multimedia Programming</i><br>(20-12-2011)                                 | <b>IT-121-4:2011</b><br><i>Pengaturcaraan Database /<br/>Database Programming</i><br>(20-12-2011)                                    |
| <b>L3</b>  | <b>IT-010-3:2016</b><br><i>Pembangunan Aplikasi / Application Development</i><br>(06-07-2000) (18-11-2008) (24-05-2016)                   |   |  |
| <i>Level 1,2: No Job Title</i>   |   |   |  |
| <i>Area</i>  | <b>Pengaturcaraan Server / Server Programming</b>   |   |  |
| <b>L5</b>  | <b>IT-122-5:2011</b><br><i>Pembangunan dan Pengurusan Aplikasi Server / Server Application Development and Management</i><br>(20-12-2011) |   |  |
| <b>L4</b>  | <b>IT-122-4:2011</b><br><i>Pembangunan dan Pengurusan Aplikasi Server / Server Application Development and Management</i><br>(20-12-2011) |   |  |
| <b>L3</b>  | <b>IT-010-3:2016</b><br><i>Pembangunan Aplikasi / Application Development</i><br>(06-07-2000) (18-11-2008) (24-05-2016)                   |   |  |
| <i>Level 1,2: No Job Title</i>   |   |   |  |
| <b>BAHAGIAN/DIVISION: J63</b><br><i>INFORMATION SERVICE ACTIVITIES</i> |   | <b>KUMPULAN/GROUP: J631</b><br><i>DATA PROCESSING, HOSTING AND RELATED ACTIVITIES</i>   |  |
| <i>(Please refer general training prerequisite in NOSS document)</i>   |   |   |  |
| <i>Area</i>  | <b>Sistem Maklumat Geografi / Geographical Information System (GIS)</b>   |   |  |
| <b>L5</b>  | <b>IT-081-5</b><br><i>Pengurus Geospasial / Geospasial Manager</i><br>(10-12-10)  |   |  |
| <b>L4</b>  | <b>IT-081-4</b><br><i>Eksekutif Geospasial / Geospasial Executive</i><br>(10-12-10)   |   |  |
| <b>L3</b>  | <b>IT-081-3</b><br><i>Juruteknik Geospasial / Geospasial Technician</i><br>(10-12-10)   |   |  |
| <i>Level 1,2: No Job Title</i>   |   |   |  |
| <i>Area</i>  | <b>Pemprosesan Data / Data Processing</b>   |   |  |
| <b>L5</b>  | <b>IT-082-5:2016</b><br><i>Analisis &amp; Pengurusan Perlombongan Data / Data Mining Management &amp; Analysis</i><br>(24-05-2016)        |   |  |
| <b>L4</b>  | <b>IT-082-4:2016</b><br><i>Perlombongan Data / Data Mining Operation</i><br>(24-05-2016)  |   |  |
| <b>L3</b>  | <b>IT-082-3:2016</b><br><i>Pengumpulan Data / Data Collection</i><br>(24-05-2016)   |   |  |
| <i>Level 1,2: No Job Title</i>   |   |   |  |

| BAHAGIAN/DIVISION: J63<br>INFORMATION SERVICE ACTIVITIES             |  | KUMPULAN/GROUP: J639<br>OTHER INFORMATION SERVICE ACTIVITIES                                      |  |
|--|--|---|--|
| <i>(Please refer general training prerequisite in NOSS document)</i> |  |   |  |
| Area   | Pusat Interaksi / Contact Centre   |   |  |
|  | Inbound  | Outbound  | Support  |
| <i>Level 4,5: Not Available</i>                                      |  |   |  |
| L3   | <b>IT-100-3:2013</b><br><i>Inbound Customer Engagement Lead</i><br>(10-12-10) (31-12-2013)       | <b>IT-101-3:2013</b><br><i>Outbound Customer Engagement Lead</i><br>(10-12-10) (31-12-2013)       | <b>IT-102-3:2013</b><br><i>Support Customer Engagement Lead</i><br>(10-12-10) (31-12-2013)       |
| L2   | <b>IT-100-2:2013</b><br><i>Inbound Customer Engagement Operations</i><br>(10-12-10) (31-12-2013) | <b>IT-101-2:2013</b><br><i>Outbound Customer Engagement Operations</i><br>(10-12-10) (31-12-2013) | <b>IT-102-2:2013</b><br><i>Support Customer Engagement Operations</i><br>(10-12-10) (31-12-2013) |
| <i>Level 1: No Job Title</i>   |  |   |  |

**18. STANDARD DI BAWAH SEKSYEN EKONOMI MSIC K: AKTIVITI KEWANGAN DAN INSURANS/TAKAFUL**

| <b>SECTION K: FINANCIAL AND INSURANCE/TAKAFUL ACTIVITIES</b> |  |   |
|--|--|---|
| <b>BAHAGIAN/<br/>DIVISION</b>                                | <b>KUMPULAN/<br/>GROUP</b>   | <b>KETERANGAN/<br/>DESCRIPTION</b>  |
| <b>K64</b>   | <b>FINANCIAL SERVICE ACTIVITIES, EXCEPT INSURANCE/TAKAFUL AND PENSION FUNDING</b>                      |   |
|  | <b>K641</b>  | <i>MONETARY INTERMEDIATION</i>  |
|  | <b>K642</b>  | <i>ACTIVITIES OF HOLDING COMPANIES</i>  |
|  | <b>K643</b>  | <i>TRUSTS, FUNDS AND SIMILAR FINANCIAL ENTITIES</i>   |
|  | <b>K649</b>  | <i>OTHER FINANCIAL SERVICE ACTIVITIES, EXCEPT INSURANCE/TAKAFUL AND PENSION FUNDING ACTIVITIES</i>        |
| <b>K65</b>   | <b>INSURANCE/TAKAFUL, REINSURANCE/RETAKAFUL AND PENSION FUNDING, EXCEPT COMPULSORY SOCIAL SECURITY</b> |   |
|  | <b>K651</b>  | <i>INSURANCE/TAKAFUL</i>  |
|  | <b>K652</b>  | <i>REINSURANCE/RETAKAFUL</i>  |
|  | <b>K653</b>  | <i>PESION FUNDING</i>   |
| <b>K66</b>   | <b>ACTIVITIES AUXILIARY TO FINANCIAL SERVICE AND INSURANCE/TAKAFUL ACTIVITIES</b>                      |   |
|  | <b>K661</b>  | <i>ACTIVITIES AUXILIARY TO FINANCIAL SERVICE ACTIVITIES, EXCEPT INSURANCE/TAKAFUL AND PENDING FUNDING</i> |
|  | <b>K662</b>  | <i>ACTIVITIES AUXILIARY TO INSURANCE /TAKAFUL AND PENDING FUNDING</i>                                     |
|  | <b>K663</b>  | <i>FUND MANAGEMENT ACTIVITIES</i>   |

| <b>BAHAGIAN/DIVISION: K64<br/>FINANCIAL SERVICE ACTIVITIES, EXCEPT<br/>INSURANCE/TAKAFUL AND PENSION FUNDING</b> |  | <b>KUMPULAN/GROUP: K641<br/>MONETARY INTERMEDIATION</b>  |
|--|--|--|
| <b>Area</b>  | <b>Pentadbiran Pembiayaan &amp; Operasi/Financing &amp; Operation Administration</b>   |  |
|  | <i>Level 4,5: Not Available</i>  |  |
| <b>L3</b>  | <b>K641-001-3:2016</b><br>Pentadbiran Pembiayaan / Financing Administration<br>(06-12-2016) (08-01-2008)                         |  |
|  | <i>Level 1,2: No Job Title</i>   |  |
| <b>Area</b>  | <b>/ Regulatory Compliance In Banking (Commercial, Islamic &amp; Development Banks)</b>  | <b>/ Banking Risk Management</b>   |
|  | <i>Level 4,5: Not Available</i>  |  |
| <b>L3</b>  | <b>K641-002-3:2018</b><br>Pelaksanaan Pematuhan Perbankan (Dalam) /<br>Banking Compliance Performance (In-House)<br>(06-02-2018) | <b>K641-003-3:2018</b><br>Pelaksanaan Pengurusan Risiko Bank (Dalam) /<br>Banking Risk Management Execution (In-House)<br>(06-02-2018) |
|  | <i>Level 1,2: No Job Title</i>   |  |
| <b>BAHAGIAN/DIVISION: K64<br/>FINANCIAL SERVICE ACTIVITIES, EXCEPT<br/>INSURANCE/TAKAFUL AND PENSION FUNDING</b> |  | <b>KUMPULAN/GROUP: K642<br/>ACTIVITIES OF HOLDING COMPANIES</b>  |
| <b>Area</b>  | <b>Koperasi/Cooperative</b>  |  |
| <b>L5</b>  | <b>K642-001-5:2016</b><br>Pengurusan Koperasi / Cooperative Management<br>(06-12-2016)   |  |
| <b>L4</b>  | <i>(Refer NOSS document for general training prerequisite)</i>   |  |
|  | <i>Level 1,2,3: No Job Title</i>   |  |

| BAHAGIAN/DIVISION: K65<br>INSURANCE/TAKAFUL, REINSURANCE/RETAKAFUL AND<br>PENSION FUNDING, EXCEPT COMPULSORY SOCIAL<br>SECURITY |  | KUMPULAN/GROUP: K651<br>INSURANCE/TAKAFUL   |  |  |
|---|--|---|--|--|
| Area  | Perkhidmatan Insurans /<br>Insurance Services -<br>Family Takaful  | Perkhidmatan<br>Insurans /<br>Insurance Services -<br>Underwriting Services   | Perkhidmatan<br>Insurans /<br>Insurance Services -<br>Claims   | Perkhidmatan Tuntutan /<br>Claims Services   |
| L5  | <b>FB-026-5:2014</b><br>Family Takaful and Life<br>Insurance Underwriting &<br>Operations Management<br>(02-04-2014)                           | <b>FB-028-5:2014</b><br>General Takaful and<br>Insurance Underwriting<br>Management<br>(16-12-2014)                           | <b>FB-029-5:2016</b><br>General Takaful and<br>General Claims<br>Administration<br>(06-02-2016)  | <b>K651-001-5:2017</b><br>Pengurusan Tuntutan Insurans<br>Takaful/Nyawa Keluarga /<br>Family Takaful/Life Insurance<br>Claims Management<br>(28-03-2017)         |
| L4  | <b>FB-026-4:2014</b><br>Family Takaful and Life<br>Insurance Underwriting<br>(02-04-2014)  | <b>FB-028-4:2014</b><br>General Takaful and<br>Insurance Underwriting<br>(16-12-2014)   | <b>FB-029-4:2016</b><br>General Takaful and<br>General Claims<br>Administration<br>(06-02-2016)  | <b>K651-001-4:2017</b><br>Pentadbiran Tuntutan<br>Insurans Takaful/Nyawa<br>Keluarga / Family Takaful/Life<br>Insurance Claims<br>Administration<br>(28-03-2017) |
| L3  | <b>FB-026-3:2012</b><br>Pentadbiran Perkhidmatan Insurans / Insurance Services Administration<br>(10-08-2006) (18-12-2012)                     |   |  |  |
|   | <i>Level 1,2: No Job Title</i>   |   |  |  |
| BAHAGIAN/DIVISION: K66<br>ACTIVITIES AUXILIARY TO FINANCIAL SERVICE AND<br>INSURANCE/TAKAFUL ACTIVITIES                         |  | KUMPULAN/GROUP: K661<br>ACTIVITIES AUXILIARY TO FINANCIAL SERVICE ACTIVITIES,<br>EXCEPT INSURANCE/TAKAFUL AND PENDING FUNDING |  |  |
| Area  | Perniagaan Perkhidmatan Wang/ Money Services Business  |   |  |  |
| L5  | <b>K661-001-5:2017</b><br>Pengurusan Perniagaan Perkhidmatan Wang / Money Services Business Management<br>(13-06-2017)                         |   |  |  |
| L4  | <b>K661-001-4:2017</b><br>Pentadbiran Perniagaan Perkhidmatan Wang /<br>Money Services Business Administration<br>(13-06-2017)                 |   | <b>K661-002-4:2016</b><br>Pentadbiran Pematuhan Perniagaan Perkhidmatan<br>Wang / Money Services Business Compliance<br>Administration<br>(06-12-2016)<br><br>*Penukaran kod terdahulu – K662-001-4:2016 |  |
| L3  | <b>K661-001-3:2017</b><br>Operasi Baris Hadapan Perniagaan Perkhidmatan<br>Wang / Money Services Business Front Line Operation<br>(13-06-2017) |   | <i>Level 3: No Job Title</i>   |  |
|   | <i>Level 1,2: No Job Title</i>   |   |  |  |
| Area  | Perancangan Kewangan / Financial Planning  |   |  |  |
| L5  | <b>FB-016-5:2013</b><br>Perancangan Kewangan / Financial Planning<br>(29-07-2013)  |   |  |  |
| L4  | <b>FB-016-4:2013</b><br>Perancangan Kewangan / Financial Planning<br>(29-07-2013)  |   |  |  |
| L3  | <b>FB-016-3:2012</b><br>Perancangan Kewangan / Financial Planning<br>(17-07-2012)  |   |  |  |
|   | <i>Level 1,2: No Job Title</i>   |   |  |  |

| <b>Area</b> | <b><i>/ Retail Banking Branch Operation &amp; Services, Sales &amp; Marketing, Wealth Advisory</i></b>  |
|-------------|---|
| <b>L5</b>   | <p align="center"><b>K661-003-5:2018</b><br/>                     Pengurusan Cawangan Perbankan Runcit / <i>Retail Banking Branch Services Management</i><br/>                     (29-07-2013) (06-02-2018)</p>                                  |
| <b>L4</b>   | <p align="center"><b>K661-003-4:2018</b><br/>                     Pentadbiran Cawangan Perbankan Runcit / <i>Retail Banking Branch Services Administration</i><br/>                     (29-07-2013) (06-02-2018)</p>                             |
| <b>L3</b>   | <p align="center"><b>K661-003-3:2018</b><br/>                     Operasi Perkhidmatan Cawangan Perbankan Runcit / <i>Retail Banking Branch Services Operation</i><br/>                     (08-01-2008) (24-03-09) (29-07-2013) (06-02-2018)</p> |
|             | <p align="center"><i>Level 1,2: No Job Title</i></p>  |
|             |   |

## 19. STANDARD DI BAWAH SEKSYEN EKONOMI MSIC L: AKTIVITI HARTANAH

| <b>SECTION L: REAL ESTATE ACTIVITIES</b> |                               |   |
|--|-------------------------------|---|
| <b>BAHAGIAN/<br/>DIVISION</b>            | <b>KUMPULAN/<br/>GROUP</b>    | <b>KETERANGAN/<br/>DESCRIPTION</b>                        |
| <b>L68</b>                               | <b>REAL ESTATE ACTIVITIES</b> |   |
|  | <b>L681</b>                   | <i>REAL ESTATE ACTIVITIES WITH OWN OR LEASED PROPERTY</i> |
|  | <b>L682</b>                   | <i>REAL ESTATE ACTIVITIES ON A FEE OR CONTROL BASIS</i>   |

| <b>BAHAGIAN/DIVISION: L86<br/>REAL ESTATE ACTIVITIES</b>             |   | <b>KUMPULAN/GROUP: L862<br/>REAL ESTATE ACTIVITIES ON A FEE OR CONTROL BASIS</b> |
|--|---|--|
| <i>(Please refer general training prerequisite in NOSS document)</i> |   |  |
| <b>Area</b>  | <b>Perancangan Kewangan / Financial Planning</b>  |  |
| <b>L5</b>  | <i>Level 5: Not Available</i>   |  |
| <b>L4</b>  | <b>FB-052-4:2013</b><br>Pengurusan Penilaian Hartanah / <i>Real Estate (Valuation) Management</i><br>(30-12-2013)                         |  |
| <b>L3</b>  | <b>FB-052-3:2013</b><br>Pentadbiran Penilaian Hartanah-Teknikal / <i>Real Estate (Valuation) Administration-Technical</i><br>(30-12-2013) |  |
| <b>L2</b>  | <b>FB-052-2:2013</b><br>Pentadbiran Penilaian Hartanah / <i>Real Estate (Valuation) Administration</i><br>(30-12-2013)                    |  |
|  | <i>Level 1: No Job Title</i>  |  |

## 20. STANDARD DI BAWAH SEKSYEN EKONOMI MSIC M: AKTIVITI PROFESIONAL, SAINTIFIK DAN TEKNIKAL

| <b>SECTION M: PROFESSIONAL, SCIENTIFIC AND TECHNICAL ACTIVITIES</b> |   |  |
|---|---|--|
| <b>BAHAGIAN/<br/>DIVISION</b>                                       | <b>KUMPULAN<br/>/ GROUP</b>   | <b>KETERANGAN/<br/>DESCRIPTION</b>   |
| <b>M69</b>  | <b>LEGAL AND ACCOUNTING ACTIVITIES</b>  |  |
|   | <b>M691</b>   | LEGAL ACTIVITIES   |
|   | <b>M692</b>   | ACCOUNTING, BOOKKEEPING AND AUDITING ACTIVITIES; TAX CONSULTANCY           |
| <b>M70</b>  | <b>ACTIVITIES OF HEAD OFFICES; MANAGEMENT CONSULTANCY ACTIVITIES</b>            |  |
|   | <b>M701</b>   | ACTIVITIES OF HEAD OFFICES   |
|   | <b>M702</b>   | MANAGEMENT CONSULTANCY ACTIVITIES  |
| <b>M71</b>  | <b>ARCHITECTURAL AND ENGINEERING ACTIVITIES; TECHNICAL TESTING AND ANALYSIS</b> |  |
|   | <b>M711</b>   | ARCHITECTURAL AND ENGINEERING ACTIVITIES AND RELATED TECHNICAL CONSULTANCY |
|   | <b>M712</b>   | TECHNICAL TESTING AND ANALYSIS   |
| <b>M72</b>  | <b>SCIENTIFIC RESEARCH AND DEVELOPMENT</b>                                      |  |
|   | <b>M721</b>   | RESEARCH AND EXPERIMENTAL DEVELOPMENT ON NATURAL SCIENCES AND ENGINEERING  |
|   | <b>M722</b>   | RESEARCH AND EXPERIMENTAL DEVELOPMENT ON SOCIAL SCIENCES AND HUMANITIES    |
| <b>M73</b>  | <b>ADVERTISING AND MARKET RESEARCH</b>  |  |
|   | <b>M731</b>   | ADVERTISING  |
|   | <b>M732</b>   | MARKET RESEARCH PUBLIC OPINION POLLING                                     |
| <b>M74</b>  | <b>OTHER PROFESSIONAL, SCIENTIFIC AND TECHNICAL ACTIVITIES</b>                  |  |
|   | <b>M741</b>   | SPECIALIZED DESIGN ACTIVITIES  |
|   | <b>M742</b>   | PHOTOGRAPHIC ACTIVITIES  |
|   | <b>M749</b>   | OTHER PROFESSIONAL, SCIENTIFIC AND TECHNICAL ACTIVITIES n.e.c              |
| <b>M75</b>  | <b>VETERINARY ACTIVITIES</b>  |  |
|   | <b>M750</b>   | VETERINARY ACTIVITIES  |

| <b>BAHAGIAN/DIVISION: M69<br/>LEGAL AND ACCOUNTING ACTIVITIES</b>    |  | <b>KUMPULAN/GROUP: M692<br/>ACCOUNTING, BOOKKEEPING AND AUDITING ACTIVITIES;<br/>TAX CONSULTANCY</b> |
|--|--|--|
| <i>(Please refer general training prerequisite in NOSS document)</i> |  |  |
| <b>Area</b>  | <b>Audit Luaran / External Audit</b>   | <b>Audit Dalaman / Internal Audit</b>  |
|  | <i>Level 4,5: Not Available</i>  |  |
| <b>L3</b>  | <b>FB-010-3</b><br>Pembantu Audit / Audit Assistant<br>(08-01-2008)                      | <b>FB-050-3</b><br>Pembantu Audit Dalaman / Internal Audit Assistant<br>(01-10-09)                   |
| <b>L2</b>  | <b>FB-010-2</b><br>Kerani Audit / Audit Clerk<br>(08-01-2008)                            | <i>Level 2: No Job Title</i>   |
|  | <i>Level 1: No Job Title</i>   | <i>Level 1: No Job Title</i>   |
| <b>Area</b>  | <b>Percukaian / Taxation</b>   | <b>Perakaunan / Accounting</b>   |
| <b>L5</b>  | <b>FB-080-5</b><br>Eksekutif Percukaian / Tax Executive<br>(18-11-11)                    | <b>FB-100-5:2012</b><br>Perakaunan / Accounting<br>(18-12-2012)                                      |
| <b>L4</b>  | <b>FB-080-4</b><br>Penolong Eksekutif Percukaian / Assistant Tax Executive<br>(18-11-11) | <b>FB-100-4:2012</b><br>Perakaunan / Accounting<br>(18-12-2012)                                      |
| <b>L3</b>  | <b>FB-080-3</b><br>Pembantu Percukaian / Tax Assistant<br>(18-11-11)                     | <b>FB-100-3:2012</b><br>Perakaunan / Accounting<br>(06-03-2007) (18-12-2012)                         |
|  | <i>Level 1,2: No Job Title</i>   |  |



| BAHAGIAN/DIVISION: M70<br>ACTIVITIES OF HEAD OFFICES; MANAGEMENT CONSULTANCY<br>ACTIVITIES |   | KUMPULAN/GROUP: M701<br>ACTIVITIES OF HEAD OFFICES   |   |
|--|---|--|---|
| <i>(Please refer general training prerequisite in NOSS document)</i>                       |   |  |   |
| Area   | Pengurusan Korporat / <i>Corporate Management</i>   | Pentadbiran SME / <i>SME Administration</i>  |   |
| L5   | <b>FB-001-5:2012</b><br>Kepimpinan Korporat / <i>Corporate Leadership</i><br>(30-05-2002) (18-12-2012)                                      | <b>FB-053-5:2014</b><br>Pengurusan Pentadbiran SME / <i>SME Administration Management</i><br>(25-09-2014)                                      |   |
| L4   | <i>Level 4: No Job Title</i>  | <b>FB-053-4:2014</b><br>Sokongan Pengurusan Pentadbiran SME / <i>SME Administration Management Assistance</i><br>(25-09-2014)                  |   |
| L3   | <i>Level 3: No Job Title</i>  | <b>FB-053-3:2014</b><br>Perkhidmatan Sokongan Pentadbiran SME / <i>SME Administration Support Services</i><br>(25-09-2014)                     |   |
|  | <i>Level 1,2: No Job Title</i>  | <i>Level 1,2: No Job Title</i>   |   |
| Area   | Pengurusan Sumber Manusia / <i>Human Resources Management</i>   |  |   |
|  | Kakitangan / <i>Staffing</i>  | Pampasan & Imbuhan / <i>Compensation &amp; Benefits</i>  | Majikan / <i>Employer Relation</i>  |
| L5   | <b>FB-071-5:2013</b><br>Pengurusan Pengstafan / <i>Staffing Management</i><br>(25-10-10) (24-04-2013)                                       | <b>FB-074-5:2013</b><br>Pengurusan Faedah dan Pampasan Sumber Manusia / <i>Compensation and Benefits Management</i><br>(25-10-10) (24-04-2013) | <b>FB-073-5:2012</b><br>Pengurusan Perhubungan Pekerja-Majikan / <i>Employee-Employer Relation Management</i><br>(05-04-2012) |
| L4   | <b>FB-071-4:2013</b><br>Pengurusan Pengstafan / <i>Staffing Management</i><br>(25-10-10) (24-04-2013)                                       | <b>FB-074-4:2012</b><br>Pengurusan Faedah dan Pampasan Sumber Manusia / <i>Compensation and Benefits Management</i><br>(25-10-10) (05-04-2012) | <b>FB-073-4:2012</b><br>Pengurusan Perhubungan Pekerja-Majikan / <i>Employee-Employer Relation Management</i><br>(05-04-2012) |
| L3   | <b>FB-070-3:2013</b><br>Perkhidmatan Sokongan Sumber Manusia / <i>Human Resource Support Services</i><br>(25-10-10) (24-04-2013)            |  |   |
| L2   | <b>FB-070-2:2013</b><br>Perkhidmatan Sokongan Sumber Manusia / <i>Human Resource Support Services</i><br>(25-10-10) (24-04-2013)            |  |   |
|  | <i>Level 1: No Job Title</i>  |  |   |
| Area   | Pengurusan Sumber Manusia - Hubungan Pekerja-Majikan / <i>Human Resources Management - Employee-Employer Relation</i>                       |  |   |
| L5   | <b>FB-075-5:2012</b><br>Pengurusan Pembangunan Sumber Manusia / <i>Human Capital Development Management</i><br>(05-04-2012)                 |  |   |
| L4   | <b>FB-075-4:2012</b><br>Pengurusan Pembangunan Sumber Manusia / <i>Human Capital Development Management</i><br>(05-04-2012)                 |  |   |
| L3   | <b>FB-075-3:2012</b><br>Perkhidmatan Sokongan Pembangunan Sumber Manusia / <i>Human Capital Development Support Service</i><br>(05-04-2012) |  |   |
| L2   | <b>FB-075-2:2012</b><br>Perkhidmatan Sokongan Pembangunan Sumber Manusia / <i>Human Capital Development Support Service</i><br>(05-04-2012) |  |   |
| L1   | <i>Tiada Tahap / No Level</i>   |  |   |

| <b>Area</b>   |  |   |  |   |
|---|--|---|--|---|
| <b>Perundingan Sumber Manusia / Human Resources Consultancy</b> |  |   |  |   |
| <b>L5</b>   | <b>FB-076-5:2013</b><br>Pengurusan Pejabat-Perundingan Sumber Manusia / <i>HR Consulting Office Management</i><br>(24-04-2013)   |   |  |   |
| <b>L4</b>   | <b>FB-076-4:2013</b><br>Pengurusan Pejabat-Perundingan Sumber Manusia / <i>HR Consulting Office Management</i><br>(24-04-2013)   |   |  |   |
| <b>L3</b>   | <b>FB-076-3:2013</b><br>Perkhidmatan Sokongan Perundingan Sumber Manusia / <i>HR Consulting Support Services</i><br>(24-04-2013) |   |  |   |
| <i>Level 1,2: No Job Title</i>                                  |  |   |  |   |
| <b>Area</b>   |  |   |  |   |
|   | <i>/ Process Flow</i>  | <i>/ Pull Production</i>  | <i>/ Takt Production</i>   | <i>/ Jidoka</i>   |
| <b>L5</b>   | <b>TP-327-5:2014</b><br><i>Lean Production System (LPS) Operation Management</i><br>(02-04-2014)                                 |   |  |   |
| <b>L4</b>   | <b>TP-327-4:2014</b><br><i>Lean Production System (LPS) Jit Management</i><br>(02-04-2014)                                       |   |  | <b>TP-328-4:2014</b><br><i>Lean Production System (LPS) Jidoka Management</i><br>(02-04-2014) |
| <b>L3</b>   | <b>TP-327-3:2014</b><br><i>Lean Production System (LPS) Process Operation</i><br>(02-04-2014)                                    | <b>TP-322-3:2012</b><br><i>Pull Production Operation</i><br>(23-10-2012)        | <b>TP-329-3:2014</b><br><i>LPS Takt Production Operation</i><br>(16-12-2014) | <b>TP-328-3:2014</b><br><i>Lean Production System (LPS) Jidoka Operation</i><br>(02-04-2014)  |
| <b>L2</b>   | <i>Level 2: No Job Title</i>   | <b>TP-322-2:2012</b><br><i>Pull Production Operation</i><br>(23-10-2012)        | <i>Level 2: No Job Title</i>   |   |
| <b>L1</b>   | <i>Level 1: No Job Title</i>   | <b>TP-322-1:2012</b><br><i>Lean Production System Operation</i><br>(23-10-2012) | <i>Level 1: No Job Title</i>   |   |
| <b>Area</b>   |  |   |  |   |
| <b>Pengurusan Kompleks / Complex Management</b>                 |  |   |  |   |
| <b>L5</b>   | <b>M701-001-5:2019</b><br>Pengurusan Pusat Beli-Belah / <i>Shopping Mall Management</i><br>(07-08-2019)                          |   |  |   |
| <b>L4</b>   | <b>M701-001-4:2019</b><br>Pentadbiran Pemasaran Pusat Beli-Belah / <i>Mall Marketing Administration</i><br>(07-08-2019)          |   |  |   |
| <b>L3</b>   | <b>M701-001-3:2019</b><br>Khidmat Sokongan Pemasaran Pusat Beli-Belah / <i>Mall Marketing Support Services</i><br>(07-08-2019)   |   |  |   |
| <b>L2</b>   | <b>M701-001-2:2019</b><br>Khidmat Sokongan Pemasaran Pusat Beli-Belah / <i>Mall Marketing Support Services</i><br>(07-08-2019)   |   |  |   |
| <b>L1</b>   | <i>Level 1: No Job Title</i>   |   |  |   |

| <b>BAHAGIAN/DIVISION: M70</b><br><i>ACTIVITIES OF HEAD OFFICES; MANAGEMENT CONSULTANCY ACTIVITIES</i>            |   | <b>KUMPULAN/GROUP: M702</b><br><i>MANAGEMENT CONSULTANCY ACTIVITIES</i>  |  |
|--|---|--|--|
| <i>(Please refer general training prerequisite in NOSS document)</i>   |   |  |  |
| <b>Area</b>  | <b>Perhubungan Awam / Public Relation</b>   |  |  |
| <b>L5</b>  | <b>FB-051-5:2014</b><br>Pengurusan Perhubungan Awam / <i>Public Relations Management</i><br>(25-09-2014)  |  |  |
| <b>L4</b>  | <b>FB-051-4:2014</b><br>Pentadbiran Perhubungan Awam / <i>Public Relations Administration</i><br>(25-09-2014)                                   |  |  |
| <b>L3</b>  | <b>FB-051-3:2014</b><br>Perkhidmatan Sokongan Perhubungan Awam / <i>Public Relations Support Services</i><br>(25-09-2014)                       |  |  |
|  | <i>Level 1,2: No Job Title</i>  |  |  |
| <b>Area</b>  | <b>Perundingan Sumber Manusia / Human Resources Consultancy</b>   |  |  |
| <b>L5</b>  | <b>FB-077-5:2013</b><br>Perundingan Sumber Manusia / <i>Human Resource Consulting</i><br>(24-04-2013)   |  |  |
|  | <i>Level 3,4: Not Available</i>   |  |  |
|  | <i>Level 1,2: No Job Title</i>  |  |  |
| <b>Area</b>  | <b>Pengalaman Pelanggan / Customer Experience</b>   |  |  |
| <b>L5</b>  | <b>M702-001-5:2019</b><br>Pengurusan Pengalaman Pelanggan / <i>Customer Experience Management</i><br>(30-01-2019)                               |  |  |
| <b>L4</b>  | <b>M702-001-4:2019</b><br>Pentadbiran Pengalaman Pelanggan / <i>Customer Experience Administration</i><br>(30-01-2019)                          |  |  |
| <b>L3</b>  | <b>M702-001-3:2019</b><br>Penyeliaan Operasi Pengalaman Pelanggan / <i>Customer Experience Operation Supervision</i><br>(30-01-2019)            |  |  |
| <b>L2</b>  | <b>M702-001-2:2019</b><br>Khidmat Sokongan Operasi Pengalaman Pelanggan / <i>Customer Experience Operation Support Services</i><br>(30-01-2019) |  |  |
| <b>L1</b>  | <i>Level 1: No Job Title</i>  |  |  |
| <b>BAHAGIAN/DIVISION: M71</b><br><i>ARCHITECTURAL AND ENGINEERING ACTIVITIES; TECHNICAL TESTING AND ANALYSIS</i> |   | <b>KUMPULAN/GROUP: M711</b><br><i>ARCHITECTURAL AND ENGINEERING ACTIVITIES AND RELATED TECHNICAL CONSULTANCY</i> |  |
| <i>(Please refer general training prerequisite in NOSS document)</i>   |   |  |  |
| <b>Area</b>  | <b>Senibina / Architectural</b>   |  |  |
| <b>L5</b>  | <b>BC-050-5:2013</b><br>Pengurusan Teknikal Senibina / <i>Architectural Technical Management</i><br>(10-12-10) (30-12-2013)                     |  |  |
| <b>L4</b>  | <b>BC-050-4:2013</b><br>Pentadbiran Teknikal Senibina / <i>Architectural Technical Administration</i><br>(10-12-10) (30-12-2013)                |  |  |
| <b>L3</b>  | <b>BC-050-3:2013</b><br>Lukisan Pelan Senibina / <i>Architectural Draughting</i><br>(10-04-95) (10-12-10) (30-12-2013)                          |  |  |
|  | <i>Level 1,2: No Job Title</i>  |  |  |

|             |   |
|-------------|---|
| <b>Area</b> | <b>Ukur Tanah / Land Survey</b>   |
| <b>L5</b>   | <b>BC-060-5:2013</b><br><i>Geomatics &amp; Land Surveying Management</i><br>(25-04-2006) (30-12-2013)                                       |
| <b>L4</b>   | <b>BC-060-4:2013</b><br><i>Geomatics &amp; Land Surveying</i><br>(25-04-2006) (30-12-2013)  |
| <b>L3</b>   | <b>BC-060-3:2013</b><br><i>Geomatics &amp; Land Surveying</i><br>(22-04-99) (25-04-2006) (30-12-2013)                                       |
|             | <i>Level 1,2: No Job Title</i>  |
| <b>Area</b> | <b>Analisis Kimia / Chemical Analysis</b>   |
| <b>L5</b>   | <b>M711-001-5:2016</b><br><i>Pengurusan Makmal Kimia / Chemical Laboratory Management</i><br>(06-12-2016)                                   |
| <b>L4</b>   | <b>M711-001-4:2016</b><br><i>Pengawalseliaan Makmal Kimia / Chemical Laboratory Supervision</i><br>(06-12-2016)                             |
| <b>L3</b>   | <b>CM-070-3:2014</b><br><i>Operasi Makmal Kimia / Chemical Laboratory Operation</i><br>(25-09-2014)   |
| <b>L2</b>   | <b>CM-070-2:2014</b><br><i>Operasi Makmal Kimia / Chemical Laboratory Operation</i><br>(25-09-2014)   |
|             | <i>Level 1: No Job Title</i>  |
| <b>Area</b> | <b>Audit Tenaga / Energy Audit</b>  |
| <b>L5</b>   | <b>M711-005-5:2019</b><br><i>Pengurusan Audit Tenaga / Energy Audit Management</i><br>(05-04-2012) (07-08-2019)                             |
| <b>L4</b>   | <b>M711-005-4:2019</b><br><i>Pengukuran dan Analisa Audit Tenaga / Energy Audit Measurement &amp; Analysis</i><br>(05-04-2012) (07-08-2019) |
| <b>L3</b>   | <b>M711-005-3:2019</b><br><i>Operasi Audit Tenaga / Energy Audit Operations</i><br>(05-04-2012) (07-08-2019)                                |
|             | <i>Level 1,2: No Job Title</i>  |
| <b>Area</b> | <b>Industri Bangunan Hijau - Pembinaan Bangunan / Green Building Industry - Building Construction</b>                                       |
| <b>L5</b>   | <b>LE-040-5:2012</b><br><i>Perundingan &amp; Pengurusan Bangunan Hijau / Green Building Consultation and Management</i><br>(05-04-2012)     |
|             | <i>Level 1,2,3,4: No Job Title</i>  |
| <b>Area</b> | <b>Pelukis Pelan Mekanikal / Mechanical Draughting</b>  |
| <b>L5</b>   | <b>MC-080-5:2013</b><br><i>Pengurusan Servis Pelukisan Pelan Mekanikal / Mechanical Draughting Services Management</i><br>(30-12-2013)      |
| <b>L4</b>   | <b>MC-080-4:2013</b><br><i>Pentadbiran Servis Pelukisan Pelan Mekanikal / Mechanical Draughting Services Administration</i><br>(30-12-2013) |
| <b>L3</b>   | <b>MC-080-3:2013</b><br><i>Pelukisan Pelan Mekanikal / Mechanical Draughtsmanship</i><br>(19-12-94) (12-12-95) (25-10-10) (30-12-2013)      |
|             | <i>Level 1,2: No Job Title</i>  |

| Area   | <b>Lukisan Pelan Kejuruteraan Awam dan Struktur / Civil And Structural Engineering Draughtsmanship</b>  |
|--|---|
|  | <i>Level 4,5: Not Available</i>   |
| <b>L3</b>  | <b>M711-002-3:2017</b><br>Penyeliaan dan Lukisan Pelan Awam dan Struktur / <i>Civil and Structural Draughtsmanship and Supervision</i><br>(19-12-94) (13-06-2017) |
| <b>L2</b>  | <b>M711-002-2:2017</b><br>Lukisan Pelan Awam dan Struktur / <i>Civil and Structural Draughtsmanship</i><br>(19-12-94) (13-06-2017)                                |
|  | <i>Level 1: No Job Title</i>  |
| Area   | <b>Pengaturcaraan Robot / Robotic Programming</b>   |
| <b>L5</b>  | <b>M711-003-5:2019</b><br>Pengaturcaraan Sistem Integrasi Robot / <i>Robotic Integrated System Programming</i><br>(30-01-2019)                                    |
| <b>L4</b>  | <b>M711-003-4:2019</b><br>Pengaturcaraan Sistem Robot / <i>Robotic System Programming</i><br>(30-01-2019)   |
| <b>L3</b>  | <i>(Refer NOSS document for general training prerequisite)</i>  |
|  | <i>Level 1,2: No Job Title</i>  |
| Area   | <b>Integrasi Rekabentuk Sistem Robot / Integrated Robotic System Design</b>   |
| <b>L5</b>  | <b>M711-004-5:2019</b><br>Integrasi Rekabentuk Dan Pengurusan Sistem Robot / <i>Integrated Robotic System Design And Management</i><br>(30-01-2019)               |
| <b>L4</b>  | <b>M711-004-4:2019</b><br>Operasi Integrasi Rekabentuk Sistem Robot / <i>Integrated Robotic System Design Operation</i><br>(30-01-2019)                           |
| <b>L3</b>  | <i>(Refer NOSS document for general training prerequisite)</i>  |
|  | <i>Level 1,2: No Job Title</i>  |
| Area   | <b>Cartography</b>  |
|  | <i>Level 4,5: Not Available</i>   |
| <b>L3</b>  | <b>M711-006-3:2021</b><br>Operasi Kartografi / <i>Cartography Operation</i><br>(29-10-2021)   |
|  | <i>Level 1,2: No Job Title</i>  |
| <b>BAHAGIAN/DIVISION: M71</b><br><i>ARCHITECTURAL AND ENGINEERING ACTIVITIES; TECHNICAL TESTING AND ANALYSIS</i> |   |
| <b>KUMPULAN/GROUP: M712</b><br><i>TECHNICAL TESTING AND ANALYSIS</i>   |   |
| <i>(Please refer general training prerequisite in NOSS document)</i>   |   |
| Area   | <b>Ternakan - Pemeriksaan Daging / Livestock - Meat Inspection</b>  |
|  | <i>Level 4,5: Not Available</i>   |
| <b>L3</b>  | <b>AF-072-3:2015</b><br>Operasi Pemeriksaan Daging / <i>Meat Inspection Operation</i><br>(31-03-2015)   |
|  | <i>Level 1,2: No Job Title</i>  |

| <b>Area</b> |  | <b>Analitikal / Analytical</b>   |                                    |                      |                          |
|-------------|--|--|------------------------------------|----------------------|--------------------------|
| <b>L5</b>   |  | <b>BT-023-5</b><br>Pengurus Makmal Bioteknologi / <i>Biotechnology Laboratory Manager</i><br>(10-12-10)  |                                    |                      |                          |
| <b>L4</b>   |  | <b>BT-023-4</b><br>Penolong Pengurus Makmal Bioteknologi / <i>Biotechnology Laboratory Assistant Manager</i><br>(10-12-10)                               |                                    |                      |                          |
| <b>L3</b>   |  | <b>BT-022-3</b><br>Juruteknik Kanan Makmal Analitikal / <i>Analytical Laboratory Senior Technician</i><br>(25-10-10)                                     |                                    |                      |                          |
| <b>L2</b>   |  | <b>BT-022-2</b><br>Juruteknik Makmal Analitikal / <i>Analytical Laboratory Technician</i><br>(25-10-10)  |                                    |                      |                          |
|             |  | <i>Level 1: No Job Title</i>   |                                    |                      |                          |
| <b>Area</b> | <b>/ Crop Biotech</b>  | <b>/ Livestock</b>   | <b>/ Quality Planning Material</b> | <b>/ Aquaculture</b> | <b>/ Natural Product</b> |
| <b>L5</b>   | <b>BT-025-5:2014</b><br>Pengurusan Teknikal Makmal Bioteknologi Agrikultur / <i>Agricultural Biotechnology Laboratory (ABL) Technical Management</i><br>(02-04-2014) |  |                                    |                      |                          |
| <b>L4</b>   | <b>BT-025-4:2014</b><br>Pengurusan Teknikal Makmal Bioteknologi Agrikultur / <i>Agricultural Biotechnology Laboratory (ABL) Technical Management</i><br>(02-04-2014) |  |                                    |                      |                          |
| <b>L3</b>   | <b>BT-025-3:2014</b><br>Operasi Makmal Bioteknologi Agrikultur / <i>Agricultural Biotechnology Laboratory (ABL) Operation</i><br>(02-04-2014)                        |  |                                    |                      |                          |
|             | <i>Level 1,2: No Job Title</i>   |  |                                    |                      |                          |
| <b>Area</b> |  | <b>Instrumentasi / Instrumentation</b>   |                                    |                      |                          |
| <b>L5</b>   |  | <b>BT-030-5</b><br>Pengurus Instrumentasi Makmal Bioteknologi / <i>Biotechnology Laboratory Instrumentation Manager</i><br>(25-10-10)                    |                                    |                      |                          |
| <b>L4</b>   |  | <b>BT-030-4</b><br>Penolong Pengurus Instrumentasi Makmal Bioteknologi / <i>Biotechnology Laboratory Instrumentation Assistant Manager</i><br>(25-10-10) |                                    |                      |                          |
| <b>L3</b>   |  | <b>BT-030-3</b><br>Juruteknik Kanan Instrumentasi Bioteknologi / <i>Biotechnology Instrumentation Senior Technician</i><br>(25-10-10)                    |                                    |                      |                          |
|             |  | <i>Level 1,2: No Job Title</i>   |                                    |                      |                          |
| <b>Area</b> |  | <b>Biologi Molekular / Molecular Biology</b>   |                                    |                      |                          |
| <b>L5</b>   |  | <b>M712-001-5:2016</b><br>Pengurusan Makmal Biologi Molekular / <i>Molecular Biology Laboratory Management</i><br>(06-12-2016)                           |                                    |                      |                          |
| <b>L4</b>   |  | <b>M712-001-4:2016</b><br>Penyeliaan Makmal Biologi Molekular / <i>Molecular Biology Laboratory Supervision</i><br>(06-12-2016)                          |                                    |                      |                          |
| <b>L3</b>   |  | <b>CM-072-3:2014</b><br>Operasi Makmal Molekular Biologi / <i>Molecular Biology Laboratory Operation</i><br>(25-09-2014)                                 |                                    |                      |                          |
| <b>L2</b>   |  | <b>CM-072-2:2014</b><br>Operasi Makmal Molekular Biologi / <i>Molecular Biology Laboratory Operation</i><br>(25-09-2014)                                 |                                    |                      |                          |
|             |  | <i>Level 1: No Job Title</i>   |                                    |                      |                          |

|             |  |
|-------------|--|
| <b>Area</b> | <b>Analisa Teknikal Makmal / Laboratory Technical Analysis</b>   |
|             | <i>Level 4,5: Not Available</i>  |
| <b>L3</b>   | <b>OG-030-3:2014</b><br>Kawalan Operasi Makmal Minyak, Gas & Petrokimia / <i>Oil, Gas &amp; Petrochemical Laboratory Operation Control</i><br>(16-12-2014) |
| <b>L2</b>   | <b>OG-030-2:2014</b><br>Operasi Makmal Minyak, Gas & Petrokimia / <i>Oil, Gas &amp; Petrochemical Laboratory Operation</i><br>(16-12-2014)                 |
| <b>L1</b>   | <i>Level 1: No Job Title</i>   |
| <b>Area</b> | <b>Alat Keperisian Elektrik / Electrical Precision Instrument</b>  |
|             | <i>Level 4,5: Not Available</i>  |
| <b>L3</b>   | <b>EE-130-3</b><br>Juruteknik Kanan Alatan Keperisian Elektrik / <i>Electrical Precision Instrument Senior Technician</i><br>(17-12-98) (18-11-08)         |
| <b>L2</b>   | <b>EE-130-2</b><br>Juruteknik Alatan Keperisian Elektrik / <i>Electrical Precision Instrument Technician</i><br>(17-12-98) (18-11-08)                      |
| <b>L1</b>   | <b>EE-130-1</b><br>Pembantu Juruteknik Alatan Keperisian Elektrik / <i>Electrical Precision Instrument Assistant Technician</i><br>(17-12-98) (18-11-08)   |
| <b>Area</b> | <b>Pemeriksaan dan Audit Keselamatan Taman Permainan / Playground Safety Inspection and Auditing</b>   |
| <b>L5</b>   | <b>M712-002-5:2017</b><br>Pengurusan Dan Pengauditan Keselamatan Taman Permainan / <i>Playground Safety Auditing And Mangement</i><br>(28-03-2017)         |
| <b>L4</b>   | <b>M712-002-4:2017</b><br>Pemeriksaan Keselamatan Taman Permainan / <i>Playground Safety Inspection</i><br>(28-03-2017)                                    |
|             | <i>Level 1,2,3: No Job Title</i>   |
| <b>Area</b> | <b>/ Penetrant Testing (PT) – Aerospace Materials, Components and Structures</b>   |
|             | <i>Level 4,5: Not Available</i>  |
| <b>L3</b>   | <b>M712-003-3:2017</b><br><i>Penetrant Testing – Aerospace Materials, Components and Structures</i><br>(13-06-2017)  |
| <b>L2</b>   | <b>M712-003-2:2017</b><br><i>Penetrant Testing – Aerospace Materials, Components and Structures</i><br>(13-06-2017)  |
| <b>L1</b>   | <b>M712-003-1:2017</b><br><i>Penetrant Testing – Aerospace Materials, Components and Structures</i><br>(13-06-2017)  |
| <b>Area</b> | <b>Operasi Saintifik dan Teknikal / Scientific and Technical Operation</b>   |
|             | <i>Level 4,5: Not Available</i>  |
| <b>L3</b>   | <b>M712-005-3:2019</b><br>Operasi Makmal / <i>Laboratory Operations</i><br>(07-08-2019)  |
|             | <i>Level 1,2: No Job Title</i>   |

|             |  |
|-------------|--|
| <b>Area</b> | <b>Pengujian Magnetik – Bahan, Komponen dan Struktur / <i>Magnetic Testing (MT) – Materials, Components and Structures</i></b>   |
|             | <i>Level 4,5: Not Available</i>  |
| <b>L3</b>   | <b>M712-006-3:2019</b><br>Pengujian Magnetik – Aeroangkasa (Bahan, Komponen dan Struktur) / <i>Magnetic Testing (MT) – Aerospace (Materials, Components and Structures)</i><br>(07-08-2019)  |
| <b>L2</b>   | <b>M712-006-2:2019</b><br>Pengujian Magnetik – Aeroangkasa (Bahan, Komponen dan Struktur) / <i>Magnetic Testing (MT) – Aerospace (Materials, Components and Structures)</i><br>(07-08-2019)  |
| <b>L1</b>   | <b>M712-006-1:2019</b><br>Pengujian Magnetik – Aeroangkasa (Bahan, Komponen dan Struktur) / <i>Magnetic Testing (MT) – Aerospace (Materials, Components and Structures)</i><br>(07-08-2019)  |
| <b>Area</b> | <b>Pengujian Penembusan – Bahan, Komponen dan Pembinaan Berkimpalan / <i>Penetrant Testing (PT) – Materials, Components And Welded Constructions</i></b>   |
|             | <i>Level 4,5: Not Available</i>  |
| <b>L3</b>   | <b>M712-007-3:2019</b><br>Pengujian Penembusan – Janakuasa (Bahan, Komponen dan Pembinaan Berkimpalan) / <i>Penetrant Testing (PT) – Power Generation (Materials, Components and Welded Constructions)</i><br>(07-08-2019)         |
| <b>L2</b>   | <b>M712-007-2:2019</b><br>Pengujian Penembusan – Janakuasa (Bahan, Komponen dan Pembinaan Berkimpalan) / <i>Penetrant Testing (PT) – Power Generation (Materials, Components and Welded Constructions)</i><br>(07-08-2019)         |
| <b>L1</b>   | <b>M712-007-1:2019</b><br>Pengujian Penembusan – Janakuasa (Bahan, Komponen dan Pembinaan Berkimpalan) / <i>Penetrant Testing (PT) – Power Generation (Materials, Components and Welded Constructions)</i><br>(07-08-2019)         |
| <b>Area</b> | <b>Pengujian Ultrasonik – Keretapi (Rel, Sambungan dan Gandar) / <i>Ultrasonic Testing (UT) – Railway (Rail, Joints and Axles)</i></b>   |
|             | <i>Level 4,5: Not Available</i>  |
| <b>L3</b>   | <b>M712-008-3:2019</b><br>Pengujian Ultrasonik – Pengangkutan (Keretapi – Rel, Sambungan dan Gandar) / <i>Ultrasonic Testing (UT) – Transportation (Railway – Rail, Joints and Axles)</i><br>(07-08-2019)                          |
| <b>L2</b>   | <b>M712-008-2:2019</b><br>Pengujian Ultrasonik – Pengangkutan (Keretapi – Rel, Sambungan dan Gandar) / <i>Ultrasonic Testing (UT) – Transportation (Railway – Rail, Joints and Axles)</i><br>(07-08-2019)                          |
| <b>L1</b>   | <b>M712-008-1:2019</b><br>Pengujian Ultrasonik – Pengangkutan (Keretapi – Ukuran Ketebalan dan Laminasi) / <i>Ultrasonic Testing (UT) – Transportation (Railway – Thickness Measurement and Lamination)</i><br>(07-08-2019)        |
| <b>Area</b> | <b>Pengujian Ultrasonik - Fasa Tersusun - Bahan Dan Binaan Berkimpalan / <i>Ultrasonic Testing Phased Array (UT-PA) - Materials And Welded Constructions</i></b>   |
|             | <i>Level 4,5: Not Available</i>  |
| <b>L3</b>   | <b>M712-009-3:2019</b><br>Pengujian Ultrasonik - Fasa Tersusun - Minyak Dan Gas (Bahan dan Binaan Berkimpalan) / <i>Ultrasonic Testing Phased Array (UT-PA) - Oil and Gas (Materials and Welded Constructions)</i><br>(07-08-2019) |
| <b>L2</b>   | <b>M712-009-2:2019</b><br>Pengujian Ultrasonik - Fasa Tersusun - Minyak Dan Gas (Bahan dan Binaan Berkimpalan) / <i>Ultrasonic Testing Phased Array (UT-PA) - Oil and Gas (Materials and Welded Constructions)</i><br>(07-08-2019) |
|             | <i>Level 1: No Job Title</i>   |



| <b>Area</b>                      |  | <b>Peralatan dan Instrumen Persis / Precision Equipment and Instrument</b>   |   |
|----------------------------------|--|--|---|
| <b>L5</b>                        |  | <b>M712-010-5:2020</b><br>Pengurusan Makmal Kalibrasi Peralatan dan Instrumen Kebersihan Mekanikal / <i>Mechanical Precision Equipment and Instrument Calibration Laboratory Management</i><br>(25-10-10) (03-09-2020)   |   |
| <b>L4</b>                        |  | <b>M712-010-4:2020</b><br>Koordinasi Makmal Kalibrasi Peralatan dan Instrumen Kebersihan Mekanikal / <i>Mechanical Precision Equipment and Instrument Calibration Laboratory Coordination</i><br>(25-10-10) (03-09-2020) |   |
| <b>L3</b>                        |  | <b>M712-010-3:2020</b><br>Operasi Kalibrasi Peralatan dan Instrumen Persis Mekanikal / <i>Mechanical Precision Equipment and Instrument Calibration Operation</i><br>(17-12-98) (24-03-09) (03-09-2020)                  |   |
| <i>Level 1,2: No Job Title</i>   |  |  |   |
| <b>Area</b>                      |  | <b>Radiographic Testing (RT) - Welded Construction</b>   | <b>Radiographic Testing - Digital (RT-D) - Welds, Castings, Tubes and Pipes</b>   |
| <i>Level 4,5: Not Available</i>  |  |  |   |
| <b>L3</b>                        |  | <b>M712-011-3:2022</b><br>Ujian Radiografi - Binaan Terkimpal / <i>Radiographic Testing (RT) - Welded Construction</i><br>(13-04-2000) (19-4-2011) (24-04-2013)<br>(31-03-2015) (12-09-2022)                             | <b>M712-012-3:2022</b><br>Ujian Radiografi - Digital (RT-D) - Kimpalan, Tuangan, Tiub dan Paip / <i>Radiographic Testing - Digital (RT-D) - Welds, Castings, Tubes and Pipes</i><br>(13-06-2017) (12-09-2022) |
| <b>L2</b>                        |  | <b>M712-011-2:2022</b><br>Ujian Radiografi - Binaan Terkimpal / <i>Radiographic Testing (RT) - Welded Construction</i><br>(13-04-2000) (19-4-2011) (24-04-2013)<br>(31-03-2015) (12-09-2022)                             | <b>M712-012-2:2022</b><br>Ujian Radiografi - Digital (RT-D) - Kimpalan, Tuangan, Tiub dan Paip / <i>Radiographic Testing - Digital (RT-D) - Welds, Castings, Tubes and Pipes</i><br>(13-06-2017) (12-09-2022) |
| <b>L1</b>                        |  | <b>M712-011-1:2022</b><br>Ujian Radiografi - Binaan Terkimpal / <i>Radiographic Testing (RT) - Welded Construction</i><br>(13-04-2000) (19-4-2011) (24-04-2013)<br>(31-03-2015) (12-09-2022)                             | <b>M712-012-1:2022</b><br>Ujian Radiografi - Digital (RT-D) - Kimpalan, Tuangan, Tiub dan Paip / <i>Radiographic Testing - Digital (RT-D) - Welds, Castings, Tubes and Pipes</i><br>(13-06-2017) (12-09-2022) |
| <b>Area</b>                      |  | <b>Bioteknologi Am / General Biotechnology</b>   |   |
| <b>L5</b>                        |  | <b>BT-023-5</b><br>Pengurus Makmal Bioteknologi / <i>Biotechnology Laboratory Manager</i><br>(10-12-10)  |   |
| <b>L4</b>                        |  | <b>BT-023-4</b><br>Penolong Pengurus Makmal Bioteknologi / <i>Biotechnology Laboratory Assistant Manager</i><br>(10-12-10)   |   |
| <b>L3</b>                        |  | <b>BT-020-3</b><br>Juruteknik Kanan Makmal Bioteknologi Umum / <i>General Biotechnology Laboratory Senior Technician</i><br>(23-06-2009)   |   |
| <b>L2</b>                        |  | <b>BT-020-2</b><br>Juruteknik Makmal Bioteknologi Umum / <i>General Biotechnology Laboratory Technician</i><br>(23-06-2009)  |   |
| <i>Level 1: No Job Title</i>     |  |  |   |
| <b>Area</b>                      |  | <b>Aktiviti Industri Berkaitan Pertanian / Agriculture Related Industrial Activities</b>   |   |
| <b>L5</b>                        |  | <b>Y-060-5</b><br>Pengurus Penyelidikan dan Pembangunan (Aktiviti-Aktiviti Industri Berkaitan Pertanian) / <i>Research &amp; Development Manager (Agriculture Related Industrial Activities)</i><br>(17-04-2003)         |   |
| <b>L4</b>                        |  | <b>Y-060-4</b><br>Eksekutif Penyelidikan dan Pembangunan (Aktiviti-Aktiviti Industri Berkaitan Pertanian) / <i>Research &amp; Development Executive (Agriculture Related Industrial Activities)</i><br>(17-04-2003)      |   |
| <i>Level 1,2,3: No Job Title</i> |  |  |   |

| BAHAGIAN/DIVISION: M72<br>SCIENTIFIC RESEARCH AND DEVELOPMENT        |  | KUMPULAN/GROUP: M721<br>RESEARCH AND EXPERIMENTAL DEVELOPMENT ON<br>NATURAL SCIENCES AND ENGINEERING |
|--|--|--|
| <i>(Please refer general training prerequisite in NOSS document)</i> |  |  |
| Area   | Pharmaceutical R&D Formulation Development   | Pharmaceutical R&D Analytical Development  |
|  | <i>Level 4, 5: Not Available</i>   |  |
| L3   | <b>M721-013-3:2023</b><br>Penyeliaan Pembangunan Formulasi dan Analitikal Farmaseutikal / <i>Pharmaceutical Formulation and Analytical Development Supervision</i><br>(8-5-2023) |  |
| L2   | <b>M721-013-2:2023</b><br>Pembangunan Formulasi dan Analitikal Farmaseutikal / <i>Pharmaceutical Formulation and Analytical Development</i><br>(8-5-2023)                        |  |
|  | <i>Level 1: No Job Title</i>   |  |
| BAHAGIAN/DIVISION: M72<br>SCIENTIFIC RESEARCH AND DEVELOPMENT        |  | KUMPULAN/GROUP: M722<br>RESEARCH AND EXPERIMENTAL DEVELOPMENT ON<br>SOCIAL SCIENCES AND HUMANITIES   |
| <i>(Please refer general training prerequisite in NOSS document)</i> |  |  |
| Area   | Penyelidik Islam / <i>Islamic Researcher</i>   |  |
| L5   | <b>ET-010-5</b><br>Penyelidik Islam - Mu'tabar Kanan / <i>Senior Islamic Researcher- Mu' tabar</i><br>(18-11-08)   |  |
| L4   | <b>ET-010-4</b><br>Penyelidik Islam - Mu'tabar / <i>Islamic Researcher- Mu' tabar</i><br>(18-11-08)  |  |
|  | <i>Level 1,2,3: No Job Title</i>   |  |
| Area   | Perundingan Sumber Manusia / <i>Human Resources Consultancy</i>  |  |
|  | <i>Level 5: Not Available</i>  |  |
| L4   | <b>FB-077-4:2013</b><br>Analisis Data Sumber Manusia / <i>Human Resource Data Analysis</i><br>(24-04-2013)   |  |
| L3   | <b>FB-077-3:2013</b><br>Pemprosesan Data Sumber Manusia / <i>Human Resource Data Processing</i><br>(24-04-2013)  |  |
|  | <i>Level 1,2: No Job Title</i>   |  |
| Area   | Pelancongan Arkeo / <i>Archaeotourism</i>  |  |
|  | <i>Level 4,5: Not Available</i>  |  |
| L3   | <b>M722-001-3:2017</b><br>Pengoperasian Arkeologi Daratan / <i>Terrestrial Archaeology Operation</i><br>(21-08-2017)   |  |
|  | <i>Level 1,2: No Job Title</i>   |  |
| BAHAGIAN/DIVISION: M73<br>ADVERTISING AND MARKET RESEARCH            |  | KUMPULAN/GROUP: M731<br>ADVERTISING  |
| <i>(Please refer general training prerequisite in NOSS document)</i> |  |  |
| Area   | Jualan & Pemasaran / <i>Sales &amp; Marketing</i>  |  |
| L5   | <b>FB-018-5:2012</b><br>Pengurusan Jualan & Pemasaran / <i>Sales &amp; Marketing Management</i><br>(18-12-2012)  |  |
| L4   | <b>FB-018-4:2012</b><br>Pentadbiran Jualan & Pemasaran / <i>Sales &amp; Marketing Administration</i><br>(18-12-2012)   |  |
| L3   | <b>FB-018-3:2012</b><br>Operasi Jualan & Pemasaran / <i>Sales &amp; Marketing Operation</i><br>(18-12-2012)  |  |
|  | <i>Level 1,2: No Job Title</i>   |  |

| <b>Area</b>   |  | <b>Pengiklanan / Advertising</b>   |  |
|---|--|--|--|
| <b>L5</b>   |  | <b>FB-019-5:2012</b><br>Pengurusan Pengiklanan & Promosi / <i>Advertising &amp; Promotion Management</i><br>(18-12-2012)                       |  |
| <b>L4</b>   |  | <b>FB-019-4:2012</b><br>Pembangunan Pengiklanan & Promosi / <i>Advertising &amp; Promotion Development</i><br>(18-12-2012)                     |  |
| <b>L3</b>   |  | <b>FB-019-3:2012</b><br>Perkhidmatan Pengiklanan & Promosi / <i>Advertising &amp; Promotion Services</i><br>(18-12-2012)                       |  |
| <i>Level 1,2: No Job Title</i>  |  |  |  |
| <b>Area</b>   |  | <b>Digital Marketing</b>   |  |
| <b>L5</b>   |  | <b>M731-001-5:2021</b><br>Pengurusan Pemasaran Digital / <i>Digital Marketing Management</i><br>(29-10-2021)                                   |  |
| <b>L4</b>   |  | <b>M731-001-4:2021</b><br>Perancangan & Pelaksanaan Pemasaran Digital / <i>Digital Marketing Planning &amp; Implementation</i><br>(29-10-2021) |  |
| <b>L3</b>   |  | <b>M731-001-3:2021</b><br>Operasi Pemasaran Digital / <i>Digital Marketing Operation</i><br>(29-10-2021)                                       |  |
| <i>Level 1,2: No Job Title</i>  |  |  |  |
| <b>BAHAGIAN/DIVISION: M74</b><br><i>OTHER PROFESSIONAL, SCIENTIFIC AND TECHNICAL ACTIVITIES</i> |  | <b>KUMPULAN/GROUP: M741</b><br><i>SPECIALIZED DESIGN ACTIVITIES</i>  |  |
| <i>(Please refer general training prerequisite in NOSS document)</i>                            |  |  |  |
| <b>Area</b>   | <b>Interior Furnishing</b>   | <b>Perkhidmatan Hiasan Dalaman / Interior Decoration Services</b>  |  |
| <b>L5</b>   | <i>Level 5: Not Available</i>  | <b>M741-001-5:2016</b><br>Pengurusan Hiasan Dalaman / <i>Interior Decoration Management</i><br>(06-12-2016)                                    |  |
| <b>L4</b>   | <i>Level 4: Not Available</i>  | <b>M741-001-4:2016</b><br>Koordinasi Hiasan Dalaman / <i>Interior Decoration Coordination</i><br>(06-12-2016)                                  |  |
| <b>L3</b>   | <b>ID-031-3:2013</b><br>Pengeluaran Hiasan Dalaman (Fabrik) / <i>Interior Furnishing Production (Fabric)</i><br>(30-12-2013) | <b>ID-032-3:2015</b><br>Hiasan Dalaman / <i>Interior Decoration</i><br>(31-03-2015)  |  |
| <i>Level 1,2: No Job Title</i>  |  |  |  |
| <b>Area</b>   |  | <b>Rekabentuk Dalaman / Interior Design</b>  |  |
| <i>Level 4,5: Not Available</i>   |  |  |  |
| <b>L3</b>   |  | <b>ID-040-3</b><br>Pelukis Kanan Rekaan Dalaman / <i>Senior Interior Draughtsman</i><br>(10-08-2006) (10-12-10)                                |  |
| <b>L2</b>   |  | <b>ID-040-2</b><br>Pelukis Rekaan Dalaman / <i>Interior Draughtsman</i><br>(10-08-2006) (10-12-10)   |  |
| <b>L1</b>   |  | <b>ID-040-1</b><br>Pelukis Rekaan Dalaman Rendah / <i>Junior Interior Draughtsman</i><br>(10-08-2006) (10-12-10)                               |  |

| <b>Area</b>   | <b>Produk Industri / Industrial Product</b>   |                                |   |                              |
|---|---|--------------------------------|---|------------------------------|
| <b>L5</b>   | <b>MC-040-5:2013</b><br>Pengurusan Rekabentuk Produk Industri / <i>Industrial Product Design Management</i><br>(01-10-09) (30-12-2013)              |                                |   |                              |
| <b>L4</b>   | <b>MC-040-4:2013</b><br>Rekabentuk & Pembangunan Produk Industri / <i>Industrial Product Designing &amp; Development</i><br>(01-10-09) (30-12-2013) |                                |   |                              |
| <b>L3</b>   | <b>MC-040-3:2013</b><br>Pembangunan Produk Industri / <i>Industrial Product Development</i><br>(19-07-01) (30-10-07) (30-12-2013)                   |                                |   |                              |
|   | <i>Level 1,2: No Job Title</i>  |                                |   |                              |
| <b>Area</b>   | <b>Pembuatan / Manufacturing</b>  | <b>Perkhidmatan / Services</b> | <b>Rekabentuk / Design</b>                                    | <b>Pemasaran / Marketing</b> |
| <b>L5</b>   | <b>MC-095-5:2016</b><br>Inovasi & Pengkomersilan Rekabentuk Produk / <i>Product Design Innovation &amp; Commercialisation</i><br>(04-02-2016)       |                                |   |                              |
| <b>L4</b>   | <b>MC-095-4:2016</b><br>Inovasi & Pembangunan Rekabentuk Produk / <i>Product Design Innovation &amp; Development</i><br>(04-02-2016)                |                                |   |                              |
|   | <i>Level 1,2,3: No Job Title</i>  |                                |   |                              |
| <b>Area</b>   | <b>Pewter / Pewter</b>  |                                |   |                              |
|   | <i>Level 4,5: Not Available</i>   |                                |   |                              |
| <b>L3</b>   | <b>SS-070-3:2016</b><br>Kawalan Operasi Pembuatan Pewter / <i>Pewter Production Operation Control</i><br>(18-11-08) (04-02-2016)                    |                                |   |                              |
| <b>L2</b>   | <b>SS-070-2:2016</b><br>Operasi Pembuatan Pewter / <i>Pewter Production Operation</i><br>(18-11-08) (04-02-2016)                                    |                                |   |                              |
|   | <i>Level 1: No Job Title</i>  |                                |   |                              |
| <b>BAHAGIAN/DIVISION: M74</b><br><i>OTHER PROFESSIONAL, SCIENTIFIC AND TECHNICAL ACTIVITIES</i> |   |                                | <b>KUMPULAN/GROUP: M742</b><br><i>PHOTOGRAPHIC ACTIVITIES</i> |                              |
| <i>(Please refer general training prerequisite in NOSS document)</i>                            |   |                                |   |                              |
| <b>Area</b>   | <b>Fotografi / Photography</b>  |                                |   |                              |
| <b>L5</b>   | <b>AC-050-5:2012</b><br>Fotografi / <i>Photography</i><br>(18-12-2012)  |                                |   |                              |
| <b>L4</b>   | <b>AC-050-4:2012</b><br>Fotografi / <i>Photography</i><br>(18-12-2012)  |                                |   |                              |
| <b>L3</b>   | <b>AC-050-3:2012</b><br>Fotografi / <i>Photography</i><br>(18-11-08) (18-12-2012)   |                                |   |                              |
|   | <i>Level 1,2: No Job Title</i>  |                                |   |                              |

| BAHAGIAN/DIVISION: M74<br>OTHER PROFESSIONAL, SCIENTIFIC AND TECHNICAL<br>ACTIVITIES |  | KUMPULAN/GROUP: M749<br>OTHER PROFESSIONAL, SCIENTIFIC AND TECHNICAL<br>ACTIVITIES n.e.c                                     |  |
|--|--|--|--|
| <i>(Please refer general training prerequisite in NOSS document)</i>                 |  |  |  |
| <b>Area</b>  | <b>Hidrografi / Hydrographic</b>   |  |  |
| <b>L5</b>  | <b>M749-001-5:2017</b><br>Pengurusan Kajian Hidrografi / <i>Hydrographic Survey Management</i><br>(28-03-2017)   |  |  |
| <b>L4</b>  | <b>M749-001-4:2017</b><br>Koordinasi Kajian Hidrografi / <i>Hydrographic Survey Coordination</i><br>(28-03-2017)   |  |  |
| <b>L3</b>  | <b>BC-066-3:2016</b><br>Pengukuran Hidrografi / <i>Hydrographic Surveying</i><br>(04-02-2016)  |  |  |
| <i>Level 1,2: No Job Title</i>   |  |  |  |
| <b>Area</b>  | <b>Operasi Kawalan Proses / Process Control Operation</b>  |  |  |
| <b>L5</b>  | <b>CM-030-5</b><br>Ahli Teknologi Kawalan Proses / <i>Process Control Technologist</i><br>(25-10-10)   |  |  |
| <b>L4</b>  | <b>CM-030-4</b><br>Pembantu Ahli Teknologi Kawalan Proses / <i>Assistant Process Control Technologist</i><br>(25-10-10)  |  |  |
| <b>L3</b>  | <b>S-030-3</b><br>Penyelia Operasi Kawalan Proses / <i>Process Control Operation Supervisor</i><br>(17-12-2005)  |  |  |
| <b>L2</b>  | <b>S-030-2</b><br>Juruteknik Operasi Kawalan Proses / <i>Process Control Operation Technician</i><br>(17-12-2005)  |  |  |
| <i>Level 1: No Job Title</i>   |  |  |  |
| <b>Area</b>  | <b>Pemeriksaan Dokumen / Document Examination</b>  |  |  |
| <i>Level 3,4,5: Not Available</i>  |  |  |  |
| <b>L3</b>  | <b>CM-071-3:2014</b><br>Operasi Makmal Pemeriksaan Dokumen / <i>Document Examination Laboratory Operation</i><br>(25-09-2014)                                      |  |  |
| <b>L2</b>  | <b>CM-071-2:2014</b><br>Operasi Makmal Pemeriksaan Dokumen / <i>Document Examination Laboratory Operation</i><br>(25-09-2014)                                      |  |  |
| <i>Level 1: No Job Title</i>   |  |  |  |
| <b>Area</b>  | <b>Pentafsir Radiograf / Radiograph Interpreter</b>  |  |  |
| <i>Level 3,4,5: Not Available</i>  |  |  |  |
| <b>L2</b>  | <b>MC-115-2:2016</b><br>Pentafsiran Radiografi – Pembinaan Berkimpalan<br><i>Radiographic Interpretation (RI) – Welded Construction</i><br>(01-01-93) (11-10-2016) | <b>H-042-2</b><br>Pentafsir Radiograf-Tuangan dan Tempaan<br><i>Radiograph Interpreter-Casting and Forging</i><br>(01-01-93) |  |
| <i>Level 1: No Job Title</i>   |  |  |  |
| <b>Area</b>  | <b>Halal Auditing</b>  | <b>Halal Compliance Management</b>   |  |
| <b>L5</b>  | <b>M749-008-5:2023</b><br>Pengurusan Audit Halal / <i>Halal Audit Management</i><br>(30-12-2013)(8-5-2023)   | <b>M749-004-5:2020</b><br>Pengurusan Halal / <i>Halal Management</i><br>(24-05-2016) (13-11-2020)                            |  |
| <b>L4</b>  | <b>M749-008-4:2023</b><br>Pentadbiran Audit Halal / <i>Halal Audit Administration</i><br>(30-12-2013)(8-5-2023)  | <b>M749-004-4:2020</b><br>Pentadbiran Halal / <i>Halal Administration</i><br>(24-05-2016) (13-11-2020)                       |  |
| <b>L3</b>  | <b>M749-004-3:2020</b><br>Penyeliaan Operasi Halal / <i>Halal Operation Supervision</i><br>(24-05-2016) (13-11-2020)   |  |  |
| <i>Level 1,2: No Job Title</i>   |  |  |  |

| <b>Area</b> | <b>Perkhidmatan Golf / Golf Services</b>  |   |
|-------------|---|---|
| <b>L5</b>   | <b>HT-087-5</b><br>Ketua Golf Profesional / <i>Head Golf Professional</i><br>(05-04-2012)   |   |
| <b>L4</b>   | <b>HT-087-4</b><br>Pengajar Golf Profesional / <i>Professional Golf Instructor</i><br>(05-04-2012)  |   |
|             | <i>Level 1,2,3: No Job Title</i>  |   |
| <b>Area</b> | <b>Perkhidmatan Pengurusan Haiwan Perosak / Pest Management Services</b>  |   |
| <b>L5</b>   | <b>LE-050-5:2013</b><br>Pengurusan Perkhidmatan Haiwan Perosak / <i>Pest Services Management</i><br>(30-12-2013)                              |   |
| <b>L4</b>   | <b>LE-050-4:2013</b><br>Pentadbiran Perkhidmatan Haiwan Perosak / <i>Pest Services Administration</i><br>(30-12-2013)                         |   |
| <b>L3</b>   | <b>LE-050-3:2013</b><br>Operasi Perkhidmatan Haiwan Perosak / <i>Pest Services Operation</i><br>(30-12-2013)                                  |   |
|             | <i>Level 1,2: No Job Title</i>  |   |
| <b>Area</b> | <b>Jaminan Kualiti Industri / Industrial Quality Assurance</b>  |   |
| <b>L5</b>   | <b>MC-041-5:2012</b><br>Jaminan Kualiti Industri / <i>Industrial Quality Assurance</i><br>(18-07-2002) (05-04-2012)                           |   |
| <b>L4</b>   | <b>MC-041-4:2012</b><br>Jaminan Kualiti Industri / <i>Industrial Quality Assurance</i><br>(18-07-2002) (05-04-2012)                           |   |
| <b>L3</b>   | <b>MC-041-3:2012</b><br>Jaminan Kualiti Industri (Pembuatan) / <i>Industrial Quality Assurance (Manufacturing)</i><br>(19-07-01) (05-04-2012) |   |
| <b>L2</b>   | <b>MC-041-2:2012</b><br>Kawalan Kualiti Industri / <i>Industrial Quality Control</i><br>(19-07-01) (05-04-2012)                               |   |
|             | <i>Level 1: No Job Title</i>  |   |
| <b>Area</b> | <b>Dalam Air- Ujian Tanpa Musnah (NDT) / Underwater Non-Destructive Testing (NDT)</b>   | <b>Aeroangkasa- Ujian Tanpa Musnah (NDT) / Aerospace Non-Destructive Testing (NDT)</b>                    |
|             | <i>Level 4,5: Not Available</i>   |   |
| <b>L3</b>   | <b>MC-061-3</b><br>Penguji Ultrasonik Dalam Air / <i>Underwater Ultrasonic Tester (UWUT)</i><br>(25-10-10)                                    | <b>MC-062-3</b><br>Penguji Ultrasonik Aeroangkasa / <i>Aerospace Ultrasonic Tester (UT)</i><br>(25-10-10) |
| <b>L2</b>   | <b>MC-061-2</b><br>Penguji Ultrasonik Dalam Air / <i>Underwater Ultrasonic Tester (UWUT)</i><br>(25-10-10)                                    | <b>MC-062-2</b><br>Penguji Ultrasonik Aeroangkasa / <i>Aerospace Ultrasonic Tester (UT)</i><br>(25-10-10) |
| <b>L1</b>   | <b>MC-061-1</b><br>Penguji Ultrasonik Dalam Air / <i>Underwater Ultrasonic Tester (UWUT)</i><br>(25-10-10)                                    | <b>MC-062-1</b><br>Penguji Ultrasonik Aeroangkasa / <i>Aerospace Ultrasonic Tester (UT)</i><br>(25-10-10) |

| Area | Minyak & Gas - Ujian Tanpa Musnah (NDT) /<br>Oil & Gas Non-Destructive Testing (NDT)  |   |
|------|---|---|
|      | <i>Level 4,5: Not Available</i>   |   |
| L3   | <b>MC-113-3:2015</b><br>Pemeriksaan Ultrasonik - Binaan Berkimpalan Minyak & Gas / <i>Ultrasonic Testing - Welded Construction Oil &amp; Gas</i><br>(13-04-2000) (19-4-2011) (24-04-2013) (31-03-2015)  |   |
| L2   | <b>MC-113-2:2015</b><br>Pemeriksaan Ultrasonik - Binaan Berkimpalan (Plat & Paip) Minyak & Gas / <i>Ultrasonic Testing - Welded Construction (Plate &amp; Pipe) Oil &amp; Gas</i><br>(13-04-2000) (19-4-2011) (24-04-2013) (31-03-2015)   |   |
| L1   | <b>MC-113-1:2015</b><br>Pemeriksaan Ultrasonik - Binaan Berkimpalan (Pengukuran Ketebalan & Pelaminaan) Minyak & Gas / <i>Ultrasonic Testing - Welded Construction (Thickness Measurement &amp; Lamination) Oil &amp; Gas</i><br>(13-04-2000) (19-4-2011) (24-04-2013) (31-03-2015) |   |
| Area | Perkhidmatan NDT - Pengujian Arus Pusing / Non Destructive Testing Services - Eddy Current Testing  | Perkhidmatan NDT - Pengujian Penembusan / Non Destructive Testing Services - Penetrant Tester   |
|      | <i>Level 4,5: Not Available</i>   |   |
| L3   | <b>MC-111-3:2014</b><br>Pengujian Arus Pusing – Tiub & Plat (Minyak & Gas) / <i>Eddy Current Testing (ET)- Tubes &amp; Plates (Oil &amp; Gas)</i><br>(30-07-95) (03-03-2005) (19-4-2011) (02-04-2014)   | <b>MC-112-3:2014</b><br>Pengujian Penembusan- Pembinaan Terkimpal (Minyak & Gas) / <i>Penetrant Testing (PT) – Welded Construction (Oil &amp; Gas)</i><br>(01-07-90) (19-4-2011) (02-04-2014) |
| L2   | <b>MC-111-2:2014</b><br>Pengujian Arus Pusing – Tiub & Plat (Minyak & Gas) / <i>Eddy Current Testing (ET)- Tubes &amp; Plates (Oil &amp; Gas)</i><br>(30-07-95) (03-03-2005) (19-4-2011) (02-04-2014)   | <b>MC-112-2:2014</b><br>Pengujian Penembusan- Pembinaan Terkimpal (Minyak & Gas) / <i>Penetrant Testing (PT) – Welded Construction (Oil &amp; Gas)</i><br>(01-07-90) (19-4-2011) (02-04-2014) |
| L1   | <b>MC-111-1:2014</b><br>Pengujian Arus Pusing – Tiub & Plat (Minyak & Gas) / <i>Eddy Current Testing (ET)- Tubes &amp; Plates (Oil &amp; Gas)</i><br>(30-07-95) (03-03-2005) (19-4-2011) (02-04-2014)   | <b>MC-112-1:2014</b><br>Pengujian Penembusan- Pembinaan Terkimpal (Minyak & Gas) / <i>Penetrant Testing (PT) – Welded Construction (Oil &amp; Gas)</i><br>(01-07-90) (19-4-2011) (02-04-2014) |
| Area | Perkhidmatan NDT - Pengujian Arus Pusing / Non Destructive Testing Services - Eddy Current Testing  | Perkhidmatan NDT - Pengujian Radiograf / Non Destructive Testing Services - Radiographic Testing  |
|      | <i>Level 4,5: Not Available</i>   |   |
| L3   | <b>MC-116-3:2014</b><br>Pengujian Arus Pusing – Bahan, Komponen & Struktur Aeroangkasa / <i>Eddy Current Testing (ET)- Aerospace Materials, Components &amp; Structures</i><br>(16-12-2014)   | <b>MC-117-3:2014</b><br>Pengujian Radiograf – Bahan, Komponen & Struktur Aeroangkasa / <i>Radiographic Testing (RT)- Aerospace Materials, Components &amp; Structures</i><br>(16-12-2014)     |
| L2   | <b>MC-116-2:2014</b><br>Pengujian Arus Pusing – Bahan, Komponen & Struktur Aeroangkasa / <i>Eddy Current Testing (ET)- Aerospace Materials, Components &amp; Structures</i><br>(16-12-2014)   | <b>MC-117-2:2014</b><br>Pengujian Radiograf – Bahan, Komponen & Struktur Aeroangkasa / <i>Radiographic Testing (RT)- Aerospace Materials, Components &amp; Structures</i><br>(16-12-2014)     |
| L1   | <b>MC-116-1:2014</b><br>Pengujian Arus Pusing – Bahan, Komponen & Struktur Aeroangkasa / <i>Eddy Current Testing (ET)- Aerospace Materials, Components &amp; Structures</i><br>(16-12-2014)   | <b>MC-117-1:2014</b><br>Pengujian Radiograf – Bahan, Komponen & Struktur Aeroangkasa / <i>Radiographic Testing (RT)- Aerospace Materials, Components &amp; Structures</i><br>(16-12-2014)     |

| Area      | <b>Pengujian Zarah Magnet / Magnetic Particle Tester</b>   |  |
|-----------|--|--|
|           | <i>Level 4,5: Not Available</i>  |  |
| <b>L3</b> | <b>MC-114-3:2014</b><br>Pengujian Partikel Magnetik – Pembinaan Terkimpal (Minyak & Gas) / <i>Magnetic Particle Testing (MT)- Welded Construction (Oil &amp; Gas)</i><br>(01-01-93)(19-4-2011)(02-04-2014)   |  |
| <b>L2</b> | <b>MC-114-2:2014</b><br>Pengujian Partikel Magnetik – Pembinaan Terkimpal (Minyak & Gas) / <i>Magnetic Particle Testing (MT)- Welded Construction (Oil &amp; Gas)</i><br>(01-01-93) (19-4-2011) (02-04-2014) |  |
| <b>L1</b> | <b>MC-114-1:2014</b><br>Pengujian Partikel Magnetik – Pembinaan Terkimpal (Minyak & Gas) / <i>Magnetic Particle Testing (MT)- Welded Construction (Oil &amp; Gas)</i><br>(01-01-93) (19-4-2011) (02-04-2014) |  |
| Area      | <b>Penyelaman Komersial / Diving Commercial - Air/Mixed-Gas Diving</b>   | <b>Penyelaman Komersial / Diving Commercial - Surface Diving</b>                             |
|           | <i>Level 4,5: Not Available</i>  |  |
| <b>L3</b> | <b>OG-040-3:2015</b><br>Air/Mixed-Gas Surface-Supplied Diving<br>(07-10-99)(31-03-2015)  | <b>U-022-3</b><br>Penyelia Selaman Tepu<br><i>Saturation Diving Supervisor</i><br>(07-10-99) |
| <b>L2</b> | <i>Level 2: No Job Title</i>   | <b>U-022-2</b><br>Penyelam Tepu<br><i>Saturation Diver</i><br>(07-10-99)                     |
|           | <i>Level 1: No Job Title</i>   |  |
| Area      | <b>Industri Akses Tali / Industrial Rope Access</b>  |  |
|           | <i>Level 4,5: Not Available</i>  |  |
| <b>L3</b> | <b>M749-002-3:2019</b><br>Penyelanaan Industri Akses Tali / <i>Industrial Rope Access Supervision</i><br>(30-01-2019)  |  |
| <b>L2</b> | <b>M749-002-2:2019</b><br>Operasi Lanjutan Industri Akses Tali / <i>Industrial Rope Access Advanced Operation</i><br>(30-01-2019)  |  |
| <b>L1</b> | <b>M749-002-1:2019</b><br>Operasi Industri Akses Tali / <i>Industrial Rope Access Operation</i><br>(30-01-2019)  |  |
| Area      | <b>Penyelenggaraan Kapal dan Pelabuhan di Bawah Air / Underwater Ship and Harbour Maintenance</b>  |  |
|           | <i>Level 4,5: Not Available</i>  |  |
| <b>L3</b> | <b>M749-003-3:2020</b><br>Operasi Penyelenggaraan Kapal dan Pelabuhan di Bawah Air (Penyelaman Skuba) / <i>Underwater Ship and Harbour Maintenance Operation (Scuba Diving)</i><br>(03-09-2020)              |  |
|           | <i>Level 1,2: No Job Title</i>   |  |
| Area      | <b>Thermal Energy Efficiency Audit</b>   |  |
|           | <i>Level 4,5: Not Available</i>  |  |
| <b>L3</b> | <b>M749-005-3:2020</b><br>Pengukuran Audit Tenaga Termal / <i>Thermal Energy Audit Measurement</i><br>(13-11-2020)   |  |
|           | <i>Level 1,2: No Job Title</i>   |  |



| Area   | <b>Statistics</b>  |
|--|--|
|  | <i>Level 5: No Job Title</i>   |
| <b>L4</b>  | <b>M749-006-4:2021</b><br>Pengurusan Data Statistik / <i>Statistical Data Management</i><br>(23-02-2021)                                       |
| <b>L3</b>  | <i>(Refer NOSS document for general training prerequisite)</i>   |
|  | <i>Level 1,2: No Job Title</i>   |
| Area   | <b>Solar Thermal System</b>  |
| <b>L5</b>  | <b>M749-007-5:2021</b><br>Pengurusan Kejuruteraan Sistem Solar Termal / <i>Solar Thermal System Engineering Management</i><br>(24-06-2021)     |
| <b>L4</b>  | <b>M749-007-4:2021</b><br>Penyelarasan Kejuruteraan Sistem Solar Termal / <i>Solar Thermal System Engineering Coordination</i><br>(24-06-2021) |
| <b>L3</b>  | <b>M749-007-3:2021</b><br>Pemasangan Sistem Solar Termal / <i>Solar Thermal System Installation</i><br>(24-06-2021)                            |
|  | <i>Level 1,2: No Job Title</i>   |
| <b>BAHAGIAN/DIVISION: M75</b><br><b>VETERINARY ACTIVITIES</b>        |  |
| <b>KUMPULAN/GROUP: M750</b><br><b>VETERINARY ACTIVITIES</b>          |  |
| <i>(Please refer general training prerequisite in NOSS document)</i> |  |
| Area   | <b>Perkhidmatan Veterinar / Veterinary Services</b>  |
| <b>L5</b>  | <b>Y-010-5</b><br>Pengurus Veterinar / <i>Veterinary Manager</i><br>(17-04-2003)   |
| <b>L4</b>  | <b>Y-010-4</b><br>Penolong Pengurus Veterinar / <i>Assistant Veterinary Manager</i><br>(17-04-2003)  |
| <b>L3</b>  | <b>Y-010-3</b><br>Pembantu Veterinar / <i>Veterinary Assistant</i><br>(19-07-01)   |
| <b>L2</b>  | <b>Y-010-2</b><br>Pembantu Rendah Veterinar / <i>Junior Veterinary Assistant</i><br>(19-07-01)   |
| <b>L1</b>  | <b>Y-010-1</b><br>Pekerja Veterinar / <i>Veterinary Hands</i><br>(19-07-01)  |

## 21. STANDARD DI BAWAH SEKSYEN EKONOMI MSIC N: AKTIVITI PENTADBIRAN DAN KHIDMAT SOKONGAN

| <b>SECTION N: ADMINISTRATIVE AND SUPPORT SERVICE ACTIVITIES</b> |  |   |
|---|--|---|
| <b>BAHAGIAN/<br/>DIVISION</b>                                   | <b>KUMPULAN/<br/>GROUP</b>   | <b>KETERANGAN/<br/>DESCRIPTION</b>  |
| <b>N77</b>  | <b>RENTAL AND LEASING ACTIVITIES</b>   |   |
|   | <b>N771</b>  | RENTING AND LEASING OF MOTOR VEHICLES   |
|   | <b>N772</b>  | RENTING AND LEASING OF PERSONAL AND HOUSEHOLD GOODS                             |
|   | <b>N773</b>  | RENTING AND LEASING OF OTHER MACHINERY, EQUIPMENT AND TANGIBLE GOODS            |
|   | <b>N774</b>  | LEASING OF INTELLECTUAL PROPERTY AND SIMILAR PRODUCTS, EXCEPT COPYRIGHTED WORKS |
| <b>N78</b>  | <b>EMPLOYMENT ACTIVITIES</b>   |   |
|   | <b>N781</b>  | ACTIVITIES OF EMPLOYMENT PLACEMENT AGENCIES                                     |
|   | <b>N782</b>  | TEMPORARY EMPLOYMENT AGENCY ACTIVITIES  |
|   | <b>N783</b>  | OTHER HUMAN RESOURCES PROVISION   |
| <b>N79</b>  | <b>TRAVEL AGENCY, TOUR OPERATOR, RESERVATION SERVICE AND RELATED ACTIVITIES</b>    |   |
|   | <b>N791</b>  | TRAVEL AGENCY AND TOUR OPERATOR ACTIVITIES                                      |
|   | <b>N799</b>  | OTHER RESERVATION SERVICE AND RELATED ACTIVITIES                                |
| <b>N80</b>  | <b>SECURITY AND INVESTIGATION ACTIVITIES</b>                                       |   |
|   | <b>N801</b>  | PRIVATE SECURITY ACTIVITIES   |
|   | <b>N802</b>  | SECURITY SYSTEMS SERVICE ACTIVITIES   |
|   | <b>N803</b>  | INVESTIGATION ACTIVITIES  |
| <b>N81</b>  | <b>SERVICES TO BUILDINGS AND LANDSCAPE ACTIVITIES</b>                              |   |
|   | <b>N811</b>  | COMBINED FACILITIES SUPPORT ACTIVITIES  |
|   | <b>N812</b>  | CLEANING ACTIVITIES   |
|   | <b>N813</b>  | LANDSCAPE CARE AND MAINTENANCE SERVICE ACTIVITIES                               |
| <b>N82</b>  | <b>OFFICE ADMINISTRATIVE, OFFICE SUPPORT AND OTHER BUSINESS SUPPORT ACTIVITIES</b> |   |
|   | <b>N821</b>  | OFFICE ADMINISTRATIVE AND SUPPORT ACTIVITIES                                    |
|   | <b>N822</b>  | ACTIVITIES OF CALL CENTRES  |
|   | <b>N823</b>  | ORGANIZATION OF CONVENTIONS AND TRADE SHOWS                                     |
|   | <b>N829</b>  | BUSINESS SUPPORT SERVICE ACTIVITIES n.e.c                                       |

| <b>BAHAGIAN/DIVISION: N77<br/>RENTAL AND LEASING ACTIVITIES</b>      |   | <b>KUMPULAN/GROUP: N771<br/>RENTING AND LEASING OF MOTOR VEHICLES</b> |
|--|---|---|
| <i>(Please refer general training prerequisite in NOSS document)</i> |   |   |
| <b>Area</b>  | <b>Platform Kerja Mudah Alih Naik-Turun (Kakitangan Operasi)/Mobile Elevating Work Platform (Operations Personnel)</b>                        |   |
|  | <i>Level 4,5: Not Available</i>   |   |
| <b>L3</b>  | <b>N771-001-3:2016</b><br>Operasi Platform Kerja Mudah Alih Naik-Turun (MEWP) / Mobile Elevating Work Platform (MEWP) Operations (06-12-2016) |   |
|  | <i>Level 1,2: No Job Title</i>  |   |
| <b>Area</b>  | <b>Kereta Sewa / Car Rental</b>   |   |
| <b>L5</b>  | <b>HT-063-5:2014</b><br>Kawalan Operasi Kereta Sewa / Car Rental Operation Control (20-06-97) (02-04-2014)                                    |   |
| <b>L4</b>  | <b>HT-063-4:2014</b><br>Kawalan Operasi Kereta Sewa / Car Rental Operation Control (20-06-97) (02-04-2014)                                    |   |
| <b>L3</b>  | <b>HT-063-3:2013</b><br>Operasi Kereta Sewa / Car Rental Operation (12-04-96) (24-04-2013)  |   |
|  | <i>Level 1,2: No Job Title</i>  |   |

| BAHAGIAN/DIVISION: N78<br>EMPLOYMENT ACTIVITIES   |   | KUMPULAN/GROUP: N781<br>ACTIVITIES OF EMPLOYMENT PLACEMENT AGENCIES  |   |   |
|---|---|--|---|---|
| <i>(Please refer general training prerequisite in NOSS document)</i>                                  |   |  |   |   |
| <b>Area</b>   | <b>Bimbingan Kerjaya / Career Guidance</b>  |  |   |   |
| <b>L5</b>   | <b>N781-001-5:2017</b><br>Pengurusan Bimbingan Kerjaya / <i>Career Guidance Management</i><br>(13-06-2017)  |  |   |   |
| <b>L4</b>   | <b>N781-001-4:2017</b><br>Perkhidmatan Bimbingan Kerjaya / <i>Career Guidance Services</i><br>(13-06-2017)  |  |   |   |
| <i>Level 1,2,3: No Job Title</i>  |   |  |   |   |
| BAHAGIAN/DIVISION: N79<br>TRAVEL AGENCY, TOUR OPERATOR, RESERVATION<br>SERVICE AND RELATED ACTIVITIES |   | KUMPULAN/GROUP: N791<br>TRAVEL AGENCY AND TOUR OPERATOR ACTIVITIES   |   |   |
| <i>(Please refer general training prerequisite in NOSS document)</i>                                  |   |  |   |   |
| <b>Area</b>   | <b>Pengurusan Mutawwif Umrah Dan Ziarah / Mutawwif Umrah And Ziarah Management</b>  |  |   |   |
| <b>L5</b>   | <b>N791-001-5:2016</b><br>Pengurusan Mutawwif Umrah Dan Ziarah / <i>Mutawwif Umrah And Ziarah Management</i><br>(06-12-2016)                      |  |   |   |
| <b>L4</b>   | <b>N791-001-4:2016</b><br>Pengurusan Mutawwif Umrah Dan Ziarah / <i>Mutawwif Umrah And Ziarah Management</i><br>(06-12-2016)                      |  |   |   |
| <b>L3</b>   | <b>N791-001-3:2016</b><br>Bimbingan Umrah Dan Ziarah / <i>Umrah And Ziarah Guidance</i><br>(06-12-2016)   |  |   |   |
| <i>Level 1,2: No Job Title</i>  |   |  |   |   |
| <b>Area</b>   | <b>Pemanduan Pelancongan Pengembaraan – Air / Adventure Tourism Guiding - Water</b>   |  |   |   |
| <i>Level 4,5: Not Available</i>   |   |  |   |   |
| <b>L3</b>   | <b>N791-002-3:2017</b><br>Pemanduan Pelancongan Pengembaraan Berasaskan Air / <i>Water-Based Adventure Tour Guiding</i><br>(28-03-2017)           |  |   |   |
| <i>Level 1,2: No Job Title</i>  |   |  |   |   |
| <b>Area</b>   | <b>Ketua Rombongan Pelancong / Tour Leader</b>  | <b>/ Outbound Tour</b>   |   |   |
| <i>Level 4,5: Not Available</i>   |   | <i>Level 4,5: Not Available</i>  |   |   |
| <b>L3</b>   | <b>HT-024-3</b><br>Ketua Rombongan Pelancong / <i>Tour Leader</i><br>(10-04-95) (23-06-2009)  | <b>N791-006-3:2023</b><br>Operasi Pelancongan Luar Negara / <i>Outbound Tour Operation</i><br>(10-04-95)(23-06-2009)(8-5-2023) |   |   |
| <i>Level 1,2: No Job Title</i>  |   | <i>Level 1,2: No Job Title</i>   |   |   |
| <b>Area</b>   | <b>Pemandu Pelancong / Tourist Guide</b>  |  |   |   |
| <i>Level 4,5: Not Available</i>   |   |  |   |   |
| <b>L3</b>   | <b>N791-004-3:2019</b><br>Pemanduan Alam Semulajadi Setempat / <i>Localised Nature Guiding</i><br>(07-10-99) (25-10-10) (25-09-2014) (30-01-2019) | <b>HT-023-3:2012</b><br>Pemandu Pelancong / <i>Tourist Guide (City Guide)</i><br>(10-04-95) (23-06-2009) (05-04-2012)          | <b>HT-026-3:2013</b><br>Pemandu Pelancong Khas Wilayah / <i>Region Specific Tourist Guide</i><br>(29-07-2013) | <b>HT-027-3:2016</b><br>Land Based Adventure Tour Guiding<br>(04-02-2016) |
| <b>L2</b>   | <b>N791-004-2:2019</b><br>Pemanduan Alam Semulajadi Setempat / <i>Localised Nature Guiding</i><br>(07-10-99) (23-06-2009) (30-01-2019)            | <i>Level 2: No Job Title</i>   |   |   |
| <i>Level 1: No Job Title</i>  |   |  |   |   |

| <b>Area</b>  | <b>Operasi Pengangkutan Dalam Negeri &amp; Darat /<br/>Inbound &amp; Land Transport Operations</b>   | <b>Pengangkutan Pelancongan / Tourism<br/>Transportation</b>   |   |
|--|--|--|---|
|  | <i>Level 4,5: Not Available</i>  |  |   |
| <b>L3</b>  | <b>N791-003-3:2019</b><br>Operasi Pelancongan Dalam Negeri / <i>Inbound Tour<br/>Operations</i><br>(03-07-95) (23-06-2009) (30-01-2019)            | <i>Level 3: Not Available</i>  |   |
|  | <i>Level 2: No Job Title</i>   | <b>HT-061-2</b><br>Pemandu Kenderaan Pelancong / <i>Tour Vehicle Driver</i><br>(03-07-95) (23-06-2009)   |   |
|  | <i>Level 1: No Job Title</i>   | <i>Level 1: No Job Title</i>   |   |
| <b>Area</b>  | <b>Tempahan &amp;<br/>Tiket /<br/>Reservation &amp;<br/>Ticketing</b>  | <b>Operasi Pelancong<br/>Dalam Negeri /<br/>Inbound Tour<br/>Operations</b>                              | <b>Jualan dan Pemasaran<br/>Perkhidmatan Kapal Persiaran /<br/>Cruise Services Sales and Marketing<br/>Operation</b>                                      |
| <b>L5</b>  | <b>HT-101-5:2014</b><br>Pengurusan Perundingan Pelancongan /<br><i>Travel Consultation Management</i><br>(16-12-2014)                              | <b>L-180-5</b><br>Pengurus Jualan<br>(Pengembaraan) / <i>Sales<br/>Manager (Travel)</i><br>(02-04-98)    | <b>HT-080-5</b><br>Pengurus Jualan & Pemasaran-Kapal<br>Persiaran / <i>Sales &amp; Marketing<br/>Manager-Cruise Liner</i><br>(23-06-2009)                 |
| <b>L4</b>  | <b>HT-101-4:2014</b><br>Pentadbiran Perundingan Pelancongan /<br><i>Travel Consultation Administration</i><br>(16-12-2014)                         | <b>L-180-4</b><br>Eksekutif Jualan<br>(Pengembaraan) / <i>Sales<br/>Executive (Travel)</i><br>(02-04-98) | <b>HT-080-4</b><br>Eksekutif Jualan & Pemasaran-Kapal<br>Persiaran / <i>Sales &amp; Marketing<br/>Executive -Cruise Liner</i><br>(23-06-2009)             |
| <b>L3</b>  | <b>HT-101-3:2014</b><br>Perundingan Pelancongan / <i>Travel<br/>Consultation</i><br>(28-04-94) (02-04-98) (23-06-2009) (25-<br>10-10) (02-04-2014) | <i>Level 3: No Job Title</i>   | <b>N791-005-3:2023</b><br>Jualan dan Pemasaran Perkhidmatan<br>Kapal Persiaran / <i>Cruise Services Sales<br/>and Marketing</i><br>(25-09-2014)(8-5-2023) |
|  | <i>Level 1,2: No Job Title</i>   |  |   |
| <b>BAHAGIAN/DIVISION: N80</b><br>SECURITY AND INVESTIGATION ACTIVITIES |  | <b>KUMPULAN/GROUP:</b><br>PRIVATE SECURITY ACTIVITIES  |   |
| <i>(Please refer general training prerequisite in NOSS document)</i>   |  |  |   |
| <b>Area</b>  | <b>Keselamatan Trafik Lebuhraya / Highway Traffic Safety</b>   |  |   |
|  | <i>Level 4,5: Not Available</i>  |  |   |
| <b>L3</b>  | <b>N801-001-3:2017</b><br>Penyeliaan Operasi Keselamatan Trafik Lebuhraya / <i>Highway Traffic Safety Operation Supervision</i><br>(27-11-2017)    |  |   |
| <b>L2</b>  | <b>N801-001-2:2017</b><br>Operasi Keselamatan Trafik Lebuhraya / <i>Highway Traffic Safety Operation</i><br>(27-11-2017)                           |  |   |
|  | <i>Level 1: No Job Title</i>   |  |   |
| <b>Area</b>  | <b>Perkhidmatan Perlindungan Rapat / Close Protection Services</b>   |  |   |
| <b>L5</b>  | <b>N801-002-5:2017</b><br>Pengurusan Perlindungan Rapat / <i>Close Protection Management</i><br>(27-11-2017)                                       |  |   |
| <b>L4</b>  | <b>N801-002-4:2017</b><br>Penyeliaan Perlindungan Rapat / <i>Close Protection Supervision</i><br>(27-11-2017)                                      |  |   |
| <b>L3</b>  | <b>N801-002-3:2017</b><br>Operasi Perlindungan Rapat / <i>Close Protection Operation</i><br>(27-11-2017)   |  |   |
|  | <i>Level 1,2: No Job Title</i>   |  |   |

| <b>Area</b>  | <b>Perkhidmatan Pengawalan &amp; Sekuriti /<br/>Guard &amp; Security Services - Unarmed Guard, Armed Guard, Cash<br/>&amp; Valuable in Transit (CVIT), Bodyguard</b> | <b>Perkhidmatan Penyiasatan /<br/>Investigation Services</b>   |
|--|--|--|
| <b>L5</b>  | <b>DS-010-5:2013</b><br>Pengurusan Operasi Sekuriti / <i>Security Operation Management</i><br>(23-06-2009) (24-04-2013)  | <i>Level 5: Not Available</i>  |
| <b>L4</b>  | <b>DS-010-4:2013</b><br>Pengurusan Operasi Sekuriti / <i>Security Operation Management</i><br>(23-06-2009) (24-04-2013)  | <i>Level 4: Not Available</i>  |
| <b>L3</b>  | <b>DS-010-3:2013</b><br>Penyeliaan Perkhidmatan Sekuriti / <i>Security Services Supervision</i><br>(27-02-2003) (30-12-2003) (24-04-2013)                            | <b>SS-060-3</b><br>Detektif Penyiasatan / <i>Investigation<br/>Detectives</i><br>(30-12-2003)                          |
| <b>L2</b>  | <b>DS-010-2:2013</b><br>Operasi Perkhidmatan Sekuriti / <i>Security Services Operation</i><br>(27-02-2003) (30-12-2003) (24-04-2013)                                 | <b>SS-060-2</b><br>Detektif / <i>Detectives</i><br>(30-12-2003)  |
| <i>Level 1: No Job Title</i>   |  |  |
| <b>BAHAGIAN/DIVISION: N81</b><br><i>SERVICES TO BUILDINGS AND LANDSCAPE<br/>ACTIVITIES</i> |  | <b>KUMPULAN/GROUP: N811</b><br><i>COMBINED FACILITIES SUPPORT ACTIVITIES</i>   |
| <i>(Please refer general training prerequisite in NOSS document)</i>                       |  |  |
| <b>Area</b>  | <b>Operasi &amp; Penyelenggaraan Bangunan / Building<br/>Operation &amp; Maintenance</b>   | <b>Pengurusan Fasiliti / Facilities Management</b>   |
| <b>L5</b>  | <b>N811-001-5:2017</b><br>Pengurusan Operasi Bangunan / <i>Building Operation<br/>Management</i><br>(28-03-2017)   | <b>N811-002-5:2018</b><br>Perancangan Pengurusan Fasiliti / <i>Facilities<br/>Management Planning</i><br>(06-02-2018)  |
| <b>L4</b>  | <b>N811-001-4:2017</b><br>Pengurusan Teknikal Operasi Bangunan / <i>Building<br/>Operation Technical Management</i><br>(28-03-2017)                                  | <b>N811-002-4:2018</b><br>Pemantauan Pengurusan Fasiliti / <i>Facilities<br/>Management Monitoring</i><br>(06-02-2018) |
| <b>L3</b>  | <b>BC-070-3:2014</b><br>Penyeliaan Operasi & Penyelenggaraan Bangunan / <i>Building Operation &amp; Maintenance Supervision</i><br>(03-03-2005) (02-04-2014)         |  |
| <b>L2</b>  | <b>BC-070-2:2014</b><br>Perkhidmatan Operasi & Penyelenggaraan Bangunan / <i>Building Operation &amp; Maintenance Services</i><br>(03-03-2005) (02-04-2014)          |  |
| <b>L1</b>  | <i>Level 1: No Job Title</i>   |  |
| <b>Area</b>  | <b>Perkhidmatan Dobi / Laundry Services</b>  |  |
| <i>Level 4,5: Not Available</i>  |  |  |
| <b>L3</b>  | <b>HT-072-3:2014</b><br>Penyeliaan Perkhidmatan Dobi Runcit & Komersil / <i>Retail &amp; Commercial Laundry Services Supervision</i><br>(25-09-2014)                 |  |
| <b>L2</b>  | <b>HT-072-2:2014</b><br>Perkhidmatan Dobi Runcit & Komersil / <i>Retail &amp; Commercial Laundry Services</i><br>(25-09-2014)  |  |
| <i>Level 1: No Job Title</i>   |  |  |

| <b>Area</b>  | <b>Penyelenggaraan &amp; Pengurusan Fasiliti / Facilities Management &amp; Maintenance</b>  |
|--|---|
| <b>L5</b>  | <b>ME-030-5:2015</b><br>Sistem Pengurusan Bangunan & Pengurusan Tenaga / <i>Building Management System &amp; Energy Management</i><br>(24-11-2015)          |
| <b>L4</b>  | <b>ME-030-4:2015</b><br>Sistem Pengurusan Bangunan & Pengoptimuman Tenaga / <i>Building Management System &amp; Energy Optimisation</i><br>(24-11-2015)     |
| <b>L3</b>  | <b>ME-030-3:2014</b><br>Automasi Umum Bangunan & Operasi Kawalan Tenaga / <i>General Building Automation &amp; Energy Operation Control</i><br>(16-12-2014) |
|  | <i>Level 1,2: No Job Title</i>  |
| <i>Level 1,2: No Job Title</i>   |   |
| <b>BAHAGIAN/DIVISION: N81</b><br><b>SERVICES TO BUILDINGS AND LANDSCAPE ACTIVITIES</b> |   |
| <b>KUMPULAN/GROUP: N812</b><br><b>CLEANING ACTIVITIES</b>                              |   |
| <i>(Please refer general training prerequisite in NOSS document)</i>                   |   |
| <b>Area</b>  | <b>Pembersihan Islam / Islamic Cleaning</b>   |
|  | <i>Level 4,5: Not Available</i>   |
| <b>L3</b>  | <b>HI-011-3:2016</b><br>Perkhidmatan Sertu<br>(04-02-2016)  |
|  | <i>Level 1,2: No Job Title</i>  |
| <i>Level 1,2: No Job Title</i>   |   |
| <b>Area</b>  | <b>Servis Pembersihan - Pembersihan Am / Cleaning Services- General Cleaning</b>  |
| <b>L5</b>  | <b>HT-070-5:2012</b><br>Pengurusan Operasi Hygiene / <i>Hygiene Operation Management</i><br>(18-12-2012)  |
| <b>L4</b>  | <b>HT-070-4:2012</b><br>Pengurusan Operasi Hygiene / <i>Hygiene Operation Management</i><br>(18-12-2012)  |
| <b>L3</b>  | <b>HT-070-3:2014</b><br>Penyelaaan Hygiene / <i>Hygiene Supervision</i><br>(23-06-2009) (25-09-2014)  |
| <b>L2</b>  | <b>HT-070-2:2014</b><br>Operasi Hygiene / <i>Hygiene Operation</i><br>(23-06-2009) (25-09-2014)   |
|  | <i>Level 1: No Job Title</i>  |
| <i>Level 1: No Job Title</i>   |   |

| BAHAGIAN/DIVISION: N81<br>SERVICES TO BUILDINGS AND LANDSCAPE ACTIVITIES |  | KUMPULAN/GROUP: N813<br>LANDSCAPE CARE AND MAINTENANCE SERVICE ACTIVITIES   |                              |
|--|--|---|------------------------------|
| <i>(Please refer general training prerequisite in NOSS document)</i>     |  |   |                              |
| <b>Area</b>  | <b>Aktiviti Perkhidmatan Penjagaan dan Penyelenggaraan Lanskap/Landscape Care And Maintenance Service Activities</b>   |   |                              |
| L5   | <i>Level 5: Not Available</i>  | <b>N813-002-5:2016</b><br>Pengurusan Perancangan Dan Reka Bentuk Taman Permainan / <i>Playground Planning And Design Management</i><br>(06-12-2016) |                              |
| L4   | <i>Level 4: Not Available</i>  | <b>N813-002-4:2016</b><br>Reka Bentuk Taman Permainan / <i>Playground Design</i><br>(06-12-2016)  |                              |
| L3   | <b>N813-001-3:2016</b><br>Penyeliaan Pemasangan & Penyelenggaraan Taman Permainan / <i>Playground Installation &amp; Maintenance Supervision</i><br>(06-12-2016) |   | <i>Level 3: No Job Title</i> |
| L2   | <b>N813-001-2:2016</b><br>Pemasangan & Penyelenggaraan Taman Permainan / <i>Playground Installation &amp; Maintenance</i><br>(06-12-2016)                        |   | <i>Level 2: No Job Title</i> |
| <i>Level 1: No Job Title</i>   |  |   |                              |
| <b>Area</b>  | <b>Pengurusan Golf Course / Golf Course Management - Landscaping</b>   | <b>Pengurusan Golf Course / Golf Course Management - Golf Course Management</b>   |                              |
| <i>Level 4,5: Not Available</i>  |  |   |                              |
| L3   | <b>HT-085-3</b><br><i>Horticulturist</i><br>(05-04-2012)   | <b>HT-084-3</b><br><i>Greenkeeper</i><br>(05-04-2012)   |                              |
| L2   | <b>HT-085-2</b><br><i>Assistant Horticulturist</i><br>(05-04-2012)   | <b>HT-084-2</b><br><i>Assistant Greenkeeper</i><br>(05-04-2012)   |                              |
| L1   | <b>HT-084-1</b><br><i>Groundsman</i><br>(05-04-2012)   |   |                              |
| <b>Area</b>  | <b>Taman / Parks &amp; Garden</b>  |   |                              |
| <i>Level 4,5: Not Available</i>  |  |   |                              |
| L3   | <b>LE-020-3:2011</b><br>Penyeliaan Penyelenggaraan Taman / <i>Garden Maintenance Supervision</i><br>(18-11-11)   |   |                              |
| L2   | <b>LE-020-2:2011</b><br>Operasi Penyelenggaraan Taman / <i>Garden Maintenance Operation</i><br>(18-11-11)  |   |                              |
| L1   | <b>LE-020-1:2011</b><br>Operasi Penyelenggaraan Taman / <i>Garden Maintenance Operation</i><br>(18-11-11)  |   |                              |
| <b>Area</b>  | <b>Pengeluaran &amp; Perkhidmatan Mampan / Sustainable Production &amp; Services</b>   |   |                              |
| L5   | <b>LE-039-5:2014</b><br>Pengurusan Kemampanan / <i>Sustainability Management</i><br>(16-12-2014)   |   |                              |
| L4   | <b>LE-039-4:2014</b><br>Pengurusan Kemampanan / <i>Sustainability Management</i><br>(16-12-2014)   |   |                              |
| L3   | <b>LE-039-3:2014</b><br>Operasi Kemampanan / <i>Sustainability Operation</i><br>(16-12-2014)   |   |                              |
| <i>Level 1,2: No Job Title</i>   |  |   |                              |

| <b>Area</b>   |  | <b>Arborikultur / Arboriculture</b>  |  |                              |
|---|--|--|--|------------------------------|
| <b>L5</b>   | <b>N813-003-5:2019</b><br>Pengurusan dan Operasi Arborikultur / <i>Arboriculture Operations and Management</i><br>(25-04-2019)               |  |  |                              |
| <b>L4</b>   | <b>N813-003-4:2019</b><br>Operasi Arborikultur / <i>Arboriculture Operations</i><br>(25-04-2019)   |  |  |                              |
| <b>L3</b>   | <b>F439-002-3:2017</b><br>Penyeliaan Pembinaan Lanskap / <i>Landscape Construction Supervision</i><br>(19-06-2003) (25-10-2010)(28-03-2017)  |  |  |                              |
| <b>L2</b>   | <b>F439-002-2:2017</b><br>Pembinaan Lanskap / <i>Landscape Construction</i><br>(19-06-2003) (25-10-2010) (28-03-2017)                        |  |  |                              |
| <b>Level 1: No Job Title</b>  |  |  |  |                              |
| <b>BAHAGIAN/DIVISION: N82</b><br><i>OFFICE ADMINISTRATIVE, OFFICE SUPPORT AND OTHER BUSINESS SUPPORT ACTIVITIES</i> |  |  | <b>KUMPULAN/GROUP: N821</b><br><i>OFFICE ADMINISTRATIVE AND SUPPORT ACTIVITIES</i>   |                              |
| <i>(Please refer general training prerequisite in NOSS document)</i>  |  |  |  |                              |
| <b>Area</b>   | <b>Pengurusan Sistem Maklumat / Information System Management</b>  | <b>Pentadbir Elektronik / E-Administrator</b>  | <b>Sekretari Guaman / Legal Secretary</b>  | <b>Sekretari / Secretary</b> |
| <b>L5</b>   | <b>FB-081-5:2012</b><br>Pengurusan Sistem Maklumat / <i>Information Systems Management</i><br>(07-10-99) (18-12-2012)                        | <b>FB-025-5:2012</b><br>Pengurusan Pentadbiran / <i>Administrative Management</i><br>(18-12-2012)          |  |                              |
| <b>L4</b>   | <b>FB-081-4:2012</b><br>Pentadbiran Sistem Maklumat / <i>Information Systems Administration</i><br>(07-10-99) (18-12-2012)                   | <b>FB-025-4:2012</b><br>Pengurusan Pentadbiran / <i>Administrative Management</i><br>(18-12-2012)          |  |                              |
| <b>L3</b>   | <b>N821-001-3:2020</b><br>Pentadbiran Pejabat / <i>Office Administration</i><br>(07-10-99) (18-11-08) (28-02-2002) (18-12-2012) (03-09-2020) |  | <b>FB-025-3:2012</b><br>Setiausaha Korporat Eksekutif / <i>Executive Secretaryship</i><br>(28-02-2002) (18-07-2002) (18-12-2012) |                              |
| <b>Level 1,2: No Job Title</b>  |  |  |  |                              |
| <b>BAHAGIAN/DIVISION: N82</b><br><i>OFFICE ADMINISTRATIVE, OFFICE SUPPORT AND OTHER BUSINESS SUPPORT ACTIVITIES</i> |  |  | <b>KUMPULAN/GROUP: N823</b><br><i>ORGANIZATION OF CONVENTIONS AND TRADE SHOWS</i>  |                              |
| <i>(Please refer general training prerequisite in NOSS document)</i>  |  |  |  |                              |
| <b>Area</b>   | <b>Operasi Konvensyen / Convention Operations</b>  | <b>Pengurusan Acara / Event Management</b>   |  |                              |
| <b>L5</b>   | <b>HT-200-5:2016</b><br>Pengurusan Pameran / <i>Exhibition Management</i><br>(24-05-2016)  | <b>HT-201-5:2012</b><br>Pengurusan Acara / <i>Event Management</i><br>(18-12-2012)                         |  |                              |
| <b>L4</b>   | <b>HT-200-4:2016</b><br>Koordinasi Pameran / <i>Exhibition Coordination</i><br>(24-05-2016)  | <b>HT-201-4:2012</b><br>Pengurusan Acara / <i>Event Management</i><br>(18-12-2012)                         |  |                              |
| <b>L3</b>   | <b>HT-200-3:2014</b><br>Perkhidmatan Hubungan Penganjuran MICE / <i>MICE Hosting Service Liaison</i><br>(25-10-10) (16-12-2014)              | <b>HT-201-3:2012</b><br>Koordinasi Pengurusan Acara / <i>Event Management Coordination</i><br>(18-12-2012) |  |                              |
| <b>Level 1,2: No Job Title</b>  |  |  |  |                              |



| <b>BAHAGIAN/DIVISION: N82</b><br><i>OFFICE ADMINISTRATIVE, OFFICE SUPPORT AND OTHER BUSINESS SUPPORT ACTIVITIES</i> |  | <b>KUMPULAN/GROUP: N829</b><br><i>BUSINESS SUPPORT SERVICE ACTIVITIES n.e.c</i>                 |
|---|--|---|
| <i>(Please refer general training prerequisite in NOSS document)</i>  |  |   |
| <i>Area</i>   | <b>Bisnes Pengusahawanan Kecil &amp; Sederhana / Small &amp; Medium Entrepreneur Business</b>  | <b>Pengurusan &amp; Pentadbiran Industri / Industrial Administration &amp; Management</b>       |
| <b>L5</b>   | <b>FB-022-5:2012</b><br>Pengurusan Keusahawanan Sederhana / <i>Medium Entrepreneurship Management</i><br>(18-12-2012)                    | <b>FB-023-5:2012</b><br>Pengurusan Industri / <i>Industrial Management</i><br>(18-12-2012)      |
| <b>L4</b>   | <b>FB-022-4:2012</b><br>Pengurusan Keusahawanan Kecil & Sederhana / <i>Micro &amp; Small Entrepreneurship Management</i><br>(18-12-2012) | <b>FB-023-4:2012</b><br>Pengurusan Industri / <i>Industrial Management</i><br>(18-12-2012)      |
| <b>L3</b>   | <i>Level 3: No Job Title</i>   | <b>FB-023-3:2012</b><br>Pentadbiran Industri / <i>Industrial Administration</i><br>(18-12-2012) |
|   | <i>Level 1,2: No Job Title</i>   | <i>Level 1,2: No Job Title</i>  |

## 22. STANDARD DI BAWAH SEKSYEN EKONOMI MSIC O: PENTADBIRAN AWAM DAN PERTAHANAN; AKTIVITI KESELAMATAN SOSIAL WAJIB

| <b>SECTION O: PUBLIC ADMINISTRATION AND DEFENCE; COMPULSORY SOCIAL SECURITY</b> |  |   |
|---|--|---|
| <b>BAHAGIAN/<br/>DIVISION</b>   | <b>BAHAGIAN/<br/>DIVISION</b>  | <b>BAHAGIAN/<br/>DIVISION</b>   |
| <b>084</b>  | <b>PUBLIC ADMINISTRATION AND DEFENCE; COMPULSORY SOCIAL SECURITY</b> |   |
|   | <b>0841</b>  | ADMINISTRATION OF THE STATE AND THE ECONOMIC AND SOCIAL POLICY OF THE COMMUNITY |
|   | <b>0842</b>  | PROVISION OF SERVICES OF THE COMMUNITY AS A WHOLE                               |
|   | <b>0843</b>  | COMPULSORY SOCIAL SECURITY ACTIVITIES   |

| <b>BAHAGIAN/DIVISION: 084<br/>PUBLIC ADMINISTRATION AND DEFENCE; COMPULSORY<br/>SOCIAL SECURITY</b> |   | <b>KUMPULAN/GROUP: 0841<br/>ADMINISTRATION OF THE STATE AND THE ECONOMIC AND<br/>SOCIAL POLICY OF THE COMMUNITY</b> |
|---|---|---|
| <i>(Please refer general training prerequisite in NOSS document)</i>                                |   |   |
| <b>Area</b>   | <b>Telekomunikasi (Elektronik) / Telecommunication (Electronic)</b>   |   |
| <b>L5</b>   | <b>EE-030-5</b><br>Pegawai Kanan Telekomunikasi (Teknikal) / <i>Telecommunication Senior Officer (Technical)</i><br>(24-03-09)  |   |
| <b>L4</b>   | <b>EE-030-4</b><br>Pegawai Telekomunikasi (Teknikal) / <i>Telecommunication Officer (Technical)</i><br>(24-03-09)   |   |
| <b>L3</b>   | <b>0841-001-3:2016</b><br>Penyeliaan Pemasangan Dan Penyelenggaraan Telekomunikasi Strategik Dan Tektikal / <i>Strategic And Tactical<br/>Telecommunication Installation And Maintenance Supervision</i><br>(06-12-2016) (08-01-2008) |   |
| <b>L2</b>   | <b>0841-001-2:2016</b><br>Pemasangan Dan Penyelenggaraan Telekomunikasi Strategik Dan Tektikal / <i>Strategic And Tactical<br/>Telecommunication Installation And Maintenance</i><br>(06-12-2016) (08-01-2008)                        |   |
|   | <i>Level 1: No Job Title</i>  |   |
| <b>Area</b>   | <b>Telekomunikasi (Sekuriti) / Telecommunication (Security)</b>   |   |
| <b>L5</b>   | <b>EE-031-5</b><br>Pegawai Kanan Telekomunikasi (Operasi) / <i>Telecommunication Senior Officer (Operation)</i><br>(24-03-09)   |   |
| <b>L4</b>   | <b>EE-031-4</b><br>Pegawai Telekomunikasi (Operasi) / <i>Telecommunication Officer (Operation)</i><br>(24-03-09)  |   |
| <b>L3</b>   | <b>0841-002-3:2017</b><br>Penyeliaan Telekomunikasi Strategik Dan Taktikal / <i>Strategic And Tactical Telecommunication Supervision</i><br>(24-03-09) (28-03-2017)   |   |
| <b>L2</b>   | <b>0841-002-2:2017</b><br>Operasi Telekomunikasi Strategik Dan Taktikal / <i>Strategic And Tactical Telecommunication Operation</i><br>(24-03-09) (28-03-2017)  |   |
| <b>L1</b>   | <i>Level 1: No Job Title</i>  |   |

| <b>Area</b> | <b>Pengurusan dan Pengimarahhan Masjid</b>   |
|-------------|--|
| <b>L5</b>   | <b>0841-003-5:2022</b><br>Pengurusan Masjid / <i>Mosque Management</i><br>(06-12-2016) (21-4-2022)   |
| <b>L4</b>   | <b>0841-003-4:2022</b><br>Pentadbiran Masjid / <i>Mosque Administration</i><br>(06-12-2016) (21-4-2022)                                      |
| <b>L3</b>   | <b>0841-003-3:2022</b><br>Penyeliaan Operasi Masjid / <i>Mosque Operation Supervision</i><br>(31-03-2015) (21-4-2022)                        |
| <b>L2</b>   | <b>0841-003-2:2022</b><br>Penyelarasan Operasi Masjid / <i>Mosque Operation Coordination</i><br>(31-03-2015) (21-4-2022)                     |
| <b>L1</b>   | <b>0841-003-1:2022</b><br>Pengoperasian Masjid / <i>Mosque Operation</i><br>(31-03-2015) (21-4-2022)   |
|             |  |
| <b>Area</b> | <b>Tenaga Kerja, Perhubungan Perusahaan, dan Hal Ehwal Kesatuan Sekerja</b>  |
| <b>L5</b>   | <b>0841-004-5:2023</b><br>Pengurusan Penguatkuasaan Aktiviti Perburuhan / <i>Labour Enforcement Activities Management</i><br>(8-5-2023)      |
| <b>L4</b>   | <b>0841-004-4:2023</b><br>Pentadbiran Penguatkuasaan Aktiviti Perburuhan / <i>Labour Enforcement Activities Administration</i><br>(8-5-2023) |
|             | <i>Level 1,2,3: No Job Title</i>   |
|             |  |
| <b>Area</b> | <b>Pengurusan Sumber Manusia / Human Resources Management</b>  |
| <b>L5</b>   | <b>FB-017-5</b><br>Pengurus Desa Daerah / <i>Rural District Manager</i><br>(17-07-2012)  |
| <b>L4</b>   | <b>FB-017-4</b><br>Pengurus Desa Mukim / <i>Rural Country/ Residence Manager</i><br>(17-07-2012)   |
| <b>L3</b>   | <b>FB-017-3:2015</b><br>Pengurusan Desa / <i>Rural Management</i><br>(17-07-2012) (24-11-2015)   |
|             | <i>Level 1,2: No Job Title</i>   |
|             |  |

| <b>BAHAGIAN/DIVISION: 084</b><br><i>PUBLIC ADMINISTRATION AND DEFENCE; COMPULSORY SOCIAL SECURITY</i> |  | <b>KUMPULAN/GROUP: 0842</b><br><i>PROVISION OF SERVICES OF THE COMMUNITY AS A WHOLE</i> |  |
|---|--|---|--|
|   |  |   |  |
| <b>Area</b>   | <b>Perkhidmatan Kejurulatihan / Coaching Services</b>  |   |  |
| <b>L5</b>   | <b>0842-001-5:2017</b><br>Pengurusan Kejurulatihan Bina Insan Negara / <i>National Human Development Coaching Management</i><br>(13-06-2017) |   |  |
| <b>L4</b>   | <b>0842-001-4:2017</b><br>Kejurulatihan Bina Insan Negara / <i>National Human Development Coaching</i><br>(13-06-2017)                       |   |  |
|   | <i>Level 1,2,3: No Job Title</i>   |   |  |
|   |  |   |  |

|             |   |
|-------------|---|
| <b>Area</b> | <b>Kejurulatihan Senjata Api / Firearm Instructing</b>  |
|             | <i>Level 4,5: Not Available</i>   |
| <b>L3</b>   | <b>0842-005-3:2019</b><br>Kejurulatihan Taktikal Senjata Api / <i>Tactical Firearm Instructing</i><br>(10-12-10) (07-08-2019)               |
| <b>L2</b>   | <b>0842-005-2:2019</b><br>Kejurulatihan Senjata Api / <i>Firearm Instructing</i><br>(10-12-10) (07-08-2019)                                 |
| <b>L1</b>   | <i>Level 1: No Job Title</i>  |
| <b>Area</b> | <b>Perkhidmatan Polis</b>   |
| <b>L5</b>   | <b>0842-006-5:2020</b><br>Pengurusan Operasi Daerah (Kepolisian) / <i>District Operation Management (Policing)</i><br>(13-11-2020)          |
| <b>L4</b>   | <b>0842-006-4:2020</b><br>Pengurusan Operasi Bahagian (Kepolisian) / <i>Division District Management (Policing)</i><br>(13-11-2020)         |
|             | <i>Level 1,2,3: No Job Title</i>  |
| <b>Area</b> | <b>Correctional Services</b>  |
| <b>L5</b>   | <b>0842-007-5:2020</b><br>Pengurusan Koreksional Sosial / <i>Social Correctional Management</i><br>(13-11-2020)                             |
| <b>L4</b>   | <b>0842-007-4:2020</b><br>Penyelarasan Koreksional Sosial / <i>Social Correctional Coordination</i><br>(13-11-2020)                         |
| <b>L3</b>   | <i>(Refer NOSS document for general training prerequisite)</i>  |
|             | <i>Level 1,2: No Job Title</i>  |
| <b>Area</b> | <b>Keselamatan Pelabuhan / Port Security</b>  |
| <b>L5</b>   | <b>DS-012-5:2015</b><br>Pengurusan Keselamatan Pelabuhan / <i>Seaport Security Management</i><br>(01-10-09) (31-03-2015)                    |
| <b>L4</b>   | <b>DS-012-4:2015</b><br>Kawalan Keselamatan Pelabuhan / <i>Seaport Security Control</i><br>(01-10-09) (31-03-2015)                          |
| <b>L3</b>   | <b>DS-012-3:2015</b><br>Pengawasan Keselamatan Pelabuhan / <i>Seaport Security Surveillance</i><br>(01-10-09) (31-03-2015)                  |
|             | <i>Level 1,2: No Job Title</i>  |
| <b>Area</b> | <b>Stesen Pemantauan Berpusat / Central Monitoring Station (CMS)</b>  |
|             | <i>Level 4,5: Not Available</i>   |
| <b>L3</b>   | <b>DS-013-3:2015</b><br>Operasi Stesen Pemantauan Berpusat / <i>Central Monitoring Station (CMS) Operation</i><br>(30-12-2003) (31-03-2015) |
|             | <i>Level 1,2: No Job Title</i>  |

| Area  | Unit Anjing Pengesan / Dog Unit  |
|---|--|
| L5  | <b>DS-010-5:2013</b><br>Pengurusan Operasi Sekuriti / <i>Security Operation Management</i><br>(23-06-2009) (24-04-2013)                            |
| L4  | <b>DS-010-4:2013</b><br>Pengurusan Operasi Sekuriti / <i>Security Operation Management</i><br>(23-06-2009) (24-04-2013)                            |
| L3  | <b>SS-030-3</b><br>Penyelia Keselamatan Unit Anjing (K9) / <i>Dog Unit Security Supervisor (K9)</i><br>(30-12-2003)                                |
| L2  | <b>SS-030-2</b><br>Pegawai Keselamatan Unit Anjing (K9) / <i>Dog Unit Security Officer (K9)</i><br>(30-12-2003)                                    |
| L1  | <b>SS-010-1</b><br>Pembantu Keselamatan / <i>Security Assistant</i><br>(27-02-2003)  |
| Area  |  |
| Pengurusan Insiden / <i>Incident Management - Incident Command System (ICS)</i> |  |
|   | <i>Level 4,5: Not Available</i>  |
| L3  | <b>0842-002-3:2018</b><br>Kawalan Operasi Pengurusan Insiden / <i>Incident Management Operation Control</i><br>(08-10-2018)                        |
| L2  | <b>0842-002-2:2018</b><br>Operasi Pengurusan Insiden / <i>Incident Management Operation</i><br>(08-10-2018)  |
|   | <i>Level 1: No Job Title</i>   |
| Area  |  |
| Seaman  |  |
|   | <i>Level 4,5: Not Available</i>  |
| L3  | <b>0842-003-3:2019</b><br>Operasi Radar Plotting / <i>Radar Plotting Operation (Maritime Navigation)</i><br>(07-08-2019)                           |
|   | <i>Level 1,2: No Job Title</i>   |
| Area  |  |
| Fixed Wing  |  |
| L5  | <b>0842-008-5:2022</b><br>Operasi Penerbangan Sayap Kaku / <i>Fixed Wing Flight Operation</i><br>(21-4-2022)                                       |
|   | <i>Level 1,2,3,4: No Job Title</i>   |
| Area  |  |
| Helicopter Flying   |  |
| L5  | <b>0842-009-5:2022</b><br>Operasi Penerbangan Helikopter / <i>Helicopter Flight Operation</i><br>(21-4-2022)                                       |
|   | <i>Level 1,2,3,4: No Job Title</i>   |
| Area  |  |
| Flight Navigation-Weapon Sensor Operation                                       |  |
| L5  | <b>0842-010-5:2022</b><br>Navigasi Penerbangan / <i>Aviation Navigation</i><br>(21-4-2022)   |
|   | <i>Level 1,2,3,4: No Job Title</i>   |
| Area  |  |
| Aircraft Operation  |  |
| L5  | <b>0842-011-5:2022</b><br>Pengoperasian Sistem Pesawat di Darat dan Udara / <i>Aircraft on Ground and Inflight System Operation</i><br>(21-4-2022) |
|   | <i>Level 1,2,3,4: No Job Title</i>   |

| Area      | <i>Helicopter Air Quartermaster</i>   | <i>Transport Air Quartermaster</i> |
|-----------|---|------------------------------------|
|           | <i>Level 4,5: Not Available</i>   |                                    |
| <b>L3</b> | <b>0842-012-3:2022</b><br>Operasi Quartermaster Udara<br><i>Air Quartermaster Operation</i><br>(21-4-2022)  |                                    |
|           | <i>Level 1,2: No Job Title</i>  |                                    |
| Area      | <i>Airspace Surveillance</i>  |                                    |
|           | <i>Level 4,5: Not Available</i>   |                                    |
| <b>L3</b> | <b>0842-013-3:2022</b><br>Penyeliaan Pengawasan Ruang Udara / <i>Airspace Surveillance Supervision</i><br>(21-4-2022)   |                                    |
| <b>L2</b> | <b>0842-013-2:2022</b><br>Operasi Pengawasan Ruang Udara / <i>Airspace Surveillance Operation</i><br>(21-4-2022)  |                                    |
|           | <i>Level 1: No Job Title</i>  |                                    |
| Area      | <i>Air Traffic Control - Air Operation Room (AOR), Flight Planning Office (FPO), Communication and Information Operation (CIO), Flying Squadron Operation (FSO)</i> |                                    |
|           | <i>Level 4,5: Not Available</i>   |                                    |
| <b>L3</b> | <b>0842-014-3:2022</b><br>Operasi Kawalan Trafik Udara / <i>Air Traffic Control Operation</i><br>(21-4-2022)  |                                    |
|           | <i>Level 1,2: No Job Title</i>  |                                    |

## 23. STANDARD DI BAWAH SEKSYEN EKONOMI MSIC P: PENDIDIKAN

| <b>SECTION P: EDUCATION</b>   |                            |  |
|-------------------------------|----------------------------|--|
| <b>BAHAGIAN/<br/>DIVISION</b> | <b>KUMPULAN/<br/>GROUP</b> | <b>KETERANGAN/<br/>DESCRIPTION</b>       |
| <b>P85</b>                    | <b>EDUCATION</b>           |  |
|                               | <b>P851</b>                | <i>PRE-PRIMARY AND PRIMARY EDUCATION</i> |
|                               | <b>P852</b>                | <i>SECONDARY EDUCATION</i>               |
|                               | <b>P853</b>                | <i>HIGHER EDUCATION</i>                  |
|                               | <b>P854</b>                | <i>OTHER EDUCATION</i>                   |
|                               | <b>P855</b>                | <i>EDUCATIONAL SUPPORT ACTIVITIES</i>    |

| <b>BAHAGIAN/DIVISION: P85<br/>EDUCATION</b> |   | <b>KUMPULAN/GROUP: P853<br/>HIGHER EDUCATION</b> |
|---|---|--|
| <b>Area</b>                                 | <b>Awam &amp; Swasta /Public &amp; Private</b>  |  |
| <b>L5</b>                                   | <b>P853-001-5:2017</b><br>Pelaksanaan & Pembangunan TVET / <i>TVET Implementation &amp; Development</i><br>(28-03-2017)<br><i>Level 1,2,3,4: No Job Title</i> |  |
| <b>Area</b>                                 | <b>Technical &amp; Vocational Education &amp; Training (TVET)</b>   |  |
| <b>L5</b>                                   | <b>P853-002-5:2021</b><br>Pengurusan TVET / <i>TVET Management</i><br>(25-10-96) (24-06-04) (02-04-2014) (24-06-2021)   |  |
| <b>L4</b>                                   | <b>P853-002-4:2021</b><br>Pengajaran TVET / <i>TVET Instruction</i><br>(25-10-96) (24-06-04) (02-04-2014) (24-06-2021)<br><i>Level 1,2,3: No Job Title</i>    |  |

| <b>BAHAGIAN/DIVISION: P85<br/>EDUCATION</b> |  | <b>KUMPULAN/GROUP: P854<br/>OTHER EDUCATION</b>  |
|---|--|--|
| <b>Area</b>                                 | <b>Lain-lain Pendidikan/Others Education</b>   |  |
| <b>L5</b>                                   | <b>P854-001-5:2017</b><br>Pengurusan Tahfiz / <i>Tahfiz Management</i><br>(27-11-2017) | <b>P854-002-5:2017</b><br>Pengajaran Tahfiz / <i>Tahfiz Teaching</i><br>(27-11-2017)                                   |
| <b>L4</b>                                   | <b>P854-001-4:2017</b><br>Pengurusan Tahfiz / <i>Tahfiz Management</i><br>(27-11-2017) | <b>P854-002-4:2017</b><br>Pengajaran Tahfiz / <i>Tahfiz Teaching</i><br>(27-11-2017)                                   |
| <b>L3</b>                                   | <b>P854-001-3:2016</b><br>Pengurusan Tahfiz / <i>Tahfiz Management</i><br>(06-12-2016) | <b>P854-002-3:2016</b><br>Pengajaran Tahfiz / <i>Tahfiz Teaching</i><br>(06-12-2016)<br><i>Level 1,2: No Job Title</i> |

|             |   |  |
|-------------|---|--|
| <b>Area</b> | <b>Latihan Dan Penilaian Pemanduan Kenderaan Institusi Memandu</b>  |  |
|             | <i>Level 4,5: Not Available</i>   |  |
| <b>L3</b>   | <b>P854-004-3:2016</b><br>Penyeliaan Operasi Latihan Pemanduan / <i>Driving Instruction Operation Supervision</i><br>(06-12-2016) |  |
| <b>L2</b>   | <b>P854-004-2:2016</b><br>Pengajaran Pemanduan Motokar / <i>Automobile Driving Instruction</i><br>(06-12-2016)                    | <b>P854-005-2:2016</b><br>Pengajaran Penunggang Motosikal / <i>Motorcycle Riding Instruction</i><br>(06-12-2016)<br><i>Level 1: No Job Title</i> |

| <b>Area</b>                                 | <b>Pengajaran Al-Quran Braille / Al-Quran Braille Teaching</b>                                  |   | <b>Pengajaran Tarannum / Tarannum Teaching</b>  |
|---|---|---|---|
| <b>L5</b>                                   | P854-006-5:2017<br>Pengajaran Al-Quran Braille / Al-Quran Braille Teaching<br>(27-11-2017)      |   | P854-007-5:2017<br>Pengajaran Tarannum / Tarannum Teaching<br>(27-11-2017)            |
| <b>L4</b>                                   | P854-006-4:2017<br>Pengajaran Al-Quran Braille / Al-Quran Braille Teaching<br>(27-11-2017)      |   | P854-007-4:2017<br>Pengajaran Tarannum / Tarannum Teaching<br>(27-11-2017)            |
| <b>L3</b>                                   | P854-006-3:2017<br>Pengajaran Al-Quran Braille / Al-Quran Braille Teaching<br>(27-11-2017)      |   | P854-007-3:2017<br>Pengajaran Tarannum / Tarannum Teaching<br>(27-11-2017)            |
| <i>Level 1,2: No Job Title</i>              |   |   |   |
| <b>Area</b>                                 | <b>Kejurulatihan Sukan / Sports Coaching</b>  | <b>Pendidikan Awal Kanak-kanak / Early Childhood Education</b>  | <b>Latihan Seni Pertahan Diri / Martial Arts Training</b>                             |
| <b>L5</b>                                   | <i>Level 5: Not Available</i>   | <i>Level 5: Not Available</i>   | ET-015-5:2013<br>Pengurusan Seni Beladiri / Martial Arts Management<br>(29-07-2013)   |
| <b>L4</b>                                   | <i>Level 4: Not Available</i>   | P854-009-4:2020<br>Pentadbiran Pengajaran dan Pendidikan Prasekolah / Preschool Teaching and Education Administration<br>(03-09-2020) | ET-015-4:2013<br>Koordinasi Seni Beladiri / Martial Arts Coordination<br>(29-07-2013) |
| <b>L3</b>                                   | ET-011-3:2012<br>Kejurulatihan Sukan / Sports Coaching<br>(18-12-2012)                          | ET-012-3:2012<br>Pendidikan PraSekolah / Preschool Teaching<br>(18-12-2012)   | ET-015-3:2013<br>Latihan Seni Beladiri / Martial Arts Training<br>(29-07-2013)        |
| <i>Level 1,2: No Job Title</i>              |   |   |   |
| <b>Area</b>                                 | <b>Pusat Pengajaran Muzik / Music Teaching Centre</b>   |   |   |
| <i>Level 4,5: Not Available</i>             |   |   |   |
| <b>L3</b>                                   | P854-008-3:2019<br>Pengajaran Muzik / Music Teaching<br>(30-01-2019)                            |   |   |
| <i>Level 1,2: No Job Title</i>              |   |   |   |
| <b>BAHAGIAN/DIVISION: P85<br/>EDUCATION</b> |   | <b>KUMPULAN/GROUP: P855<br/>EDUCATIONAL SUPPORT ACTIVITIES</b>  |   |
| <b>Area</b>                                 | <b>Latihan Dan Penilaian Pemanduan Kenderaan Institusi Memandu /</b>                            |   |   |
| <i>Level 4,5: Not Available</i>             |   |   |   |
| <b>L3</b>                                   | P855-001-3:2016<br>Penyeliaan Pengujian Pemanduan / Driving Testing Supervision<br>(06-12-2016) |   |   |
| <b>L2</b>                                   | P855-001-2:2016<br>Pengujian Pemanduan / Driving Testing<br>(06-12-2016)                        |   |   |
| <i>Level 1: No Job Title</i>                |   |   |   |



| <b>Area</b> | <b>Perkhidmatan Pusat Kecergasan / Fitness Centre Services</b>   |
|-------------|--|
| <b>L5</b>   | <b>ET-014-5:2016</b><br>Pengurusan Operasi Pusat Kecergasan / <i>Fitness Centre Operation Management</i><br>(24-05-2016) |
| <b>L4</b>   | <b>ET-014-4:2016</b><br>Pengurusan Operasi Pusat Kecergasan / <i>Fitness Centre Operation Management</i><br>(24-05-2016) |
| <b>L3</b>   | <b>ET-014-3:2013</b><br>Perkhidmatan Pusat Kecergasan / <i>Health &amp; Fitness Centre Services</i><br>(29-07-2013)      |
|             | <i>Level 1,2: No Job Title</i>   |
| <b>Area</b> | <b>Perkhidmatan Dakwah / Dakwah Services</b>   |
|             | <i>Level 4,5: Not Available</i>  |
| <b>L3</b>   | <b>ET-016-3:2013</b><br>Perkhidmatan Masyarakat Orang Asli<br>(29-07-2013)   |
| <b>L2</b>   | <b>ET-016-2:2013</b><br>Perkhidmatan Masyarakat Orang Asli<br>(29-07-2013)   |
| <b>L1</b>   | <b>ET-016-1:2013</b><br>Perkhidmatan Masyarakat Orang Asli<br>(29-07-2013)   |

**24. STANDARD DI BAWAH SEKSYEN EKONOMI MSIC Q: AKTIVITI KESIHATAN KEMANUSIAAN DAN KERJA SOSIAL**

| <b>SECTION Q: HUMAN HEALTH AND SOCIAL WORK ACTIVITIES</b> |   |  |
|---|---|--|
| <b>BAHAGIAN/<br/>DIVISION</b>                             | <b>KUMPULAN/<br/>GROUP</b>                          | <b>KETERANGAN/<br/>DESCRIPTION</b>   |
| <b>Q86</b>  | <b>HUMAN HEALTH ACTIVITIES</b>                      |  |
|   | <b>Q861</b>   | <i>HOSPITAL ACTIVITIES</i>   |
|   | <b>Q862</b>   | <i>MEDICAL AND DENTAL PRACTICE ACTIVITIES</i>  |
|   | <b>Q869</b>   | <i>OTHER HUMAN HEALTH ACTIVITIES</i>   |
| <b>Q87</b>  | <b>RESIDENTIAL CARE ACTIVITIES</b>                  |  |
|   | <b>Q871</b>   | <i>RESIDENTIAL NURSING CARE FACILITIES</i>   |
|   | <b>Q872</b>   | <i>RESIDENTIAL CARE ACTIVITIES FOR MENTAL RETARDATION, MENTAL HEALTH AND SUBSTANCE ABUSE</i> |
|   | <b>Q873</b>   | <i>RESIDENTIAL CARE ACTIVITIES FOR THE ELDERLY AND DISABLED</i>                              |
|   | <b>Q879</b>   | <i>OTHER RESIDENTIAL CARE ACTIVITIES</i>   |
| <b>Q88</b>  | <b>SOCIAL WORK ACTIVITIES WITHOUT ACCOMMODATION</b> |  |
|   | <b>Q881</b>   | <i>SOCIAL WORK ACTIVITIES WITHOUT ACCOMMODATION FOR THE ELDERLY AND DISABLE</i>              |
|   | <b>Q889</b>   | <i>OTHER SOCIAL WORK ACTIVITIES WITHOUT ACCOMMODATION n.e.c</i>                              |

| <b>BAHAGIAN/DIVISION: Q86<br/>HUMAN HEALTH ACTIVITIES</b>            |  | <b>KUMPULAN/GROUP: Q861<br/>HOSPITAL ACTIVITIES</b> |
|--|--|---|
| <i>(Please refer general training prerequisite in NOSS document)</i> |  |   |
| <b>Area</b>  | <b>Perkhidmatan Pusat Kecergasan / Fitness Centre Services</b>   |   |
| <b>L5</b>  | <b>ET-014-5:2016</b><br>Pengurusan Operasi Pusat Kecergasan / <i>Fitness Centre Operation Management</i><br>(24-05-2016)   |   |
| <b>L4</b>  | <b>ET-014-4:2016</b><br>Pengurusan Operasi Pusat Kecergasan / <i>Fitness Centre Operation Management</i><br>(24-05-2016)   |   |
| <b>L3</b>  | <b>Q861-001-3:2016</b><br>Perkhidmatan Kecergasan dan Senaman Bagi Orang Kurang Upaya (PWD) / <i>Fitness and Exercise Services for Persons with Disabilities (PWD)</i><br>(06-12-2016) |   |
|  | <i>Level 1,2: No Job Title</i>   |   |
| <b>Area</b>  | <b>Perkhidmatan Dobi Penjagaan Kesihatan / Healthcare Laundry Services</b>   |   |
| <b>L5</b>  | <b>HT-054-5:2016</b><br>Pengurusan Operasi Loji Dobi Penjagaan Kesihatan / <i>Healthcare Laundry Plant Operation Management</i><br>(04-02-2016)  |   |
| <b>L4</b>  | <b>HT-054-4:2016</b><br>Pentadbiran Operasi Loji Dobi Penjagaan Kesihatan / <i>Healthcare Laundry Plant Operation Administration</i><br>(04-02-2016)                                   |   |
| <b>L3</b>  | <b>HT-054-3:2016</b><br>Penyeliaan Operasi Dobi Penjagaan Kesihatan / <i>Healthcare Laundry Operation Supervision</i><br>(04-02-2016)  |   |
| <b>L2</b>  | <b>HT-054-2:2016</b><br>Operasi Dobi Penjagaan Kesihatan / <i>Healthcare Laundry Operation</i><br>(04-02-2016)   |   |
|  | <i>Level 1: No Job Title</i>   |   |

| <b>Area</b>                     |  | <b>Perubatan Kecemasan-Paramedik / Emergency Medical-Paramedic</b>                              |   |                 |                   |
|---------------------------------|--|---|---|-----------------|-------------------|
| <i>Level 4,5: Not Available</i> |  |   |   |                 |                   |
| <b>L3</b>                       | <b>MP-011-3</b><br>Juruteknik Perubatan Kecemasan Pertengahan / <i>Emergency Medical Technician Intermediate (EMT-I)</i><br>(01-10-09)           |   |   |                 |                   |
| <b>L2</b>                       | <b>MP-011-2</b><br>Juruteknik Perubatan Kecemasan Asas / <i>Emergency Medical Technician Basic (EMT-B)</i><br>(01-10-09)                         |   |   |                 |                   |
| <b>L1</b>                       | <b>MP-011-1</b><br>Juruteknik Perubatan Kecemasan Responder Pertama / <i>Emergency Medical Technician First Responder (EMT-FR)</i><br>(01-10-09) |   |   |                 |                   |
| <b>Area</b>                     |  | <b>Cardiovascular Perfusion Services</b>  |   |                 |                   |
| <b>L5</b>                       | <b>Q861-002-5:2021</b><br>Pengurusan Perfusi Kardiovaskular / <i>Cardiovascular Perfusion Management</i><br>(23-02-2021)                         |   |   |                 |                   |
| <b>L4</b>                       | <b>Q861-002-4:2021</b><br>Perfusi Kardiovaskular / <i>Cardiovascular Perfusion</i><br>(23-02-2021)   |   |   |                 |                   |
| <b>L3</b>                       | <i>(Refer NOSS document for general training prerequisite)</i>   |   |   |                 |                   |
| <i>Level 1,2: No Job Title</i>  |  |   |   |                 |                   |
| <b>Area</b>                     |  | <b>Medical Ultrasonography</b>  |   |                 |                   |
|                                 | <i>General Radiology</i>   | <i>Paediatric Radiology</i>   | <i>Obstetrics &amp; Gynaecology</i>   | <i>Vascular</i> | <i>Cardiology</i> |
| <b>L5</b>                       | <b>Q861-003-5:2022</b><br>Sonografi Perubatan dan Perundingan / <i>Medical Sonography and Consultancy</i><br>(12-09-2022)                        |   |   |                 |                   |
| <b>L4</b>                       | <b>Q861-003-4:2022</b><br>Sonografi Perubatan / <i>Medical Sonography</i><br>(12-09-2022)  |   |   |                 |                   |
| <b>L3</b>                       | <i>(Refer NOSS document for general training prerequisite)</i>   |   |   |                 |                   |
| <i>Level 1,2: No Job Title</i>  |  |   |   |                 |                   |
| <b>Area</b>                     | <b>Perkhidmatan Steril / Sterilization Services - Moist Heat Sterilization &amp; Quality Assurance</b>   | <b>Perkhidmatan Steril / Sterilization Services - ETO Sterilization &amp; Quality Assurance</b> | <b>Perkhidmatan Steril / Sterilization Services - Radiation Sterilization &amp; Quality Assurance</b> |                 |                   |
| <i>Level 4,5: Not Available</i> |  |   |   |                 |                   |
| <b>L3</b>                       | <b>MP-012-3:2013</b><br><i>Moist Heat Sterilization Operation</i><br>(24-04-2013)  | <b>MP-013-3:2013</b><br><i>Ethlene Oxide (ETO) Sterilization Operation</i><br>(24-04-2013)      | <b>MP-014-3:2013</b><br><i>Radiation Sterilization Operation</i><br>(24-04-2013)                      |                 |                   |
| <i>Level 1,2: No Job Title</i>  |  |   |   |                 |                   |
| <b>Area</b>                     |  | <b>Kecemasan / Emergency</b>  |   |                 |                   |
| <i>Level 4,5: Not Available</i> |  |   |   |                 |                   |
| <b>L3</b>                       | <b>MP-052-3</b><br>Penyelia Pembantu Kecemasan / <i>Emergency Aide Supervisor</i><br>(10-12-10)  |   |   |                 |                   |
| <b>L2</b>                       | <b>MP-052-2</b><br>Pembantu Kanan Kecemasan / <i>Senior Emergency Aide</i><br>(10-12-10)   |   |   |                 |                   |
| <b>L1</b>                       | <b>MP-052-1</b><br>Pembantu Kecemasan / <i>Emergency Aide</i><br>(10-12-10)  |   |   |                 |                   |

| BAHAGIAN/DIVISION: Q86<br>HUMAN HEALTH ACTIVITIES                    |  | KUMPULAN/GROUP: Q862<br>MEDICAL AND DENTAL PRACTICE ACTIVITIES   |  |
|--|--|--|--|
| <i>(Please refer general training prerequisite in NOSS document)</i> |  |  |  |
| <b>Area</b>  | <b>Biokimia Klinikal/ Clinical Biochemistry</b>  |  |  |
| <b>L5</b>  | <b>Q862-001-5:2016</b><br>Biokimia Klinikal / Clinical Biochemistry<br>(06-12-2016)                                      |  |  |
| <i>Level 1,2,3,4: No Job Title</i>                                   |  |  |  |
| BAHAGIAN/DIVISION: Q86<br>HUMAN HEALTH ACTIVITIES                    |  | KUMPULAN/GROUP: Q869<br>OTHER HUMAN HEALTH ACTIVITIES  |  |
| <i>(Please refer general training prerequisite in NOSS document)</i> |  |  |  |
| <b>Area</b>  | <b>Kejurulatihan Senaman Tua/Senaman Tua Training</b>  |  |  |
| <b>L5</b>  | <b>Q869-001-5:2016</b><br>Pengurusan Senaman Tua / Senaman Tua Management<br>(06-12-2016)                                |  |  |
| <b>L4</b>  | <b>Q869-001-4:2016</b><br>Penyeliaan Kejurulatihan Senaman Tua / Senaman Tua Training Supervision<br>(06-12-2016)        |  |  |
| <b>L3</b>  | <b>Q869-001-3:2016</b><br>Kejurulatihan Senaman Tua / Senaman Tua Training<br>(06-12-2016)                               |  |  |
| <i>Level 1,2: No Job Title</i>                                       |  |  |  |
| <b>Area</b>  | <b>Selepas Bersalin/Post Natal</b>   | <b>Kesihatan Dan Perkhidmatan Penjagaan Diri - Alternatif Terapi / Health And Wellness Services - Alternatif Therapy</b> |  |
| <b>L5</b>  | <b>Q869-002-5:2016</b><br>Penjagaan Ibu Selepas Bersalin MamaCare /<br>MamaCare Post Natal<br>(06-12-2016)               | <i>Level 5: Not Available</i>  |  |
| <b>L4</b>  | <b>Q869-002-4:2016</b><br>Penjagaan Ibu Selepas Bersalin MamaCare /<br>MamaCare Post Natal<br>(06-12-2016)               | <b>MP-082-4:2012</b><br>Urut Terapeutik & Penjagaan / Therapeutic Massage & Care<br>(18-12-2012)                         |  |
| <b>L3</b>  | <b>MP-082-3:2011</b><br>Urut Terapi / Massage Therapy<br>(18-07-2002) (20-12-2011)                                       |  |  |
| <i>Level 1,2: No Job Title</i>                                       |  |  |  |
| <b>Area</b>  | <b>Kesihatan Dan Perkhidmatan Penjagaan Diri - Alternatif Terapi / Health And Wellness Services - Alternatif Therapy</b> |  |  |
| <i>Level 4,5: Not Available</i>                                      |  |  |  |
| <b>L3</b>  | <b>Q869-003-3:2017</b><br>Urutan Sukan / Sports Massage<br>(28-03-2017)  |  |  |
| <i>Level 1,2: No Job Title</i>                                       |  |  |  |
| <b>Area</b>  | <b>Perawatan Ruqyah / Ruqyah Treatment</b>   |  |  |
| <b>L5</b>  | <b>Q869-004-5:2017</b><br>Perawatan Ruqyah / Ruqyah Treatment<br>(27-11-2017)  |  |  |
| <b>L4</b>  | <b>Q869-004-4:2017</b><br>Perawatan Ruqyah / Ruqyah Treatment<br>(27-11-2017)  |  |  |
| <b>L3</b>  | <b>Q869-004-3:2017</b><br>Perawatan Ruqyah / Ruqyah Treatment<br>(27-11-2017)  |  |  |
| <i>Level 1,2: No Job Title</i>                                       |  |  |  |

| Area | Traditional/Complementary Therapy - Crystal Healing   | Perkhidmatan Tuinalogy / Tuinalogy Services  | Terapi Bekam / Cupping Therapy   |
|------|---|--|--|
|      | <i>Level 4,5: Not Available</i>   |  |  |
| L3   | <b>MP-030-3:2015</b><br>Perkhidmatan Crystal Healing / Crystal Healing Services<br>(01-10-09) (31-03-2015)                  | <b>MP-031-3:2016</b><br>Perkhidmatan Tuinalogy / Tuinalogy Services<br>(24-05-2016)            | <b>MP-110-3:2011</b><br>Terapi Bekam Angin / Wind Cupping Therapy<br>(20-12-2011)                                |
|      | <i>Level 1,2: No Job Title</i>  |  |  |
| Area | Dialisis / Dialysis   | Perbidanan / Midwifery   |  |
|      | <i>Level 4,5: Not Available</i>   |  |  |
| L3   | <b>MP-050-3</b><br>Penyelia Pembantu Dialisis / Dialysis Aide Supervisor<br>(10-12-10)                                      | <b>MP-051-3</b><br>Penyelia Perbidanan / Midwifery Aide Supervisor<br>(10-12-10)               |  |
| L2   | <b>MP-050-2</b><br>Pembantu Kanan Dialisis / Senior Dialysis Aide<br>(10-12-10)   | <b>MP-051-2</b><br>Pembantu Kanan Perbidanan / Senior Midwifery Aide<br>(10-12-10)             |  |
| L1   | <b>MP-050-1</b><br>Pembantu Dialisis / Dialysis Aide<br>(10-12-10)  | <b>MP-051-1</b><br>Pembantu Perbidanan / Midwifery Aide<br>(10-12-10)                          |  |
| Area | / Energy Medicine - Aura Metafizik  | / Energy Medicine - Colour Vibration Therapy   |  |
|      | <i>Level 4,5: Not Available</i>   |  |  |
| L3   | <b>MP-071-3</b><br>Juruterapi Kanan Aura Metafizik / Senior Aura Metafizik Therapist<br>(22-08-11)                          | <b>MP-070-3</b><br>Juruterapi Ais-Hidro / Hydro-Ice Therapist<br>(22-08-11)                    |  |
| L2   | <b>MP-071-2</b><br>Juruterapi Aura Metafizik / Aura Metafizik Therapist<br>(22-08-11)                                       | <b>MP-070-2</b><br>Pembantu Juruterapi Ais-Hidro / Assistant Hydro-Ice Therapist<br>(22-08-11) |  |
| L1   | <b>MP-071-1</b><br>Pembantu Juruterapi Aura Metafizik / Assistant Aura Metafizik Therapist<br>(22-08-11)                    | <i>Level 1: No Job Title</i>   |  |
| Area | Kesihatan Dan Perkhidmatan Penjagaan Diri - Alternatif Terapi / Health And Wellness Services - Alternatif Therapy           |  |  |
|      | <i>Level 4,5: Not Available</i>   |  |  |
| L3   | <b>MP-080-3:2011</b><br>Refleksologi Kaki, Tangan dan Telinga / Foot, Hand and Ear Reflexology<br>(19-07-2001) (20-11-2011) | <b>MP-081-3:2011</b><br>Aromaterapi / Aromatherapy<br>(19-07-2001) (20-12-2011)                | <b>MP-083-3:2013</b><br>Penyeliaan Sokongan Penjagaan Kesihatan / Healthcare Support Supervision<br>(30-12-2013) |
| L2   | <i>Level 2: No Job Title</i>  |  | <b>MP-083-2:2013</b><br>Perkhidmatan Sokongan Penjagaan Kesihatan / Healthcare Support Service<br>(30-12-2013)   |
|      | <i>Level 1: No Job Title</i>  |  |  |
| Area | / Energy Healing - Reiki  | / Energy Healing - Qi Gong   | / Energy Healing - Panchakarma   |
|      | <i>Level 4,5: Not Available</i>   |  |  |
| L3   | <b>MP-090-3:2011</b><br>Terapi Reiki / Reiki Therapy<br>(20-12-11)  | <b>MP-091-3:2011</b><br>Terapi Qi Gong / Qi Gong Therapy<br>(20-12-11)                         | <b>MP-092-3:2016</b><br>Terapi Panchakarma Ayurvedik / Ayurvedic Panchakarma Therapy<br>(20-12-11)(04-02-2016)   |
|      | <i>Level 1,2: No Job Title</i>  |  |  |

| BAHAGIAN/DIVISION: Q87<br>RESIDENTIAL CARE ACTIVITIES                  |  | KUMPULAN/GROUP: Q873<br>RESIDENTIAL CARE ACTIVITIES FOR THE ELDERLY AND<br>DISABLED   |  |
|--|--|---|--|
| <i>(Please refer general training prerequisite in NOSS document)</i>   |  |   |  |
| Area   | Penjagaan Orang Kurang Upaya / Disabled Care   | Penjagaan Orang Tua / Elderly Care  |  |
| L5   | <b>CC-012-5:2013</b><br>Pengurusan Pusat Jagaan (Orang Kurang Upaya) /<br><i>Persons With Disabilities (PWD) Care Centre</i><br>Management<br>(24-04-2013)   | <b>CC-013-5:2013</b><br>Pengurusan Pusat Jagaan Orang Tua / <i>Elderly Care Centre</i><br>Management<br>(01-10-09)<br>(24-04-2013)      |  |
| L4   | <b>CC-012-4:2013</b><br>Pentadbiran Pusat Jagaan (Orang Kurang Upaya) /<br><i>Persons With Disabilities (PWD) Care Centre</i><br>Administration<br>(24-04-2013)  | <b>CC-013-4:2013</b><br>Pentadbiran Pusat Jagaan Orang Tua / <i>Elderly Care Centre</i><br>Administration<br>(01-10-09)<br>(24-04-2013) |  |
| L3   | <b>CC-012-3:2013</b><br>Operasi Pusat Jagaan (Orang Kurang Upaya) /<br><i>Persons With Disabilities (PWD) Care Centre</i><br>Operation<br>(01-10-09) (24-04-2013)  | <b>CC-013-3:2013</b><br>Operasi Pusat Jagaan Orang Tua / <i>Elderly Care Centre</i><br>Operation<br>(01-10-09)<br>(24-04-2013)          |  |
| <i>Level 1,2: No Job Title</i>   |  |   |  |
| BAHAGIAN/DIVISION: Q87<br>RESIDENTIAL CARE ACTIVITIES                  |  | KUMPULAN/GROUP: Q879<br>OTHER RESIDENTIAL CARE ACTIVITIES   |  |
| <i>(Please refer general training prerequisite in NOSS document)</i>   |  |   |  |
| Area   | Pusat Jagaan Kanak-kanak / Children Care Centre  |   |  |
| L5   | <b>Q879-001-5:2019</b><br>Pengurusan Jagaan dan Kemajuan Kanak-Kanak / <i>Children Care and Progress Management</i><br>(02-04-2014) (30-01-2019)   |   |  |
| L4   | <b>Q879-001-4:2019</b><br>Penyeliaan Penjagaan dan Kemajuan Kanak-Kanak / <i>Children Care and Progress Supervision</i><br>(02-04-2014) (30-01-2019)   |   |  |
| L3   | <b>Q879-001-3:2018</b><br>Penjagaan dan Kemajuan Kanak-Kanak / <i>Children Care and Progress</i><br>(10-12-10) (02-04-2014) (06-02-2018)   |   |  |
| <i>Level 1,2: No Job Title</i>   |  |   |  |
| BAHAGIAN/DIVISION: Q88<br>SOCIAL WORK ACTIVITIES WITHOUT ACCOMMODATION |  | KUMPULAN/GROUP: Q881<br>SOCIAL WORK ACTIVITIES WITHOUT ACCOMMODATION FOR<br>THE ELDERLY AND DISABLE                                     |  |
| <i>(Please refer general training prerequisite in NOSS document)</i>   |  |   |  |
| Area   | Pemulihan Dalam Komuniti / Community Based Rehabilitation  |   |  |
| L5   | <b>Q881-001-5:2017</b><br>Pengurusan Pusat Pemulihan Dalam Komuniti (Orang Kurang Upaya - OKU) / <i>Community Based Rehabilitation</i><br><i>Centre Management (People With Disabilities - PWD)</i><br>(28-03-2017)      |   |  |
| L4   | <b>Q881-001-4:2017</b><br>Pentadbiran Pusat Pemulihan Dalam Komuniti (Orang Kurang Upaya - OKU) / <i>Community Based Rehabilitation</i><br><i>Centre Administration (People With Disabilities - PWD)</i><br>(28-03-2017) |   |  |
| L3   | <b>CC-017-3:2015</b><br>Operasi Pemulihan Dalam Komuniti / <i>Community Based Rehabilitation Operation</i><br>(31-03-2015)   |   |  |
| <i>Level 1,2: No Job Title</i>   |  |   |  |

| Area   | Berkuda (Terapi) / Horse Riding (Therapy)  |  |
|--|--|--|
|  | <i>Level 4,5: Not Available</i>  |  |
| L3   | <b>Q881-002-3:2019</b><br>Penyeliaan Berkuda (Terapi) / <i>Horse Riding Supervision (Therapy)</i><br>(30-01-2019)  |  |
| L2   | <b>Q881-002-2:2019</b><br>Perkhidmatan Penjagaan Kuda / <i>Syce Services</i><br>(30-01-2019)   |  |
|  | <i>Level 1: No Job Title</i>   |  |
| <b>BAHAGIAN/DIVISION: Q88</b><br><i>SOCIAL WORK ACTIVITIES WITHOUT ACCOMMODATION</i> |  | <b>KUMPULAN/GROUP: Q889</b><br><i>OTHER SOCIAL WORK ACTIVITIES WITHOUT ACCOMMODATION n.e.c</i>   |
| <i>(Please refer general training prerequisite in NOSS document)</i>                 |  |  |
| Area   | Kebajikan Sosial / <i>Social Welfare</i>   | Perkhidmatan Komuniti / <i>Community Services</i>  |
| L5   | <b>CC-014-5:2014</b><br>Pengurusan Kebajikan Sosial / <i>Social Welfare Management</i><br>(02-04-2014)   | <b>CC-016-5:2015</b><br>Pengurusan Khidmat Komuniti / <i>Community Service Management</i><br>(23-06-2009) (31-03-2015)                           |
| L4   | <b>CC-014-4:2014</b><br>Koordinasi Kebajikan Sosial / <i>Social Welfare Coordination</i><br>(02-04-2014)   | <b>CC-016-4:2015</b><br>Pentadbiran Khidmat Komuniti / <i>Community Service Administration</i><br>(23-06-2009) (31-03-2015)                      |
| L3   | <b>CC-014-3:2014</b><br>Amalan Kebajikan Sosial / <i>Social Welfare Practice</i><br>(02-04-2014)   | <b>Q889-003-3:2021</b><br>Operasi Kerja Komuniti / <i>Community Work Operation</i><br>(23-06-2009) (31-03-2015) (24-06-2021)                     |
|  | <i>Level 1,2: No Job Title</i>   |  |
| Area   | Kanak-Kanak Istimewa / <i>Children With Special Needs</i>  | Autisme- Amalan Pendidikan / <i>Autism-Education Practice</i>  |
| L5   | <b>CC-011-5:2012</b><br>Pendidikan & Penjagaan Awal Kanak-Kanak / <i>Early Childhood Care &amp; Education</i><br>(05-03-2008)(18-12-2012)                                | <b>Q879-001-5:2019</b><br>Pengurusan Jagaan dan Kemajuan Kanak-Kanak / <i>Children Care and Progress Management</i><br>(02-04-2014) (30-01-2019) |
| L4   | <b>CC-015-4:2014</b><br>Children With Special Needs Care & Education Administration<br>(02-04-2014)  | <i>Level 4: Not Available</i>  |
| L3   | <b>CC-015-3:2014</b><br>Children With Special Needs Care & Education Practice<br>(02-04-2014)  | <b>CC-018-3:2016</b><br>Operasi Pusat Autisme Kanak-Kanak / <i>Children With Autism Centre Operation</i><br>(04-02-2016)                         |
|  | <i>Level 1,2: No Job Title</i>   |  |
| Area   | Perkahwinan, Pasangan dan Keluarga / <i>Marital, Couple and Family</i>   |  |
|  | <i>Level 4,5: Not Available</i>  |  |
| L3   | <b>CC-021-3:2016</b><br>Sokongan Perkhidmatan Kaunseling (Teknikal dan Pentadbiran) / <i>Counselling Services Support (Technical and Administrative)</i><br>(11-10-2016) |  |
|  | <i>Level 1,2: No Job Title</i>   |  |
| Area   | Job Coaching Sosial / <i>Social Job Coaching</i>   |  |
|  | <i>Level 4,5: Not Available</i>  |  |
| L3   | <b>Q889-001-3:2018</b><br>Job Coaching Orang Kurang Upaya (OKU) / <i>Persons With Disabilities (PWDs) Job Coaching</i><br>(06-02-2018)                                   |  |
|  | <i>Level 1,2: No Job Title</i>   |  |

| <i>Area</i> | <b>Kerja Sosial / Social Work</b>  |
|-------------|--|
| <b>L5</b>   | <b>Q889-002-5:2019</b><br>Pengurusan Kerja Sosial / <i>Social Work Management</i><br>(30-01-2019)                                |
| <b>L4</b>   | <b>Q889-002-4:2019</b><br>Operasi dan Pentadbiran Kerja Sosial / <i>Social Work Operation and Administration</i><br>(30-01-2019) |
|             | <i>Level 1,2,3: No Job Title</i>   |
|             |  |



## 25. STANDARD DI BAWAH SEKSYEN EKONOMI MSIC R: KESENIAN, HIBURAN DAN REKREASI

| <b>SECTION R: ARTS ENTERTAINMENT AND RECREATION</b> |   |  |
|---|---|--|
| <b>BAHAGIAN/<br/>DIVISION</b>                       | <b>KUMPULAN/<br/>GROUP</b>  | <b>KETERANGAN/<br/>DESCRIPTION</b>                         |
| <b>R90</b>  | <b>CREATIVE, ARTS AND ENTERTAINMENT ACTIVITIES</b>                |  |
|   | <b>R900</b>   | CREATIVE ARTS AND ENTERTAINMENT ACTIVITIES                 |
| <b>R91</b>  | <b>LIBRARIES, ARCHIVES, MUSEUMS AND OTHER CULTURAL ACTIVITIES</b> |  |
|   | <b>R910</b>   | LIBRARIES, ARCHIVES, MUSEUMS AND OTHER CULTURAL ACTIVITIES |
| <b>R92</b>  | <b>GAMBLING AND BETTING ACTIVITIES</b>                            |  |
|   | <b>R920</b>   | GAMBLING AND BETTING ACTIVITIES                            |
| <b>R93</b>  | <b>SPORTS ACTIVITIES AND AMUSEMENT AND RECREATION ACTIVITIES</b>  |  |
|   | <b>R931</b>   | SPORTS ACTIVITIES  |
|   | <b>R932</b>   | OTHER AMUSEMENT AND RECREATION ACTIVITIES                  |

| <b>BAHAGIAN/DIVISION: R90</b><br>CREATIVE, ARTS AND ENTERTAINMENT ACTIVITIES |   | <b>KUMPULAN/GROUP: R900</b><br>CREATIVE ARTS AND ENTERTAINMENT ACTIVITIES |
|--|---|---|
| <i>(Please refer general training prerequisite in NOSS document)</i>         |   |   |
| <b>Area</b>  | <b>Pawagam/Cinema</b>   |   |
|  | <b>R900-001-5:2016</b>  |   |
| <b>L5</b>  | Pengurusan Operasi Pawagam / Cinema Operation Management<br>(06-12-2016)    |   |
|  | <b>R900-001-4:2016</b>  |   |
| <b>L4</b>  | Pengurusan Operasi Pawagam / Cinema Operation Management<br>(06-12-2016)    |   |
|  | <b>R900-001-3:2016</b>  |   |
| <b>L3</b>  | Operasi Teknikal Pawagam / Cinema Technical Operation<br>(06-12-2016)       |   |
|  | <b>R900-001-2:2016</b>  |   |
| <b>L2</b>  | Operasi Pawagam / Cinema Operation<br>(06-12-2016)                          |   |
|  | <i>Level 1: No Job Title</i>  |   |
| <b>Area</b>  | <b>Lakonan/Acting</b>   | <b>/ Features Film</b>  |
|  | <b>R900-002-5:2016</b>  | <b>R900-004-5:2018</b>  |
| <b>L5</b>  | Pengurusan Kejurulatihan Lakon / Acting Coaching Management<br>(06-12-2016) | Penulisan Skrin / Screen Writing<br>(08-10-2018)                          |
|  | <b>R900-002-4:2016</b>  |   |
| <b>L4</b>  | Kejurulatihan Lakon / Acting Coaching<br>(06-12-2016)                       | <i>(Refer NOSS document for general training prerequisite)</i>            |
|  | <b>R900-002-3:2016</b>  |   |
| <b>L3</b>  | Seni Lakon Teater / Theatre Acting<br>(06-12-2016)                          | <i>Level 3: No Job Title</i>  |
|  | <i>Level 1,2: No Job Title</i>  |   |
|  |   | <i>Level 1,2: No Job Title</i>  |

| <b>Area</b> | <b>Pengurusan Pentas / Stage Management</b>   |   | <b>Pengacaraan Majlis</b>  |
|-------------|---|---|--|
| <b>L5</b>   | <b>R900-007-5:2021</b><br>Pengurusan Pentas / <i>Stage Management</i><br>(23-02-2021)   |   | <i>Level 5: Not Available</i>  |
| <b>L4</b>   | <b>R900-007-4:2021</b><br>Koordinasi Pentas / <i>Stage Coordination</i><br>(23-02-2021)   |   | <i>Level 4: Not Available</i>  |
| <b>L3</b>   | <b>R900-007-3:2020</b><br>Penyeliaan Produksi Pentas / <i>Stage Production Supervision</i><br>(03-09-2020)                        |   | <b>R900-008-3:2021</b><br>Pengacaraan Profesional / <i>Professional Emceeing</i><br>(29-10-2021)             |
| <b>L2</b>   | <b>R900-007-2:2020</b><br>Operasi Produksi Pentas / <i>Stage Production Operation</i><br>(03-09-2020)                             |   | <i>Level 2: No Job Title</i>   |
|             | <i>Level 1: No Job Title</i>  |   | <i>Level 1: No Job Title</i>   |
| <b>Area</b> | <b>Ukiran Kayu/Wood Carving</b>   | <b>Ukiran Logam - Barangan Kasar / Metal Smithing</b>   |  |
| <b>L5</b>   | <b>R900-003-5:2017</b><br>Pengurusan Pengukiran Kayu / <i>Wood Carving Management</i><br>(27-11-2017)                             | <i>Level 5: Not Available</i>   |  |
| <b>L4</b>   | <b>R900-003-4:2017</b><br>Rekaan Corak dan Pengukiran Kayu / <i>Wood Motive Design and Carving</i><br>(27-11-2017)                | <i>Level 4: Not Available</i>   |  |
| <b>L3</b>   | <b>SS-200-3:2013</b><br>Pengukiran Kayu / <i>Wood Carving</i><br>(27-02-2003) (30-12-2013)  | <b>S-021-3</b><br>Penyelia Ukiran Barangan Kasar Logam / <i>Metal Smithing Supervisor</i><br>(27-02-2003)                           |  |
| <b>L2</b>   | <b>SS-200-2:2013</b><br>Pengukiran Kayu Asas / <i>Basic Wood Carving</i><br>(27-02-2003) (30-12-2013)                             | <b>S-021-2</b><br>Jurukraf Barangan Kasar Logam Kanan / <i>Senior Metal Smithing Craft Man</i><br>(27-02-2003)                      |  |
| <b>L1</b>   | <i>Level 1: No Job Title</i>  | <b>S-021-1</b><br>Jurukraf Barangan Kasar Logam / <i>Metal Smithing Craft Man</i><br>(27-02-2003)                                   |  |
| <b>Area</b> | <b>Ritma / Rhythm</b>   | <b>Muzik Tradisional / Traditional Music</b>  |  |
| <b>L5</b>   | <b>AC-020-5:2014</b><br>Pengarahan Muzik / <i>Music Directing</i><br>(16-12-2014)   |   |  |
| <b>L4</b>   | <b>AC-020-4:2014</b><br><i>Music Leading</i><br>(16-12-2014)  |   |  |
| <b>L3</b>   | <b>AC-030-3:2014</b><br>Persembahan Ritma Berkumpulan (Utama) / <i>Rhythm Ensemble Lead Performing</i><br>(10-12-10) (25-09-2014) | <b>AC-020-3:2014</b><br>Persembahan Muzik Tradisional (Utama) / <i>Traditional Music Lead Performing</i><br>(10-12-10) (25-09-2014) | <b>AC-031-3:2012</b><br>Koordinasi Musik Tradisional / <i>Traditional Music Coordination</i><br>(18-12-2012) |
| <b>L2</b>   | <b>AC-030-2:2014</b><br>Persembahan Ritma Berkumpulan / <i>Rhythm Ensemble Performing</i><br>(10-12-10) (25-09-2014)              | <b>AC-020-2:2014</b><br>Persembahan Muzik Tradisional / <i>Traditional Music Performing</i><br>(10-12-10) (25-09-2014)              | <b>AC-031-2:2012</b><br>Persembahan Musik Tradisional / <i>Traditional Music Performance</i><br>(18-12-2012) |
|             | <i>Level 1: No Job Title</i>  |   |  |

| <b>Area</b> | <b>Tarian Tradisional / Traditional Dance</b>   |   |
|-------------|---|---|
| <b>L5</b>   | <b>AC-032-5:2014</b><br>Pengurusan Tarian Tradisional / <i>Traditional Dance Ensemble Management</i><br>(16-12-2014)        |   |
| <b>L4</b>   | <b>AC-032-4:2014</b><br>Komposisi Tarian Tradisional / <i>Traditional Dance Composition</i><br>(16-12-2014)                 |   |
| <b>L3</b>   | <b>R900-009-3:2021</b><br>Pengajaran Tarian Tradisional / <i>Traditional Dance Instructing</i><br>(18-12-2012) (29-10-2021) |   |
| <b>L2</b>   | <b>R900-009-2:2021</b><br>Persembahan Tarian Tradisional / <i>Traditional Dance Performing</i><br>(18-12-2012) (29-10-2021) |   |
|             | <i>Level 1: No Job Title</i>  |   |
| <b>Area</b> | <b>Muzik / Music</b>  | <b>Seni Suara / Vocalist</b>  |
|             | <i>Level 4,5: Not Available</i>   |   |
| <b>L3</b>   | <b>AC-041-3:2014</b><br>Persembahan Instrumen Bertali / <i>Strings Performance</i><br>(18-11-08) (25-09-2014)               | <b>R900-006-3:2019</b><br>Nyanyian / <i>Singing</i><br>(10-12-10) (25-09-2014) (30-01-2019)                                       |
|             | <i>Level 1,2: No Job Title</i>  |   |
| <b>Area</b> | <b>Seni Sulaman / Embroidery Art</b>  | <b>Seni Khat / Islamic Calligraphy</b>  |
|             | <i>Level 4,5: Not Available</i>   |   |
| <b>L3</b>   | <b>SS-024-3:2013</b><br>Seni Sulaman Warisan / <i>Art of Heritage Embroidery</i><br>(30-12-2013)                            | <b>R900-005-3:2019</b><br>Penyeliaan Pengkaryaan Seni Khat / <i>Islamic Calligraphy Craftsmanship Supervision</i><br>(30-01-2019) |
| <b>L2</b>   | <i>Level 2: No Job Title</i>  | <b>R900-005-2:2019</b><br>Pengkaryaan Seni Khat / <i>Islamic Calligraphy Craftsmanship</i><br>(30-01-2019)                        |
|             | <i>Level 1: No Job Title</i>  | <i>Level 1: No Job Title</i>  |
| <b>Area</b> | <b>Rotan / Rattan</b>   | <b>Pembuatan Kraf Berasaskan Hasil Rimba / Forest Product Based Craft Making</b>  |
|             | <i>Level 4,5: Not Available</i>   |   |
| <b>L3</b>   | <b>SS-101-3</b><br>Jurukraf Kanan Rotan / <i>Senior Rattan Crafter</i><br>(23-06-2009)                                      | <b>SS-103-3:2016</b><br>Penyeliaan Pembuatan Kraf Hasil Rimba / <i>Forest Product Craft Making Supervision</i><br>(04-02-2016)    |
| <b>L2</b>   | <b>SS-101-2</b><br>Jurukraf Rotan / <i>Rattan Crafter</i><br>(23-06-2009)   | <b>SS-103-2:2016</b><br>Pembuatan Kraf Hasil Rimba / <i>Forest Product Craft Making</i><br>(04-02-2016)                           |
| <b>L1</b>   | <b>SS-101-1</b><br>Jurukraf Muda Rotan / <i>Junior Rattan Crafter</i><br>(23-06-2009)                                       | <i>Level 1: No Job Title</i>  |

| Area   | Tukang Perak / <i>Silver Craftman</i>   | Pembuat Acuan / <i>Mould Maker</i>  |   |
|--|---|---|---|
|  | <i>Level 4,5: Not Available</i>   |   |   |
| L3   | SS-201-3<br>Tukang Perak Kanan / <i>Senior Silver Craftman</i><br>(25-10-10)                          | SS-202-3<br>Pembuat Kanan Acuan Kraftangan / <i>Senior Souvenir Mould Maker</i><br>(25-10-10)       |   |
| L2   | SS-201-2<br>Tukang Perak / <i>Silver Craftman</i><br>(25-10-10)                                       | SS-202-2<br>Pembuat Acuan Kraftangan / <i>Souvenir Mould Maker</i><br>(25-10-10)                    |   |
| L1   | SS-201-1<br>Pembantu Tukang Perak / <i>Assistant Silver Craftman</i><br>(25-10-10)                    | SS-202-1<br>Pembantu Pembuat Acuan Kraftangan / <i>Assistant Mould Souvenir Maker</i><br>(25-10-10) |   |
|  | <i>Level 4,5: Not Available</i>   |   |   |
| Area   | Keris & Parang  | Kaca Kristal / <i>Crystal Glass</i>   | Pembuatan Wau / Layang-Layang /<br><i>Wau/Layang-Layang Production</i>                                    |
|  | <i>Level 4,5: Not Available</i>   |   |   |
| L3   | SS-203-3:2012<br>Pembuatan Keris & Parang /<br><i>Keris &amp; Parang Production</i><br>(18-12-2012)   | SS-204-3:2012<br>Pembuatan Kaca Kristal / <i>Crystal Glass Production</i><br>(18-12-2012)           | SS-205-3:2012<br>Pembuatan Wau / Layang-Layang /<br><i>Wau / Layang-Layang Production</i><br>(18-12-2012) |
|  | <i>Level 1,2: No Job Title</i>  |   |   |
| <b>BAHAGIAN/DIVISION: R91</b><br><i>LIBRARIES, ARCHIVES, MUSEUMS AND OTHER CULTURAL ACTIVITIES</i> |   | <b>KUMPULAN/GROUP: R910</b><br><i>LIBRARIES, ARCHIVES, MUSEUMS AND OTHER CULTURAL ACTIVITIES</i>    |   |
| <i>(Please refer general training prerequisite in NOSS document)</i>                               |   |   |   |
| Area   | Perkhidmatan Perpustakaan dan Maklumat / <i>Library and Information Services</i>                      |   |   |
|  | <i>Level 4,5: Not Available</i>   |   |   |
| L3   | R910-001-3:2017<br>Kepustakawanan (Pengawasan) / <i>Librarianship (Supervision)</i><br>(21-08-2017)   |   |   |
| L2   | R910-001-2:2017<br>Kepustakawanan (Operasi) / <i>Librarianship (Operation)</i><br>(21-08-2017)        |   |   |
|  | <i>Level 1: No Job Title</i>  |   |   |
| Area   | Konservasi Hidupan Liar / <i>Wild Life Conservation</i>   |   |   |
|  | Mamalia Besar - Husbandri Gajah   | Mamalia Besar - Translokasi Gajah   | Konservasi Burung / <i>Bird Conservation</i>  |
|  | <i>Level 4,5: Not Available</i>   |   |   |
| L3   | HT-301-3:2014<br>Pengendalian Husbandri Gajah /<br><i>Elephant Husbandry Handling</i><br>(02-04-2014) | HT-302-3:2014<br>Pengendalian Konflik Gajah / <i>Elephant Conflict Handling</i><br>(02-04-2014)     | HT-303-3:2015<br>Konservasi Burung / <i>Bird Conservation</i><br>(31-03-2015)                             |
|  | <i>Level 1,2: No Job Title</i>  |   |   |

| BAHAGIAN/DIVISION: R93<br>SPORTS ACTIVITIES AND AMUSEMENT AND RECREATION<br>ACTIVITIES |  | KUMPULAN/GROUP: R931<br>SPORTS ACTIVITIES  |  |
|--|--|--|--|
| <i>(Please refer general training prerequisite in NOSS document)</i>                   |  |  |  |
| <b>Area</b>  | <b>Industri Ekuestrian / Equestrian Industry</b>   |  |  |
|  | <b>Lumba Kuda / Horse Racing</b>   | <b>Ekuestrian / Equestrian</b>   |  |
| <b>L5</b>  | <i>Level 5: Not Available</i>  | <b>HT-300-5:2012</b><br>Pengurusan Pusat Ekuin / Equine Centre Management<br>(18-12-2012)            |  |
| <b>L4</b>  | <i>Level 4: Not Available</i>  | <b>HT-300-4:2012</b><br>Pentadbiran Pusat Ekuin / Equine Centre Administration<br>(18-12-2012)       |  |
| <b>L3</b>  | <b>AF-040-3</b><br>Stable Supervisor<br>(22-11-2007)   | <b>HT-300-3:2012</b><br>Penjagaan Kuda / Horse Care<br>(25-10-10) (18-12-2012)                       |  |
| <b>L2</b>  | <b>AF-040-2</b><br>Senior Stablehand<br>(22-11-2007)   | <i>Level 2: No Job Title</i>   |  |
| <b>L1</b>  | <b>AF-040-1</b><br>Stablehand<br>(22-11-2007)  | <i>Level 1: No Job Title</i>   |  |
| <b>Area</b>  | <b>Latihan &amp; Pendidikan Lumba Kuda / Racehorse Education &amp; Training</b>                          |  |  |
|  | <b>Lumba Kuda / Horse Racing</b>   | <b>Peladaman Kuda / Farriery</b>   |  |
| <b>L5</b>  | <i>Level 5: Not Available</i>  | <b>ET-018-5:2014</b><br>Peladaman Kuda / Farriery<br>(02-04-2014)                                    |  |
| <b>L4</b>  | <b>ET-017-4:2013</b><br>Pengurusan Latihan Kuda Lumba / Racehorse<br>Training Management<br>(30-12-2013) | <b>ET-018-4:2014</b><br>Peladaman Kuda / Farriery<br>(02-04-2014)                                    |  |
| <b>L3</b>  | <b>ET-017-3:2013</b><br>Penjagaan & Latihan Kuda Lumba / Racehorse Care & Training<br>(30-12-2013)       |  |  |
|  | <i>Level 1,2: No Job Title</i>   |  |  |
| <b>Area</b>  | <b>Pengurusan Persediaan Atlit / Athlete Preparation Management</b>                                      |  |  |
|  | <b>L5</b>  | <b>HT-088-5:2016</b><br>Pengurusan Persediaan Atlit / Athlete Preparation Management<br>(04-02-2016) |  |
| <b>L4</b>  | <b>HT-088-4:2016</b><br>Pengurusan Persediaan Atlit / Athlete Preparation Management<br>(04-02-2016)     |  |  |
| <b>L3</b>  | <b>ET-019-3:2014</b><br>Koordinasi Persediaan Atlet / Athlete Preparation Coordination<br>(25-09-2014)   |  |  |
|  | <i>Level 1,2: No Job Title</i>   |  |  |

| Area | Sukan dan Rekreasi (Golf) / <i>Sports and Recreation (Golf)</i>  |   |  |  |
|------|--|---|--|--|
|      | Operasi Golf / <i>Golf Operations</i>  | Operasi Golf & Sukan / <i>Golf and Sports Operation</i>   | Penyelenggaraan Padang Golf / <i>Golf Course Maintenance</i>   | Perkhidmatan Golf / <i>Golf Services</i>                         |
| L5   | <i>Level 5: Not Available</i>  | <b>HT-082-5:2011</b><br>Pengurusan Golf dan Sukan / <i>Golf and Sports Management</i><br>(20-12-2011) | <b>HT-083-5:2011</b><br>Pengurusan Penyelenggaraan Padang Golf / <i>Golf Course Maintenance Management</i><br>(20-12-2011)       | <i>Level 5: Not Available</i>                                    |
| L4   | <i>Level 4: Not Available</i>  | <b>HT-082-4:2011</b><br>Pengurusan Golf dan Sukan / <i>Golf and Sports Management</i><br>(20-12-2011) | <b>HT-083-4:2011</b><br>Pengurusan Penyelenggaraan Padang Golf / <i>Golf Course Maintenance Management</i><br>(20-12-2011)       | <i>Level 4: Not Available</i>                                    |
| L3   | <b>HT-081-3:2016</b><br>Perkhidmatan Touring Kedi / <i>Touring Caddying Service</i><br>(25-10-10) (06-02-2016)                                   | <b>HT-082-3:2011</b><br>Operasi Golf dan Sukan / <i>Golf and Sports Operation</i><br>(20-12-2011)     | <b>HT-083-3:2011</b><br>Operasi Penyelenggaraan Padang Golf / <i>Golf Course Maintenance Operation</i><br>(20-12-2011)           | <b>HT-086-3</b><br><i>Club Fitter Supervisor</i><br>(05-04-2012) |
| L2   | <b>HT-081-2:2016</b><br>Perkhidmatan Kedi Golf / <i>Golf Caddying Service</i><br>(25-10-10) (06-02-2016)   | <i>Level 2: No Job Title</i>  |  | <b>HT-086-2</b><br><i>Club Fitter</i><br>(05-04-2012)            |
| L1   | <i>Level 1: No Job Title</i>   |   |  | <b>HT-086-1</b><br><i>Assistant Club Fitter</i><br>(05-04-2012)  |
| Area | Cycling  |   | Penyelenggaraan Fasiliti / <i>Facility Maintenance</i>   |  |
|      | <i>Level 4,5: Not Available</i>  |   |  |  |
| L3   | <b>HT-089-3:2016</b><br>Pembaikpulihan dan Penyelenggaraan Basikal / <i>Bicycle Repair and Maintenance</i><br>(04-02-2016)                       |   | <b>HT-093-3:2016</b><br>Perkhidmatan Penyelenggaraan Fasiliti Sukan / <i>Sports Facility Maintenance Service</i><br>(04-02-2016) |  |
| L2   | <b>HT-089-2:2016</b><br>Pemasangan dan Perkhidmatan Basikal / <i>Bicycle Assembly and Service</i><br>(04-02-2016)                                |   | <i>Level 2: No Job Title</i>   |  |
|      | <i>Level 1: No Job Title</i>   |   |  |  |
| Area | Keselamatan Akuatik dan Penyelamatan / <i>Aquatic Safety &amp; Lifeguarding</i>  |   |  |  |
| L5   | <b>HT-202-5:2013</b><br>Pengurusan Keselamatan Akuatik dan Penyelamatan / <i>Aquatic Safety and Lifeguarding Management</i><br>(30-12-2013)      |   |  |  |
| L4   | <b>HT-202-4:2013</b><br>Pentadbiran Keselamatan Akuatik dan Penyelamatan / <i>Aquatic Safety and Lifeguarding Administration</i><br>(30-12-2013) |   |  |  |
| L3   | <b>HT-202-3:2013</b><br>Penyeliaan Keselamatan Akuatik dan Penyelamatan / <i>Aquatic Safety and Lifeguarding Supervision</i><br>(30-12-2013)     |   |  |  |
| L2   | <b>HT-202-2:2013</b><br>Operasi Keselamatan Akuatik dan Penyelamatan / <i>Aquatic Safety and Lifeguarding Operation</i><br>(30-12-2013)          |   |  |  |
|      | <i>Level 1: No Job Title</i>   |   |  |  |

| Area  | <i>Electronic Sports</i>   | <i>Pengurusan Acara Sukan / Sports Event Management</i>   |
|---|--|---|
|   | <i>Level 4,5: Not Available</i>  |   |
| L3  | <b>R931-001-3:2021</b><br>Kejurulatihan Sukan Elektronik / <i>Electronic Sports Coaching</i><br>(23-02-2021)               | <b>HT-203-3:2014</b><br>Koordinasi Acara Sukan / <i>Sports Event Coordination</i><br>(25-09-2014)                             |
|   | <i>Level 1,2: No Job Title</i>   |   |
| <b>BAHAGIAN/DIVISION: R93</b><br><i>SPORTS ACTIVITIES AND AMUSEMENT AND RECREATION ACTIVITIES</i> |  | <b>KUMPULAN/GROUP: R932</b><br><i>OTHER AMUSEMENT AND RECREATION ACTIVITIES</i>   |
| <i>(Please refer general training prerequisite in NOSS document)</i>                              |  |   |
| Area  | <i>Rekreasi Luar / Outdoor Recreation</i>  | <i>Rekreasi Air / Water Recreation</i>  |
|   | <i>Level 4,5: Not Available</i>  |   |
| L3  | <b>ET-013-3:2013</b><br>Perkhidmatan Rekreasi Luar / <i>Outdoor Recreational Services</i><br>(29-07-2013)                  | <b>HT-062-3:2012</b><br>Operasi Pengemudian Rekreasi Air / <i>Water Recreation Navigation Operation</i><br>(17-07-2012)       |
|   | <i>Level 1,2: No Job Title</i>   |   |
| Area  | <i>Taman Kering / Dry Park</i>   | <i>Taman Air / Water Park</i>   |
| L5  | <b>HT-190-5:2012</b><br>Pengurusan Taman Tema / <i>Theme Park Attractions Management</i><br>(24-09-98) (18-12-2012)        |   |
| L4  | <b>HT-190-4:2012</b><br>Pengurusan Taman Tema / <i>Theme Park Attractions Management</i><br>(24-09-98) (18-12-2012)        |   |
| L3  | <b>HT-190-3:2012</b><br>Operasi Taman Tema / <i>Theme Park Attractions Operations</i><br>(24-09-98) (18-12-2012)           |   |
|   | <i>Level 1,2: No Job Title</i>   |   |
| Area  | <i>Penyelaman Skuba Rekreasi / Recreational Scuba Diving</i>   |   |
| L5  | <b>HT-400-5:2013</b><br>Pengurusan Operasi Selam Skuba / <i>Scuba Dive Operation Management</i><br>(22-04-99) (24-04-2013) | <b>U-020-5</b><br>Pengajar Jurulatih Selam Skuba Rekreasi / <i>Recreational Scuba Diving Instructor Trainer</i><br>(22-04-99) |
| L4  | <b>HT-400-4:2013</b><br>Pengurusan Operasi Selam Skuba / <i>Scuba Dive Operation Management</i><br>(22-04-99) (24-04-2013) | <b>U-020-4</b><br>Jurulatih Selam Skuba Rekreasi / <i>Recreational Scuba Diving Instructor</i><br>(22-04-99)                  |
| L3  | <b>HT-401-3:2014</b><br>Penyelenggaraan Selam Skuba / <i>Scuba Dive Maintenance</i><br>(02-04-2014)                        | <b>HT-400-3:2013</b><br>Operasi Selam Skuba / <i>Scuba Dive Operation</i><br>(22-04-99) (05-04-2012) (24-04-2013)             |
|   | <i>Level 1,2: No Job Title</i>   |   |

## 26. STANDARD DI BAWAH SEKSYEN EKONOMI MSIC S: AKTIVITI PERKHIDMATAN LAIN

| <b>SECTION S: OTHER SERVICE ACTIVITIES</b> |   |  |
|--|---|--|
| <b>BAHAGIAN/<br/>DIVISION</b>              | <b>KUMPULAN/<br/>GROUP</b>                                  | <b>KETERANGAN/<br/>DESCRIPTION</b>   |
| <b>S94</b>                                 | <b>ACTIVITIES OF MEMBERSHIP ORGANIZATIONS</b>               |  |
|  | <b>S941</b>   | <i>ACTIVITIES OF BUSINESS, EMPLOYERS AND PROFESSIONAL MEMBERSHIP ORGANIZATIONS</i> |
|  | <b>S942</b>   | <i>ACTIVITIES OF TRADE UNIONS</i>  |
|  | <b>S949</b>   | <i>ACTIVITIES OF OTHER MEMBERSHIP ORGANIZATIONS</i>                                |
| <b>S95</b>                                 | <b>REPAIR OF COMPUTERS AND PERSONAL AND HOUSEHOLD GOODS</b> |  |
|  | <b>S951</b>   | <i>REPAIR OF COMPUTER AND COMMUNICATION EQUIPMENT</i>                              |
|  | <b>S952</b>   | <i>REPAIR OF PERSONAL AND HOUSEHOLD GOODS</i>                                      |
| <b>S96</b>                                 | <b>OTHER PERSONAL SERVICE ACTIVITIES</b>                    |  |
|  | <b>S960</b>   | <i>OTHER PERSONAL ACTIVITIES</i>   |

| <b>BAHAGIAN/DIVISION: S94</b><br><i>ACTIVITIES OF MEMBERSHIP ORGANIZATIONS</i> |   | <b>KUMPULAN/GROUP: S941</b><br><i>ACTIVITIES OF BUSINESS, EMPLOYERS AND PROFESSIONAL MEMBERSHIP ORGANIZATIONS</i> |
|--|---|---|
| <i>(Please refer general training prerequisite in NOSS document)</i>           |   |   |
| <b>Area</b>  | <b>Kerja Belia / Youth Work</b>   |   |
| <b>L5</b>  | <b>S941-001-5:2020</b><br>Pengurusan Kerja Belia / Youth Work Management<br>(03-09-2020)      |   |
| <b>L4</b>  | <b>S941-001-4:2020</b><br>Penyelarasan Kerja Belia / Youth Work Coordination<br>(03-09-2020)  |   |
| <b>L3</b>  | <b>S941-001-3:2020</b><br>Pelaksanaan Kerja Belia / Youth Work Implementation<br>(03-09-2020) |   |
|  | <i>Level 1,2: No Job Title</i>  |   |

| <b>BAHAGIAN/DIVISION: S94</b><br><i>ACTIVITIES OF MEMBERSHIP ORGANIZATIONS</i> |   | <b>KUMPULAN/GROUP: S949</b><br><i>ACTIVITIES OF OTHER MEMBERSHIP ORGANIZATIONS</i> |
|--|---|--|
| <i>(Please refer general training prerequisite in NOSS document)</i>           |   |  |
| <b>Area</b>  | <b>Perkhidmatan Dakwah</b>  |  |
|  | <i>Level 4,5: Not Available</i>   |  |
| <b>L3</b>  | <b>S949-001-3:2021</b><br>Dakwah Islam / Islamic Da'wah<br>(23-02-2021) |  |
|  | <i>Level 1,2: No Job Title</i>  |  |



| BAHAGIAN/DIVISION: S96<br>OTHER PERSONAL SERVICE ACTIVITIES          |  | KUMPULAN/GROUP: S960<br>OTHER PERSONAL ACTIVITIES  |  |
|--|--|--|--|
| <i>(Please refer general training prerequisite in NOSS document)</i> |  |  |  |
| <b>Terapi Kecantikan / Beauty Therapy</b>                            |  |  |  |
| <b>L5</b>  | <b>MP-060-5:2013</b><br>Pengurusan Terapi Estetik / <i>Aesthetic Therapy Management</i><br>(19-07-2001)(19-4-2011)(30-12-2013)                                   | <b>S960-001-5:2017</b><br>Pengurusan SPA / <i>SPA Management</i><br>(19-04-2011) (28-03-2017)                            |  |
| <b>L4</b>  | <b>MP-060-4:2013</b><br>Penyeliaan Terapi Estetik / <i>Aesthetic Therapy Supervision</i><br>(19-07-2001)(19-4-2011)(30-12-2013)                                  | <b>S960-001-4:2017</b><br>Pentadbiran SPA / <i>SPA Administration</i><br>(19-04-2011) (28-03-2017)                       |  |
| <b>L3</b>  | <b>S960-002-3:2020</b><br>Perkhidmatan Estetik / <i>Aesthetic Services</i><br>(30-09-2000)(19-4-2011)(30-12-2013)(03-09-2020)                                    | <b>MP-061-3:2012</b><br>Terapi Spa / <i>Spa Therapy</i><br>(30-10-2007) (17-07-2012)                                     |  |
| <b>L2</b>  | <b>S960-002-2:2020</b><br>Perkhidmatan Terapi Kecantikan / <i>Beauty Therapy Services</i><br>(28-11-95)(19-07-96)(30-09-2000)(19-4-2011)(30-12-2013)(03-09-2020) | <i>Level 2: No Job Title</i>   |  |
| <b>L1</b>  | <b>S960-002-1:2020</b><br>Perkhidmatan Kecantikan / <i>Beauty Services</i><br>(28-11-95)(19-07-96)(30-09-2000)(19-4-2011)(30-12-2013)(03-09-2020)                | <i>Level 1: No Job Title</i>   |  |
| <b>Seni Kuku / Nail Artistry</b>                                     |  |  |  |
| <i>Level 5: Not Available</i>  |  | <b>Trikologi / Trichology</b>  |  |
| <i>Level 5: Not Available</i>  |  | <i>Level 5: Not Available</i>  |  |
| <b>L4</b>  | <b>MP-062-4:2013</b><br>Pengurusan Seni Hiasan Kuku / <i>Nail Artistry Management</i><br>(30-12-2013)  | <i>Level 4: Not Available</i>  |  |
| <b>L3</b>  | <b>MP-062-3:2012</b><br>Seni Hiasan Kuku / <i>Nail Artistry</i><br>(18-12-2012)  | <b>MP-064-3:2014</b><br>Terapi Rambut & Kulit Kepala / <i>Hair &amp; Scalp Therapy</i><br>(16-12-2014)                   |  |
| <i>Level 1,2: No Job Title</i>                                       |  |  |  |
| <b>Seni Solekan / Make-up Artistry</b>                               |  | <b>Make Up For Film &amp; TV</b>   |  |
| <b>L5</b>  | <b>S960-006-5:2021</b><br>Kesenian Solekan Kesan Khas / <i>Special Effect Make-Up Artistry</i><br>(29-10-2021)   |  |  |
| <b>L4</b>  | <b>S960-006-4:2021</b><br>Kesenian Solekan Karakter / <i>Character Make-Up Artistry</i><br>(29-10-2021)  |  |  |
| <b>L3</b>  | <b>S960-004-3:2021</b><br>Seni Solekan Kreatif / <i>Creative Make-up Artistry</i><br>(18-12-2012)(23-02-2021)  | <b>AC-061-3:2013</b><br>Solekan Filem & TV Antarabangsa / <i>Make-Up For International Film &amp; TV</i><br>(29-07-2013) |  |
| <b>L2</b>  | <b>S960-004-2:2021</b><br>Seni Solekan / <i>Make-up Artistry</i><br>(18-12-2012)(23-02-2021)   | <i>Level 2: No Job Title</i>   |  |
| <i>Level 1: No Job Title</i>   |  |  |  |

| <b>Area</b>                     | <b>Rekaan Rambut / Hairstyle</b>  | <b>Pengguntingan Rambut / Barbering</b>   | <b>Perundingan Imej / Image Consultation</b>   |
|---------------------------------|---|---|--|
| <b>L5</b>                       | <b>HT-090-5:2014</b><br>Pengurusan Salun Rambut / <i>Hair Saloon Management</i><br>(19-10-2004)(23-06-2009)(16-12-2014)                       | <i>Level 5: Not Available</i>   | <b>HT-092-5:2012</b><br>Perundingan Imej / <i>Image Consultation</i><br>(23-10-2012) |
| <b>L4</b>                       | <b>HT-090-4:2014</b><br>Pengurusan Pendandan Rambut Kreatif / <i>Creative Hairdressing Management</i><br>(19-10-2004)(23-06-2009)(16-12-2014) | <i>Level 4: Not Available</i>   | <b>HT-092-4:2012</b><br>Perundingan Imej / <i>Image Consultation</i><br>(23-10-2012) |
| <b>L3</b>                       | <b>HT-090-3:2012</b><br>Dandanan Rambut / <i>Hairdressing</i><br>(12-04-96)(10-10-2002)(30-10-2007)(18-12-2012)                               | <b>S960-003-3:2021</b><br>Pengguntingan Rambut / <i>Barbering</i><br>(25-10-10)(23-02-2021) | <i>Level 3: No Job Title</i>   |
| <b>L2</b>                       | <b>HT-090-2:2012</b><br>Dandanan Rambut / <i>Hairdressing</i><br>(12-04-96)(10-10-2002)(30-10-2007)(18-12-2012)                               | <b>S960-003-2:2021</b><br>Pengguntingan Rambut / <i>Barbering</i><br>(25-10-10)(23-02-2021) | <i>Level 2: No Job Title</i>   |
| <i>Level 1: No Job Title</i>    |   |   |  |
| <b>Area</b>                     | <b>Penjagaan (Selepas Waktu Sekolah) / Carer (After School)</b>   |   |  |
| <i>Level 4,5: Not Available</i> |   |   |  |
| <b>L3</b>                       | <b>OT-033-3</b><br>Penjaga Kanan (Selepas Waktu Sekolah) / <i>Senior Carer (After School)</i><br>(01-10-09)                                   |   |  |
| <b>L2</b>                       | <b>OT-033-2</b><br>Penjaga (Selepas Waktu Sekolah) / <i>Carer (After School)</i><br>(01-10-09)  |   |  |
| <i>Level 1: No Job Title</i>    |   |   |  |
| <b>Area</b>                     | <b>Operasi Pemeriksaan Kenderaan Bermotor / Motor Vehicle Inspection (Road Worthiness) - Operation</b>  |   |  |
| <b>L5</b>                       | <b>TP-305-5</b><br>Pengurusan Pemeriksaan Kenderaan / <i>Vehicle Inspection Management</i><br>(05-04-2012)                                    |   |  |
| <b>L4</b>                       | <b>TP-305-4</b><br>Pengurusan Pemeriksaan Kenderaan / <i>Vehicle Inspection Management</i><br>(05-04-2012)                                    |   |  |
| <b>L3</b>                       | <b>TP-036-3:2015</b><br>Pemeriksaan Kenderaan Bermotor / <i>Motor Vehicle Inspection</i><br>(23-06-2009) (24-11-2015)                         |   |  |
| <i>Level 1,2: No Job Title</i>  |   |   |  |
| <b>Area</b>                     | <b>Latihan Pengajar Pemanduan Kenderaan / Vehicle Driving Instructor Training</b>   |   |  |
| <i>Level 4,5: Not Available</i> |   |   |  |
| <b>L3</b>                       | <b>TP-321-3:2012</b><br>Latihan Pengajar Pemanduan Kereta Profesional / <i>Professional Fleet Driving Instructor Training</i><br>(23-10-2012) |   |  |
| <b>L2</b>                       | <b>TP-321-2:2012</b><br>Latihan Pengajar Pemanduan Kenderaan Berat / <i>Heavy Vehicles Driving Instructor Training</i><br>(23-10-2012)        |   |  |
| <b>L1</b>                       | <b>TP-321-1:2012</b><br>Latihan Pengajar Pemanduan Kenderaan Ringan / <i>Light Vehicles Driving Instructor Training</i><br>(23-10-2012)       |   |  |
| <b>Area</b>                     | <b>Used Vehicle Assessment</b>  |   |  |
| <i>Level 4,5: Not Available</i> |   |   |  |
| <b>L3</b>                       | <b>S960-005-3:2021</b><br>Penilaian Kenderaan Terpakai / <i>Used Vehicle Evaluation</i><br>(23-02-2021)                                       |   |  |
| <i>Level 1,2: No Job Title</i>  |   |   |  |

**27. STANDARD DI BAWAH SEKSYEN EKONOMI MSIC T: AKTIVITI ISI RUMAH SEBAGAI MAJIKAN; AKTIVITI MENGELUARKAN BARANGAN DAN PERKHIDMATAN YANG TIDAK DAPAT DIBEZAKAN OLEH ISI RUMAH UNTUK KEGUNAAN SENDIRI**

| <b>SECTION T: ACTIVITIES OF HOUSEHOLDS AS EMPLOYERS; UNDIFFERENTIATED GOODS- AND SERVICES- PRODUCING ACTIVITIES OF HOUSEHOLDS FOR OWN USE</b> |  |  |
|---|--|--|
| <b>BAHAGIAN/<br/>DIVISION</b>   | <b>KUMPULAN/<br/>GROUP</b>   | <b>KETERANGAN/<br/>DESCRIPTION</b>   |
| <b>T97</b>  | <b>ACTIVITIES OF HOUSEHOLDS AS EMPLOYERS OF DOMESTIC PERSONNEL</b>                                 |  |
|   | <b>T970</b>  | ACTIVITIES OF HOUSEHOLDS AS EMPLOYERS OF DOMESTIC PERSONNEL                      |
| <b>T98</b>  | <b>UNDIFFERENTIATED GOODS- AND SERVICES-PRODUCING ACTIVITIES OF PRIVATE HOUSEHOLDS FOR OWN USE</b> |  |
|   | <b>T981</b>  | UNDIFFERENTIATED GOODS- PRODUCING ACTIVITIES OF PRIVATE HOUSEHOLDS FOR OWN USE   |
|   | <b>T982</b>  | UNDIFFERENTIATED SERVICE- PRODUCING ACTIVITIES OF PRIVATE HOUSEHOLDS FOR OWN USE |

| <b>BAHAGIAN/DIVISION: T97</b><br>ACTIVITIES OF HOUSEHOLDS AS EMPLOYERS OF DOMESTIC PERSONNEL |  | <b>KUMPULAN/GROUP: T970</b><br>ACTIVITIES OF HOUSEHOLDS AS EMPLOYERS OF DOMESTIC PERSONNEL |
|--|--|--|
| <i>(Please refer general training prerequisite in NOSS document)</i>                         |  |  |
| <b>Area</b>  | <b>Pekerja Domestik / Domestic Worker</b>  |  |
|  | <i>Level 4,5: Not Available</i>  |  |
| <b>L3</b>  | <b>CC-020-3:2014</b><br>Penyeliaan Pekerja Domestik / Domestic Worker Supervision<br>(16-12-2014)        |  |
| <b>L2</b>  | <b>CC-020-2:2014</b><br>Operasi Pekerja Domestik / Domestic Worker Operation<br>(27-09-2004)(16-12-2014) |  |
|  | <i>Level 1: No Job Title</i>   |  |

| <b>BAHAGIAN/DIVISION: T98</b><br>UNDIFFERENTIATED GOODS- AND SERVICES-PRODUCING ACTIVITIES OF PRIVATE HOUSEHOLDS FOR OWN USE |   | <b>KUMPULAN/GROUP: T982</b><br>UNDIFFERENTIATED SERVICE- PRODUCING ACTIVITIES OF PRIVATE HOUSEHOLDS FOR OWN USE |
|--|---|---|
| <i>(Please refer general training prerequisite in NOSS document)</i>   |   |   |
| <b>Area</b>  | <b>Pengasuhan dan Pendidikan Awal Kanak-Kanak (ECCD) / Early Childhood Care and Development (ECCD)</b>  |   |
| <b>L5</b>  | <b>T982-001-5:2018</b><br>Pengurusan Pengasuhan dan Pendidikan Perkembangan Awal Kanak-Kanak / Early Childhood Care and Development Management<br>(05-03-2008)(18-12-2012)(06-02-2018)  |   |
| <b>L4</b>  | <b>T982-001-4:2018</b><br>Penyeliaan Pengasuhan dan Pendidikan Perkembangan Awal Kanak-Kanak / Early Childhood Care and Development Supervision<br>(05-03-2008)(18-12-2012)(06-02-2018) |   |
| <b>L3</b>  | <b>T982-001-3:2017</b><br>Pengasuhan dan Pendidikan Awal Kanak-Kanak / Early Childhood Care and Development Education<br>(05-03-2008)(18-12-2012)(28-03-2017)                           |   |
|  | <i>Level 1,2: No Job Title</i>  |   |

## 28. STANDARD DI BAWAH SEKSYEN EKONOMI MSIC U: AKTIVITI BADAN DAN PERTUBUHAN LUAR WILAYAH

| <b>SECTION U: ACTIVITIES OF EXTRATERRITORIAL ORGANIZATIONS AND BODIES</b> |  |  |
|---|--|--|
| <b>BAHAGIAN/<br/>DIVISION</b>   | <b>KUMPULAN/<br/>GROUP</b>                                     | <b>KETERANGAN/ DESCRIPTION</b>                                 |
| <b>U99</b>  | <b>ACTIVITIES OF EXTRATERRITORIAL ORGANIZATIONS AND BODIES</b> |  |
|   | <b>U990</b>  | <b>ACTIVITIES OF EXTRATERRITORIAL ORGANIZATIONS AND BODIES</b> |

**29. STANDARD KETERAMPILAN KEBANGSAAN (SKK)/ NATIONAL COMPETENCY STANDARD (NCS)**

|                                  | <b>Bidang SKK/ NCS Area</b>   | <b>Kod/ Code</b>   | <b>Bilangan/ No.</b> |
|----------------------------------|---|--|----------------------|
| 1.                               | Kemahiran Teras/ <i>Core Abilities*</i>   | Z-009-1:2015<br>Z-009-2:2015<br>Z-009-3:2015<br>Z-009-4:2015<br>Z-009-5:2015 | 5                    |
| 2.                               | Teknologi Maklumat & Komunikasi / <i>Information &amp; Communications Technology</i>    | NCS-006:2017<br>Z-010<br>Z-011   | 3                    |
| 3.                               | Pembinaan/ <i>Construction</i>  | Z-004  | 1                    |
| 4.                               | Makanan Halal dan Produk Pengguna Halal / <i>Halal Food and Halal Consumer Products</i> | Z-020  | 1                    |
| 5.                               | Kawalan Kualiti / <i>Quality Control</i>  | Z-030  | 1                    |
| 6.                               | Teknologi Hijau/ <i>Green Tech</i>  | Z-050<br>NCS-018:2023  | 2                    |
| 7.                               | Keselamatan/ <i>Security</i>  | Z-060  | 1                    |
| 8.                               | Pemudahcaraan / <i>Facilitation</i>   | NCS-011:2019   | 1                    |
| 9.                               | Jurupandu Warisan Budaya / <i>Cultural Heritage Guide</i>                               | Z-013  | 1                    |
| 10.                              | Teksi Pelancongan / <i>Tourist Taxi</i>   | Z-014  | 1                    |
| 11.                              | Perolehan Mampan / <i>Sustainable Procurement</i>                                       | NCS-001:2016   | 4                    |
| 12.                              | Penyeliaan / <i>Supervisory</i>   | NCS-002:2017   | 1                    |
| 13.                              | Pengurusan Tenaga / <i>Energy Management</i>  | NCS-003:2017   | 1                    |
| 14.                              | Tenaga Pengajar / <i>Trainer</i>  | NCS-004:2017   | 1                    |
| 15.                              | Stesen Pengecas Kenderaan Elektrik / <i>Electric Vehicle (EV) Charging Station</i>      | NCS-005:2017   | 1                    |
| 16.                              | Pekerja Asing / <i>Foreign Workers</i>  | NCS-007:2018   | 1                    |
| 17.                              | Halal Logistik / Halal Logistics  | NCS-008:2018   | 1                    |
| 18.                              | Pengurusan Pematuhan Syariah Dalaman / <i>Internal Shariah Compliance Management</i>    | NCS-009:2018   | 1                    |
| 19.                              | Hosting Komuniti Setempat / <i>Localised Community Hosting</i>                          | NCS-010:2018   | 1                    |
| 20.                              | Pengurusan Keselamatan Sosial / <i>Social Security Administration</i>                   | NCS-012:2020   | 1                    |
| 21.                              | Asas Keusahawanan / <i>Fundamentals of Entrepreneurship</i>                             | NCS-013:2021   | 1                    |
| 22.                              | Pembangunan Keusahawanan / <i>Entrepreneurship Development</i>                          | NCS-014:2021   | 1                    |
| 23.                              | Kewangan Keusahawanan / <i>Entrepreneurial Finance</i>                                  | NCS-015:2021   | 1                    |
| 24.                              | Operasi Kimpalan Dasar Laut / <i>Underwater Welding Operation</i>                       | NCS-016:2021   | 1                    |
| 25.                              | Keselamatan, Kesihatan Dan Alam Sekitar / <i>Safety, Health And Environment</i>         | NCS-017:2023   | 1                    |
| <b>Jumlah NCS/ Total of NCS:</b> |   |  | <b>35</b>            |

**\*tidak ditawarkan untuk program persijilan / not available for certification**

| Bil. | Bidang SKK/ NCS Area  | KOD & TAJUK SKK/NCS (TIADA TAHAP)  |  |   |   |
|------|---|--|--|---|---|
| 1    | KEMAHIRAN TERAS<br>(CORE ABILITIES)   | Z-009-1:2015<br>Kemahiran Teras / <i>Core Abilities</i><br>(01-06-06) (31-03-2015)   | Z-009-2:2015<br>Kemahiran Teras / <i>Core Abilities</i><br>(01-06-06) (31-03-2015)               | Z-009-3:2015<br>Kemahiran Teras / <i>Core Abilities</i><br>(01-06-06) (31-03-2015)  |   |
|      |   | Z-009-4:2015<br>Kemahiran Teras / <i>Core Abilities</i><br>(01-06-06) (31-03-2015)   |  | Z-009-5:2015<br>Kemahiran Teras / <i>Core Abilities</i><br>(31-03-2015)             |   |
| 2    | TEKNOLOGI MAKLUMAT & KOMUNIKASI<br>(INFORMATION & COMMUNICATIONS TECHNOLOGY)        | NCS-006:2017<br>Kemahiran Asas Digital / <i>Digital Essentials</i><br>(19-04-2001) (27-11-2017)  | Z-010<br>Sijil IP Associate / <i>Certificate IP Associate</i><br>(24-03-09)                      | Z-011<br>Jurutera IP Bertauliah / <i>Certified IP Engineer (CIPE)</i><br>(10-12-10) |   |
| 3    | PEMBINAAN<br>(CONSTRUCTION)   | Z-004<br>Pengurus Projek Pembinaan / <i>Project Manager Construction</i><br>(28-08-2002)   |  |   |   |
| 4    | MAKANAN HALAL DAN PRODUK PENGGUNA HALAL<br>(HALAL FOOD AND HALAL CONSUMER PRODUCTS) | Z-020<br>Pematuhan Produk Halal / <i>Halal Product Compliances</i><br>(23-06-2009)   |  |   |   |
| 5    | KAWALAN KUALITI<br>(QUALITY CONTROL)  | Z-030<br>Kawalan Kualiti & Metrologi / <i>Metrology &amp; Quality Control</i><br>(25-10-2010)  |  |   |   |
| 6    | TEKNOLOGI HIJAU<br>(GREEN TECHNOLOGY)   | Z-050<br>Pematuhan Hijau / <i>Green Compliances</i><br>(25-10-2010) (31-03-2015)   | NCS-018:2023<br>Pematuhan Bandar Rendah Karbon / <i>Low Carbon City Compliance</i><br>(8-5-2023) |   |   |
| 7    | KESELAMATAN<br>(SECURITY)   | Z-060<br>Latihan Menembak Menggunakan Senjata Api / <i>Firearm Practical Shooting</i><br>(10-12-10)  |  |   |   |
| 8    | PEMUDAHCARAAN<br>(FACILITATION)   | NCS-011:2019<br>Pemudahcaraan / <i>Facilitation</i><br>(19-4-2011) (30-01-2019)  |  |   |   |
| 9    | JURUPANDU WARISAN BUDAYA<br>(CULTURAL HERITAGE GUIDE)                               | Z-013<br>Pakar Jurupandu Warisan Budaya / <i>Cultural Heritage Specialist Guide</i><br>(19-4-2011)   |  |   |   |
| 10   | TEKSI PELANCONGAN<br>(TOURIST TAXI)   | Z-014<br>Keusahawanan Teksi Pelancongan / <i>Tourist Taxi Entrepreneurship</i><br>(11-10-2016)   |  |   |   |
| 11   | PEROLEHAN MAMPAN<br>(SUSTAINABLE PROCUREMENT)                                       | NCS-001-2:2016<br>Perolehan Mampan / <i>Sustainable Procurement</i><br>(06-12-2016)  | NCS-001-3:2016<br>Perolehan Mampan / <i>Sustainable Procurement</i><br>(06-12-2016)              | NCS-001-4:2016<br>Perolehan Mampan / <i>Sustainable Procurement</i><br>(06-12-2016) | NCS-001-5:2016<br>Perolehan Mampan / <i>Sustainable Procurement</i><br>(06-12-2016) |
| 12   | PENYELIAAN<br>(SUPERVISORY)   | NCS-002:2017<br>Penyeliaan (Dokumen ini digunakan bersama NOSS-NOSS Yang Bertanda @ di atas)<br><i>Supervisory (This document is to be used with the NOSS indicated by @ above)</i><br>(10-04-95) (24-04-2013) |  |   |   |
| 13   | PENGURUSAN TENAGA<br>(ENERGY MANAGEMENT)  | NCS-003:2017<br>Sistem Pengurusan Tenaga untuk Bangunan / <i>Energy Management System for Buildings</i><br>(13-06-2017)  |  |   |   |
| 14   | TENAGA PENGAJAR<br>(TRAINER)  | NCS-004:2017<br>Latihan Tenaga Pengajar / <i>Train The Trainer</i><br>(10-12-10) (21-08-2017)  |  |   |   |

|    |  |   |   |   |
|----|--|---|---|---|
| 15 | <b>STESEN PENGECAS KENDERAAN ELEKTRIK (ELECTRIC VEHICLE (EV) CHARGING STATION)</b>   | <b>NCS-005:2017</b><br>Pemasangan dan Penyelenggaraan Stesen Pengecas Kenderaan Elektrik / <i>Electric Vehicle (EV) Charging Station Installation and Maintenance</i><br>(27-11-2017)   |   |   |
| 16 | <b>PEKERJA ASING (FOREIGN WORKERS)</b>   | <b>NCS-007:2018</b><br>Pekerja Asing di Malaysia / <i>Foreign Workers in Malaysia</i><br>(28-08-2003) (30-12-2003) (06-02-2018)   |   |   |
| 17 | <b>HALAL LOGISTIK (HALAL LOGISTICS)</b>  | <b>NCS-008:2018</b><br>Amalan Halal Logistik / <i>Halal Logistics Practice</i><br>(06-02-2018)  |   |   |
| 18 | <b>PENGURUSAN PEMATUHAN SHARIAH DALAMAN (INTERNAL SHARIAH COMPLIANCE MANAGEMENT)</b> | <b>NCS-009:2018</b><br>Pengurusan Pematuhan Syariah Dalaman (Perbankan Islam dan Takaful) / <i>Internal Shariah Compliance Management (Islamic Banking and Takaful)</i><br>(06-02-2018) |   |   |
| 19 | <b>HOSTING KOMUNITI SETEMPAT (LOCALISED COMMUNITY HOSTING)</b>                       | <b>NCS-010:2018</b><br>Hosting Komuniti Setempat / <i>Localised Community Hosting</i><br>(07-05-2018)   |   |   |
| 20 | <b>PENGURUSAN KESELAMATAN SOSIAL (SOCIAL SECURITY ADMINISTRATION)</b>                | <b>NCS-012:2020</b><br>Pengurusan Keselamatan Sosial / <i>Social Security Administration</i><br>(13-11-2020)  |   |   |
| 21 | <b>ENTREPRENEURSHIP (KEUSAHAWANAN)</b>   | <b>NCS-013:2021</b><br>Asas Keusahawanan / <i>Fundamentals of Entrepreneurship</i><br>(29-10-2021)  | <b>NCS-014:2021</b><br>Pembangunan Keusahawanan / <i>Entrepreneurship Development</i><br>(29-10-2021) | <b>NCS-015:2021</b><br>Kewangan Keusahawanan / <i>Entrepreneurial Finance</i><br>(29-10-2021) |
| 22 | <b>KIMPALAN DASAR LAUT (UNDERWATER WELDING)</b>                                      | <b>NCS-016:2021</b><br>Operasi Kimpalan Dasar Laut / <i>Underwater Welding Operation</i><br>(29-10-2021)  |   |   |
| 23 | <b>KESELAMATAN, KESIHATAN DAN ALAM SEKITAR (SAFETY, HEALTH AND ENVIRONMENT)</b>      | <b>NCS-017:2023</b><br>Pengurusan Keselamatan, Kesihatan Dan Alam Sekitar / <i>Safety, Health And Environment Management</i><br>(8-5-2023)  |   |   |

**30. KURIKULUM SISTEM LATIHAN DUAL NASIONAL YANG DILULUSKAN SEBAGAI SKPK  
(NATIONAL DUAL TRAINING SYSTEM CURRICULUM ENDORSED AS NOSS)**

| SEKTOR/ SECTOR                        |   | KOD/<br>CODE | JUMLAH K-SLDN |
|---------------------------------------|---|--------------|---------------|
| 1                                     | Elektrik & Elektronik, Telekomunikasi & Industri Penyiaran<br>( <i>Electrical &amp; Electronic, Telecommunication &amp; Broadcasting Industry</i> ) | EL, IE       | 2             |
| 2                                     | Pemesinan & Peralatan<br>( <i>Machinery &amp; Equipment</i> )   | PT, SF       | 4             |
| 3                                     | Perkhidmatan & Penyelenggaraan Mekanikal & Elektrik<br>( <i>Mechanical &amp; Electrical Service and Maintenance</i> )                               | EL           | 1             |
| 4                                     | Pengangkutan<br>( <i>Transportation</i> )   | MR, AT, RW   | 10            |
| 5                                     | Percetakan<br>( <i>Printing</i> )   | PR           | 1             |
| 6                                     | Hospitaliti & Pelancongan<br>( <i>Hospitality &amp; Tourism</i> )   | HL, PS       | 2             |
| 7                                     | Lanskap & Alam Sekitar<br>( <i>Landscaping &amp; Environmental</i> )  | CN, EV       | 4             |
| 8                                     | Minyak & Gas<br>( <i>Oil &amp; Gas</i> )  | PC           | 5             |
| <b>Jumlah K-SLDN/ Total of C-NDTS</b> |   |              | <b>29</b>     |

| SEKTOR 1/8: ELEKTRIK & ELECTRONIK, TELEKOMUNIKASI & INDUSTRI PENYIARAN<br>SECTOR 1/8: ELECTRICAL & ELECTRONIC, TELECOMMUNICATION & BROADCASTING INDUSTRY |  |  |   |
|--|--|--|---|
| <b>TAHAP 3<br/>(LEVEL 3)</b>   | <b>EL01</b><br>Pendawaian Elektrik Domestik dan Kormersial Ringan / Domestic<br>and Light Commercial Electrical Wiring<br>(23-6-2009)                                  |  | <b>IE01</b><br>Proses Automasi / Process<br>Automation<br>(23-6-2009)           |
| SEKTOR 2/8: PEMESINAN & PERALATAN<br>SECTOR 2/8: MACHINERY & EQUIPMENT   |  |  |   |
| <b>TAHAP 3<br/>(LEVEL 3)</b>   | <b>PT01</b><br>Pembuatan Perkakasan<br>(Acuan & Dai) / Toolmaking<br>(Mould & Die)<br>(23-6-09)  | <b>PT02</b><br>Pembuatan Perkakasan (Acuan & Dai)-<br>Kategori Besar / Toolmaking (Mould &<br>Die) – Large Category<br>(23-6-09) | <b>PT03</b><br>Penuangan Acuan<br>Tekanan / Pressure<br>Diecasting<br>(23-6-09) |
| <b>TAHAP 3<br/>(LEVEL 3)</b>   | <b>SF01</b><br>Fabrikasi Logam / Metal Fabrication<br>(23-06-09)   |  |   |
| SEKTOR 3/8: PERKHIDMATAN & PENYELENGGARAAN MEKANIKAL & ELEKTRIK<br>SECTOR 3/8: MECHANICAL & ELECTRICAL SERVICE AND MAINTENANCE                           |  |  |   |
| <b>TAHAP 3<br/>(LEVEL 3)</b>   | <b>EL02</b><br>Penyejukbekuan dan Penyamanan Udara Domestik dan Kormersial Ringan / Domestic and Light<br>Commercial Refrigeration and Air-Conditioning<br>(23-6-2009) |  |   |



| <b>SEKTOR 4/8: PENGANGKUTAN</b><br><b>SECTOR 4/8: TRANSPORTATION</b>                                |   |  |   |
|---|---|--|---|
| <b>Area</b>   | <b>Maritim / Maritime</b>   |  |   |
| <b>TAHAP 3 (LEVEL 3)</b>  | <b>MR01</b><br>Pemasangan Bot / Boat Assembly<br>(23-6-09)  | <b>MR02</b><br>Pembina Bot Gentian Kaca / Fiber Glass Boat Builder<br>(23-6-09)                      | <i>Not Available</i>  |
| <b>TAHAP 2 (LEVEL 2)</b>  | <i>Not Available</i>  | <b>MR03</b><br>Operasi 'Rating' Enjin Marin / Marine Engine Rating Operation<br>(23-6-09)            | <b>MR04</b><br>Operasi 'Rating' Dek Marin / Marine Deck Rating Operation<br>(23-6-09)               |
| <b>Area</b>   | <b>Kenderaan Bermotor Automotif / Automotive Motor Vehicle</b>  |  |   |
| <b>TAHAP 3 (LEVEL 3)</b>  | <b>AT01</b><br>Automotif Mekatronik / Automotive Mechatronics<br>(23-6-09)                                | <b>AT02</b><br>Pemasangan Kenderaan / Vehicle Assembly<br>(23-6-09)                                  |   |
|   | <b>AT03</b><br>Automotif Kenderaan Gas Asli (NGV) / Automotive Natural Gas Vehicle (NGV)<br>(23-6-09)     | <b>AT07</b><br>Operasi Alat Ganti Automotif / Automotive Parts Operation<br>(23-6-09)                |   |
|   | <b>AT09</b><br>Estimator Kerosakan Automotif / Automotive Collision Damage Estimation<br>(23-6-09)        |  |   |
| <b>Area</b>   | <b>Landasan Keretapi / Railway</b>  |  |   |
| <b>TAHAP 3 (LEVEL 3)</b>  | <b>RW01</b><br>Pembinaan Landasan Keretapi (Kimpalan Rel) / Railway Builder (Rail Welding)<br>(23-6-2009) |  |   |
| <b>SEKTOR 5/8: PERCETAKAN</b><br><b>SECTOR 5/8: PRINTING</b>  |   |  |   |
| <b>TAHAP 3 (LEVEL 3)</b>  | <b>PR01</b><br>Teknologi Percetakan / Printing Technology<br>(23-6-2009)                                  |  |   |
| <b>SEKTOR 6/8: HOSPITALITI &amp; PELANCONGAN</b><br><b>SECTOR 6/8: HOSPITALITY &amp; TOURISM</b>    |   |  |   |
| <b>TAHAP 3 (LEVEL 3)</b>  | <b>HL01</b><br>Hotel Kulinari / Hotel Culinary<br>(23-6-2009)   | <b>PS01</b><br>Dandanan Rambut / Hairdresser<br>(23-6-2009)  |   |
| <b>SEKTOR 7/8: LANSKAP &amp; ALAM SEKITAR</b><br><b>SECTOR 7/8: LANDSCAPING &amp; ENVIRONMENTAL</b> |   |  |   |
| <b>Area</b>   | <b>Landskap / Landscaping</b>   |  |   |
| <b>TAHAP 3 (LEVEL 3)</b>  | <b>CN01</b><br>Pembinaan Lanskap / Landscape Construction<br>(23-6-09)                                    |  |   |
| <b>Area</b>   | <b>Alam Sekitar / Environmental</b>   |  |   |
| <b>TAHAP 3 (LEVEL 3)</b>  | <b>EV01</b><br>Pengurusan Bahan Buangan Berjadual / Schedule Waste Management<br>(23-6-09)                | <b>EV02</b><br>Kawalan Pencemaran Udara (Bagfilter) / Air Pollution Control (Bagfilter)<br>(23-6-09) | <b>EV03</b><br>Sistem Rawatan Kumbahan Industri / Industrial Effluent Treatment System<br>(23-6-09) |

| SEKTOR 8/8: MINYAK & GAS     |   |   |
|------------------------------|---|---|
| SECTOR 8/8: OIL & GAS        |   |   |
| Area                         | Petrokimia, Minyak & Gas / Petrochemical, Oil & Gas   |   |
| <b>TAHAP 3<br/>(LEVEL 3)</b> | <b>PC01</b><br>Operasi Loji / <i>Plant Operation</i><br>(23-06-09)                              | <b>PC02</b><br>Drafting Perpaipan / <i>Piping Drafting</i><br>(23-06-09)                                      |
|                              | <b>PC03</b><br>Drafting Struktur Luar Pantai / <i>Offshore Structure Drafting</i><br>(23-06-09) | <b>PC04</b><br>Drafting Instrumentasi & Kawalan / <i>Instrumentation &amp; Control Drafting</i><br>(23-06-09) |
|                              | <b>PC05</b><br>Riggers & Roustabout<br>(23-06-09)   |   |

**31. SENARAI STANDARD:**

Senarai SKPK kod sedia ada kepada kod MSIC/ *List of existing NOSS code to the MSIC Code*  
 (Nota: Rujuk di dalam Daftar untuk nama NOSS dwi-bahasa)

| BIL | KOD MSIC | KOD NOSS        | TAJUK NOSS   | TAHAP |
|-----|----------|-----------------|--|-------|
| 1   | F432     | A-020-1         | JURUBINA BANGUNAN BERASASKAN KAYU                        | 1     |
| 2   | F432     | A-020-2         | JURUBINA BANGUNAN BERASASKAN KAYU                        | 2     |
| 3   | F432     | A-020-3         | JURUTEKNIK BINAAN BANGUNAN BERASASKAN KAYU               | 3     |
| 4   | F432     | A-021-3         | JURUMESIN KAYU   | 3     |
| 5   | A011     | A011-001-2:2018 | OPERASI FLORIKULTUR                                      | 2     |
| 6   | A011     | A011-001-3:2018 | PENYELIAAN OPERASI FLORIKULTUR                           | 3     |
| 7   | A011     | A011-002-2:2022 | OPERASI PENGELUARAN PADI                                 | 2     |
| 8   | A011     | A011-002-3:2022 | PENYELIAAN OPERASI PENGELUARAN PADI                      | 3     |
| 9   | A012     | A012-001-4:2017 | PENGURUSAN TANAMAN NANAS                                 | 4     |
| 10  | A012     | A012-002-2:2020 | OPERASI PENANAMAN LADA (PIPER NIGRUM)                    | 2     |
| 11  | A012     | A012-002-3:2020 | PENYELIAAN OPERASI PENANAMAN LADA (PIPER NIGRUM)         | 3     |
| 12  | A012     | A012-003-2:2020 | OPERASI LADANG GETAH                                     | 2     |
| 13  | A012     | A012-003-3:2020 | PENYELIAAN LADANG GETAH                                  | 3     |
| 14  | A012     | A012-004-2:2020 | OPERASI MEKANISASI LADANG SAWIT                          | 2     |
| 15  | A012     | A012-004-3:2020 | PENYELIAAN OPERASI MEKANISASI LADANG SAWIT               | 3     |
| 16  | A012     | A012-004-4:2020 | PENTADBIRAN OPERASI MEKANISASI KELAPA SAWIT              | 4     |
| 17  | A012     | A012-004-5:2020 | PENGURUSAN MEKANISASI KELAPA SAWIT                       | 5     |
| 18  | A014     | A014-001-2:2019 | PENGENDALIAN LADANG RUMINAN                              | 2     |
| 19  | A014     | A014-001-3:2019 | PENYELIAAN LADANG RUMINAN                                | 3     |
| 20  | A014     | A014-001-4:2017 | PENTADBIRAN LADANG RUMINAN                               | 4     |
| 21  | A014     | A014-001-5:2017 | PENGURUSAN LADANG RUMINAN                                | 5     |
| 22  | A014     | A014-002-4:2017 | KAWALAN OPERASI DAN TEKNIKAL LADANG POLTRI/UNGGAS        | 4     |
| 23  | A014     | A014-002-5:2017 | PENGURUSAN LADANG POLTRI/UNGGAS                          | 5     |
| 24  | A014     | A014-003-3:2018 | OPERASI LADANG TERNAKAN AYAM KAMPUNG                     | 3     |
| 25  | A014     | A014-004-2:2018 | OPERASI LADANG KELULUT                                   | 2     |
| 26  | A014     | A014-004-3:2018 | PENYELIAAN OPERASI LADANG KELULUT                        | 3     |
| 27  | A014     | A014-005-3:2019 | PENGENDALIAN LEMBU TENUSU                                | 3     |
| 28  | A014     | A014-006-3:2022 | OPERASI LADANG POLTRI                                    | 3     |
| 29  | A016     | A016-001-3:2016 | OPERASI PENGELUARAN TANAMAN                              | 3     |
| 30  | A016     | A016-001-4:2016 | PENYELARASAN TEKNOLOGI TANAMAN                           | 4     |
| 31  | A016     | A016-001-5:2016 | PENGURUSAN TEKNOLOGI TANAMAN                             | 5     |
| 32  | A016     | A016-002-4:2017 | KAWALAN OPERASI TEKNOLOGI FERTIGASI                      | 4     |
| 33  | A016     | A016-002-5:2017 | PENGURUSAN OPERASI TEKNOLOGI FERTIGASI                   | 5     |
| 34  | A016     | A016-003-3:2020 | OPERASI JUALAN DAN PEMASARAN PRODUK BERASASKAN PERTANIAN | 3     |
| 35  | A022     | A022-001-2:2017 | OPERASI PRA PEMBALAKAN                                   | 2     |
| 36  | A022     | A022-001-3:2017 | PENYELIAAN PRA PEMBALAKAN                                | 3     |
| 37  | A022     | A022-002-2:2017 | OPERASI PEMBALAKAN - PENARIKAN KAYU                      | 2     |
| 38  | A022     | A022-003-2:2017 | OPERASI PEMBALAKAN - PENEANGAN                           | 2     |

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| 39  | A022     | A022-003-3:2017 | PENYELIAAN OPERASI PEMBALAKAN (PENEANGAN & PENARIKAN KAYU) | 3     |
| 40  | A031     | A031-001-4:2017 | PENGURUSAN VESEL PENANGKAPAN IKAN                          | 4     |
| 41  | A031     | A031-001-5:2018 | PENGURUSAN PERKAPALAN PENANGKAPAN IKAN                     | 5     |
| 42  | A031     | A031-002-3:2022 | OPERASI PERIKANAN TANGKAPAN                                | 3     |
| 43  | A032     | A032-001-4:2017 | PENTADBIRAN OPERASI TERNAKAN AKUAKULTUR AIR TAWAR          | 4     |
| 44  | A032     | A032-001-5:2017 | PENGURUSAN TERNAKAN AKUAKULTUR AIR TAWAR                   | 5     |
| 45  | A032     | A032-002-2:2017 | OPERASI AKUAKULTUR MARIN                                   | 2     |
| 46  | A032     | A032-002-3:2017 | PENYELIAAN OPERASI AKUAKULTUR MARIN                        | 3     |
| 47  | A032     | A032-002-4:2018 | PENTADBIRAN OPERASI TERNAKAN AKUAKULTUR MARIN              | 4     |
| 48  | A032     | A032-002-5:2018 | PENGURUSAN TERNAKAN AKUAKULTUR MARIN                       | 5     |
| 49  | A032     | A032-003-2:2019 | OPERASI AKUAKULTUR IKAN HIASAN MARIN                       | 2     |
| 50  | A032     | A032-003-3:2019 | PENYELIAAN OPERASI AKUAKULTUR IKAN HIASAN MARIN            | 3     |
| 51  | A032     | A032-004-3:2019 | OPERASI PENGELUARAN BENIH IKAN MARIN                       | 3     |
| 52  | A032     | A032-005-3:2020 | OPERASI PENGELUARAN BENIH IKAN AIR TAWAR                   | 3     |
| 53  | A032     | A032-006-2:2022 | OPERASI AKUAKULTUR AIR TAWAR                               | 2     |
| 54  | A032     | A032-006-3:2022 | PENYELIAAN OPERASI AKUAKULTUR AIR TAWAR                    | 3     |
| 55  | A032     | A032-007-2:2023 | TERNAKAN IKAN HIASAN AIR TAWAR                             | 2     |
| 56  | A032     | A032-007-3:2023 | TERNAKAN IKAN HIASAN AIR TAWAR                             | 3     |
| 57  | R900     | AC-020-2:2014   | PERSEMBAHAN MUZIK TRADISIONAL                              | 2     |
| 58  | R900     | AC-020-3:2014   | PERSEMBAHAN MUZIK TRADISIONAL (UTAMA)                      | 3     |
| 59  | R900     | AC-020-4:2014   | MUSIC LEADING  | 4     |
| 60  | R900     | AC-020-5:2014   | PENGARAHAN MUZIK   | 5     |
| 61  | R900     | AC-030-2:2014   | PERSEMBAHAN RITMA BERKUMPULAN                              | 2     |
| 62  | R900     | AC-030-3:2014   | PERSEMBAHAN RITMA BERKUMPULAN (UTAMA)                      | 3     |
| 63  | R900     | AC-031-2:2012   | PERSEMBAHAN MUSIK TRADISIONAL                              | 2     |
| 64  | R900     | AC-031-3:2012   | KOORDINASI MUSIK TRADISIONAL                               | 3     |
| 65  | R900     | AC-032-4:2014   | KOMPOSISI TARIAN TRADISIONAL                               | 4     |
| 66  | R900     | AC-032-5:2014   | PENGURUSAN TARIAN TRADISIONAL                              | 5     |
| 67  | C322     | AC-033-3:2014   | PEMBUATAN INSTRUMEN MUZIK                                  | 3     |
| 68  | R900     | AC-041-3:2014   | PERSEMBAHAN INSTRUMEN BERTALI                              | 3     |
| 69  | M742     | AC-050-3:2012   | FOTOGRAFI  | 3     |
| 70  | M742     | AC-050-4:2012   | FOTOGRAFI  | 4     |
| 71  | M742     | AC-050-5:2012   | FOTOGRAFI  | 5     |
| 72  | J591     | AC-060-1:2013   | OPERASI PEMBINAAN SET                                      | 1     |
| 73  | J591     | AC-060-2:2013   | OPERASI SET BANGUNAN                                       | 2     |
| 74  | J591     | AC-060-3:2013   | PENYELIAAN SET BINAAN                                      | 3     |
| 75  | J591     | AC-060-4:2016   | PENGARAHAN SENI PRODUKSI FILEM/TV                          | 4     |
| 76  | J591     | AC-060-5:2016   | REKABENTUK SENI PRODUKSI FILEM/TV                          | 5     |
| 77  | J591     | AC-061-3:2013   | SOLEKAN FILEM & TV ANTARABANGSA                            | 3     |
| 78  | J591     | AC-062-3:2013   | DANDANAN RAMBUT FILEM & TV ANTARABANGSA                    | 3     |
| 79  | J591     | AC-063-2:2013   | PERKHIDMATAN KOSTUM  | 2     |
| 80  | J591     | AC-064-1:2013   | OPERASI GRIP DI SET  | 1     |

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| 81  | J591     | AC-064-2:2013 | OPERASI GRIP DI SET   | 2     |
| 82  | J591     | AC-064-3:2013 | OPERASI DOLLY GRIP DI SET   | 3     |
| 83  | J591     | AC-065-1:2013 | PRE RIG LIGHTING OPERATION  | 1     |
| 84  | J591     | AC-065-2:2013 | PRE RIG LIGHTING OPERATION  | 2     |
| 85  | J591     | AC-065-3:2013 | PRE RIG LIGHTING SUPERVISION  | 3     |
| 86  | J591     | AC-066-3:2013 | PERAKAUNAN PENGELUARAN FILEM  | 3     |
| 87  | J591     | AC-070-4:2014 | KOORDINASI PENGARAHAN FILEM   | 4     |
| 88  | J591     | AC-070-5:2014 | PENGARAHAN FILEM  | 5     |
| 89  | C107     | AF-011-2:2012 | TEKNOLOGI PEMROSESAN HERBA (PRIMER)                                 | 2     |
| 90  | C107     | AF-011-3:2012 | TEKNOLOGI PEMROSESAN HERBA (PRIMER)                                 | 3     |
| 91  | C107     | AF-012-2:2012 | OPERASI PEMBUNGKUSAN HASIL PRODUK PEMROSESAN MAKANAN                | 2     |
| 92  | C107     | AF-012-3:2012 | OPERASI PEMBUNGKUSAN HASIL PRODUK PEMROSESAN MAKANAN                | 3     |
| 93  | A011     | AF-013-3:2012 | PENGENDALIAN TANAMAN CENDAWAN (TANAH RENDAH)                        | 3     |
| 94  | A016     | AF-015-4:2015 | AGRICULTURE & AGRO-BASED PRODUCTS SALES & MARKETING SERVICE CONTROL | 4     |
| 95  | A016     | AF-015-5:2015 | AGRICULTURE & AGRO-BASED PRODUCTS SALES & MARKETING MANAGEMENT      | 5     |
| 96  | A012     | AF-016-3:2014 | PENGENDALIAN TANAMAN NANAS  | 3     |
| 97  | A014     | AF-017-3:2014 | OPERASI PERLADANGAN LEBAH MADU                                      | 3     |
| 98  | A032     | AF-019-3:2014 | PENGKULTURAN RUMPAI LAUT  | 3     |
| 99  | A032     | AF-021-3:2015 | PENGELUARAN KARAGINAN SEPARA TULEN                                  | 3     |
| 100 | A032     | AF-022-3:2015 | PENGELUARAN INDUK & BENIH AKUAKULTUR (MARIN)                        | 3     |
| 101 | A032     | AF-032-4      | EKSEKUTIF AKUAKULTUR (IKAN HIASAN)                                  | 4     |
| 102 | A032     | AF-032-5      | PENGURUS AKUAKULTUR (IKAN HIASAN)                                   | 5     |
| 103 | A032     | AF-033-4:2012 | PENGURUSAN PENGELUARAN BENIH IKAN AIR TAWAR                         | 4     |
| 104 | A032     | AF-033-5:2012 | PENGURUSAN PENGELUARAN BENIH IKAN AIR TAWAR                         | 5     |
| 105 | R931     | AF-040-1      | STABLEHAND  | 1     |
| 106 | R931     | AF-040-2      | SENIOR STABLE HAND  | 2     |
| 107 | R931     | AF-040-3      | STABLE SUPERVISOR   | 3     |
| 108 | A011     | AF-051-4:2015 | PENGURUSAN OPERASI LADANG PADI                                      | 4     |
| 109 | A011     | AF-051-5:2015 | PENGURUSAN LADANG PADI  | 5     |
| 110 | A023     | AF-061-2      | PEMBANTU LADANG SARANG BURUNG WALIT                                 | 2     |
| 111 | A023     | AF-061-3      | PENYELIA LADANG SARANG BURUNG WALIT                                 | 3     |
| 112 | C331     | AF-062-3:2012 | OPERASI JENTERA PERTANIAN & PERLADANGAN                             | 3     |
| 113 | C107     | AF-063-1:2013 | PEMROSESAN SARANG BURUNG WALIT                                      | 1     |
| 114 | C107     | AF-063-2:2013 | PEMROSESAN SARANG BURUNG WALIT                                      | 2     |
| 115 | C107     | AF-063-3:2013 | PEMROSESAN SARANG BURUNG WALIT                                      | 3     |
| 116 | I551     | AF-064-2:2013 | FARMSTAY OPERATION  | 2     |
| 117 | I551     | AF-064-3:2013 | FARMSTAY OPERATION  | 3     |
| 118 | C331     | AF-065-3:2015 | MEKANISASI & AUTOMASI TANAMAN PADI                                  | 3     |
| 119 | C101     | AF-070-2:2015 | PENGENDALIAN ABATOIR RUMINAN  | 2     |
| 120 | C101     | AF-070-3:2015 | PENYELIAAN ABATTOIR RUMINAN   | 3     |

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| 121 | C101     | AF-070-4:2012   | PENGURUSAN PENYEMBELIHAN  | 4     |
| 122 | C101     | AF-070-5:2012   | PENGURUSAN PENYEMBELIHAN  | 5     |
| 123 | M712     | AF-072-3:2015   | OPERASI PEMERIKSAAN DAGING  | 3     |
| 124 | A016     | AF-090-2        | PEMBANTU JAMINAN MUTU   | 2     |
| 125 | A016     | AF-090-3        | PENYELIA JAMINAN MUTU   | 3     |
| 126 | F410     | ARB3            | PENYELIA SENIBINA & BANGUNAN  | 3     |
| 127 | F410     | ARB4            | PENGURUS SENIBINA & BANGUNAN  | 4     |
| 128 | B061     | B061-001-4:2018 | PENYELIAAN PEMBINAAN ELEKTRIK   | 4     |
| 129 | B061     | B061-001-5:2018 | PENGURUSAN PEMBINAAN ELEKTRIK   | 5     |
| 130 | B091     | B091-001-4:2017 | PENYELIAAN OPERASI & PENYELENGGARAAN PAIP                               | 4     |
| 131 | B091     | B091-001-5:2017 | PENGURUSAN OPERASI & PENYELENGGARAAN PAIP                               | 5     |
| 132 | B091     | B091-002-4:2018 | PENYELIAAN PENYELENGGARAAN INSTRUMENTASI DAN KAWALAN (PESISIRAN PANTAI) | 4     |
| 133 | B091     | B091-002-5:2018 | PENGURUSAN PENYELENGGARAAN INSTRUMENTASI DAN KAWALAN (PESISIRAN PANTAI) | 5     |
| 134 | F410     | BBR1            | TUKANG BESI   | 1     |
| 135 | F410     | BBR2            | TUKANG BESI   | 2     |
| 136 | F410     | BC-010-1 / FWC1 | TUKANG KAYU ACUAN   | 1     |
| 137 | F410     | BC-010-2 / FWC2 | FOREMAN TUKANG ACUAN  | 2     |
| 138 | F410     | BC-010-3 / STS3 | PENYELIA STRUKTUR   | 3     |
| 139 | F410     | BC-011-1 / CCT1 | TUKANG KONKRIT I  | 1     |
| 140 | F410     | BC-011-2 / CCT2 | TUKANG KONKRIT II   | 2     |
| 141 | F410     | BC-020-3 / MSR3 | PENYELIA MASONRY  | 3     |
| 142 | F432     | BC-035-3:2016   | TANGGAMAN DAN PERTUKANGAN KAYU  | 3     |
| 143 | F433     | BC-040-1:2013   | PEMASANGAN KELULI TAHAN KARAT   | 1     |
| 144 | F433     | BC-040-2:2013   | FABRIKASI KELULI TAHAN KARAT  | 2     |
| 145 | F433     | BC-040-3:2013   | PENYELIAAN PEMASANGAN & FABRIKASI KELULI TAHAN KARAT                    | 3     |
| 146 | F433     | BC-043-3:2014   | PRE STRESSING   | 3     |
| 147 | F431     | BC-044-3:2014   | DEMOLITION WORKS OPERATION  | 3     |
| 148 | F432     | BC-045-2:2013   | SIGNAGE PRODUCTION & INSTALLATION                                       | 2     |
| 149 | F432     | BC-045-3:2013   | SIGNAGE SUPERVISION   | 3     |
| 150 | F433     | BC-046-2:2013   | APLIKASI KALIS AIR  | 2     |
| 151 | F433     | BC-046-3:2013   | PENYELIAAN KALIS AIR  | 3     |
| 152 | F432     | BC-047-2:2013   | PENYELENGGARAAN SISTEM PENCAHAYAAN                                      | 2     |
| 153 | F432     | BC-047-3:2013   | PENYELIAAN SISTEM PENCAHAYAAN   | 3     |
| 154 | F421     | BC-048-1        | GROUTER   | 1     |
| 155 | F421     | BC-048-2        | GROUTING FOREMAN  | 2     |
| 156 | F421     | BC-048-3        | GROUTING SUPERVISOR   | 3     |
| 157 | F421     | BC-049-1        | ASSISTANT TUNNEL TECHNICIAN   | 1     |
| 158 | F421     | BC-049-2        | TUNNEL TECHNICIAN   | 2     |
| 159 | F421     | BC-049-3        | SUPERVISOR (LEAD MINER)   | 3     |
| 160 | M711     | BC-050-3:2013   | LUKISAN PELAN SENIBINA  | 3     |
| 161 | M711     | BC-050-4:2013   | PENTADBIRAN TEKNIKAL SENIBINA   | 4     |
| 162 | M711     | BC-050-5:2013   | PENGURUSAN TEKNIKAL SENIBINA  | 5     |

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| 163 | F422     | BC-052-1/ FHG1  | PEMASANG PAIP GAS I  | 1     |
| 164 | F422     | BC-052-2/ FHG2  | PEMASANG PAIP GAS II                                       | 2     |
| 165 | F422     | BC-052-3 / FHG3 | PENYELIA PEMASANG PAIP GAS                                 | 3     |
| 166 | F439     | BC-055-1        | WINCHMAN   | 1     |
| 167 | F439     | BC-055-2        | SENIOR WINCHMAN  | 2     |
| 168 | F439     | BC-055-3        | WINCHMAN SUPERVISOR  | 3     |
| 169 | M711     | BC-060-3:2013   | GEOMATICS & LAND SURVEYING                                 | 3     |
| 170 | M711     | BC-060-4:2013   | GEOMATICS & LAND SURVEYING                                 | 4     |
| 171 | M711     | BC-060-5:2013   | GEOMATICS & LAND SURVEYING MANAGEMENT                      | 5     |
| 172 | F439     | BC-061-1:2015   | PEMASANGAN, PERUBAHAN DAN PENANGGALAN PERANCAH ASAS        | 1     |
| 173 | F439     | BC-061-2:2015   | PEMASANGAN, PERUBAHAN DAN PENANGGALAN PERANCAH PERTENGAHAN | 2     |
| 174 | F439     | BC-061-3:2015   | PEMASANGAN, PERUBAHAN DAN PENANGGALAN PERANCAH LANJUTAN    | 3     |
| 175 | F439     | BC-062-2:2015   | OPERASI PENCERUCUKAN                                       | 2     |
| 176 | F439     | BC-062-3:2015   | PENYELIAAN TAPAK PENCERUCUKAN                              | 3     |
| 177 | F421     | BC-063-2:2015   | OPERASI PEMBINAAN JALAN RAYA                               | 2     |
| 178 | F421     | BC-063-3:2015   | PENYELIAAN PEMBINAAN & PENYELENGGARAAN JALAN RAYA          | 3     |
| 179 | F432     | BC-064-2:2015   | PEMASANGAN, PENGUJIAN & PENYELENGGARAAN LIF & ESKALATOR    | 2     |
| 180 | F432     | BC-064-3:2015   | PENYELIAAN PEMASANGAN LIF & ESKALATOR                      | 3     |
| 181 | F421     | BC-065-3:2014   | TUNNEL CONSTRUCTION  | 3     |
| 182 | F432     | BC-065-3:2015   | PENYELIAAN PENGUJIAN & PENYELENGGARAAN LIF & ESKALATOR     | 3     |
| 183 | M749     | BC-066-3:2016   | PENGUKURAN HIDROGRAFI                                      | 3     |
| 184 | F439     | BC-067-2:2016   | READY MIXED CONCRETE (RMC) PLANT OPERATIONS                | 2     |
| 185 | F439     | BC-067-3:2016   | READY MIXED CONCRETE (RMC) PLANT OPERATIONS SUPERVISION    | 3     |
| 186 | N811     | BC-070-2:2014   | PERKHIDMATAN OPERASI & PENYELENGGARAAN BANGUNAN            | 2     |
| 187 | N811     | BC-070-3:2014   | PENYELIAAN OPERASI & PENYELENGGARAAN BANGUNAN              | 3     |
| 188 | F410     | BC-360-1 / RTT1 | PEMASANG KEKUDA BUMBUNG (KAYU)                             | 1     |
| 189 | F410     | BC-360-2 / RTT2 | PEMASANG KEKUDA BUMBUNG (KAYU)                             | 2     |
| 190 | F439     | BKP2            | BACK PUSHER OPERATOR                                       | 2     |
| 191 | J620     | BT-010-2        | PEMBANTU PENGATURCARA BIOINFORMATIK                        | 2     |
| 192 | J620     | BT-010-3        | PENGATURCARA BIOINFORMATIK                                 | 3     |
| 193 | A013     | BT-010-4:2011   | PENGURUSAN TEKNOLOGI MAKMAL KULTUR TISU                    | 4     |
| 194 | A013     | BT-010-5:2011   | PENGURUSAN TEKNOLOGI MAKMAL KULTUR TISU                    | 5     |
| 195 | M721     | BT-020-2        | JURUTEKNIK MAKMAL BIOTEKNOLOGI UMUM                        | 2     |
| 196 | M721     | BT-020-3        | JURUTEKNIK KANAN MAKMAL BIOTEKNOLOGI UMUM                  | 3     |
| 197 | A013     | BT-021-2        | JURUTEKNIK MAKMAL KULTUR                                   | 2     |
| 198 | A013     | BT-021-3        | JURUTEKNIK KANAN MAKMAL KULTUR                             | 3     |
| 199 | M712     | BT-022-2        | JURUTEKNIK MAKMAL ANALITIKAL                               | 2     |
| 200 | M712     | BT-022-3        | JURUTEKNIK KANAN MAKMAL ANALITIKAL                         | 3     |
| 201 | M712     | BT-023-4        | PENOLONG PENGURUS MAKMAL BIOTEKNOLOGI                      | 4     |
| 202 | M712     | BT-023-5        | PENGURUS MAKMAL BIOTEKNOLOGI                               | 5     |
| 203 | A013     | BT-024-3:2013   | OPERASI PEMBIAKBAKAAN TUMBUHAN & PENGELUARAN BENIH         | 3     |
| 204 | A013     | BT-024-4:2013   | PENGURUSAN PEMBIAKBAKAAN TUMBUHAN & PENGELUARAN BENIH      | 4     |

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| 205 | A013     | BT-024-5:2013   | PENGURUSAN PEMBIAKBAKAAN TUMBUHAN & PENGELUARAN BENIH | 5     |
| 206 | M712     | BT-025-3:2014   | OPERASI MAKMAL BIOTEKNOLOGI AGRIKULTUR                | 3     |
| 207 | M712     | BT-025-4:2014   | PENGURUSAN TEKNIKAL MAKMAL BIOTEKNOLOGI AGRIKULTUR    | 4     |
| 208 | M712     | BT-025-5:2014   | PENGURUSAN TEKNIKAL MAKMAL BIOTEKNOLOGI AGRIKULTUR    | 5     |
| 209 | A032     | BT-026-3:2014   | SPINY LOBSTER HATCHERY OPERATION                      | 3     |
| 210 | A032     | BT-026-4:2014   | SPINY LOBSTER HATCHERY CONTROL                        | 4     |
| 211 | A032     | BT-026-5:2014   | SPINY LOBSTER HATCHERY MANAGEMENT                     | 5     |
| 212 | M712     | BT-030-3        | JURUTEKNIK KANAN INSTRUMENTASI BIOTEKNOLOGI           | 3     |
| 213 | M712     | BT-030-4        | PENOLONG PENGURUS INSTRUMENTASI MAKMAL BIOTEKNOLOGI   | 4     |
| 214 | M712     | BT-030-5        | PENGURUS INSTRUMENTASI MAKMAL BIOTEKNOLOGI            | 5     |
| 215 | C210     | BT-041-1        | OPERATOR MESIN BIOPROSES                              | 1     |
| 216 | C210     | BT-041-2        | PEMBANTU BIOPROSES                                    | 2     |
| 217 | C210     | BT-041-3        | PENYELIA BIOPROSES                                    | 3     |
| 218 | C210     | BT-041-4:2011   | PENGURUSAN FERMENTASI BIOPROSES                       | 4     |
| 219 | C210     | BT-041-5:2011   | PENGURUSAN FERMENTASI BIOPROSES                       | 5     |
| 220 | C107     | BT-042-1        | OPERATOR MESIN PROSES HERBA                           | 1     |
| 221 | C107     | BT-042-2        | PEMBANTU PROSES HERBA                                 | 2     |
| 222 | C107     | BT-042-3        | PENYELIA PROSES HERBA                                 | 3     |
| 223 | C107     | BT-042-4:2011   | PENGURUSAN PEMPROSESAN HERBA                          | 4     |
| 224 | C107     | BT-042-5:2011   | PENGURUSAN PEMPROSESAN HERBA                          | 5     |
| 225 | C210     | BT-043-3:2014   | ENZYMATIC BIOCONVERSION OPERATION                     | 3     |
| 226 | C210     | BT-043-4:2014   | ENZYMATIC BIOCONVERSION ADMINISTRATION                | 4     |
| 227 | C210     | BT-043-5:2014   | ENZYMATIC BIOCONVERSION MANAGEMENT                    | 5     |
| 228 | C201     | BT-044-2:2014   | OPERASI POLIMERISASI BIO                              | 2     |
| 229 | C201     | BT-044-3:2014   | PENYELENGGARAAN OPERASI POLIMERISASI BIO              | 3     |
| 230 | C201     | BT-044-4:2014   | PENTADBIRAN POLIMERISASI BIO                          | 4     |
| 231 | C201     | BT-044-5:2014   | PENGURUSAN POLIMERISASI BIO                           | 5     |
| 232 | A032     | BT-045-2:2014   | OPERASI MIKRO ALGA                                    | 2     |
| 233 | A032     | BT-045-3:2014   | PENKULTURAN MIKRO ALGA & PENGELUARAN BIO MASS         | 3     |
| 234 | A032     | BT-045-4:2014   | PENGURUSAN PENKULTURAN MIKRO ALGA & BIO MASS          | 4     |
| 235 | A032     | BT-045-5:2014   | PEMBANGUNAN PRODUK BERASASKAN MIKRO ALGA & PENGURUSAN | 5     |
| 236 | C101     | C101-001-2:2017 | OPERASI PENYEMBELIHAN POULTRI HALAL                   | 2     |
| 237 | C101     | C101-001-3:2017 | PENYELARASAN PENYEMBELIHAN POULTRI HALAL              | 3     |
| 238 | C101     | C101-001-4:2017 | PENTADBIRAN RUMAH SEMBELIH POULTRI HALAL              | 4     |
| 239 | C101     | C101-001-5:2017 | PENGURUSAN RUMAH SEMBELIH POULTRI HALAL               | 5     |
| 240 | C102     | C102-001-3:2019 | OPERASI PEMPROSESAN PRODUK PERIKANAN                  | 3     |
| 241 | C104     | C104-001-2:2017 | OPERASI PROSES PENGILANGAN KELAPA SAWIT               | 2     |
| 242 | C104     | C104-001-3:2017 | PENYELIAAN PROSES PENGILANGAN KELAPA SAWIT            | 3     |
| 243 | C104     | C104-001-4:2017 | PENGURUSAN OPERASI PENGILANGAN KELAPA SAWIT           | 4     |
| 244 | C104     | C104-001-5:2017 | PENGURUSAN PENGILANGAN KELAPA SAWIT                   | 5     |
| 245 | C106     | C106-001-2:2016 | OPERASI PENGILANGAN PADI                              | 2     |
| 246 | C106     | C106-001-3:2016 | PENYELIAAN OPERASI PENGILANGAN PADI                   | 3     |



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| 247 | C107     | C107-001-3:2017 | OPERASI PEMBUNGKUSAN PRODUK MAKANAN SEGAR                                 | 3     |
| 248 | C107     | C107-002-3:2020 | PENGELUARAN MAKANAN (PEMROSESAN)  | 3     |
| 249 | C107     | C107-002-4:2017 | PENTADBIRAN OPERASI PENGELUARAN MAKANAN                                   | 4     |
| 250 | C107     | C107-002-5:2017 | PENGURUSAN PENGELUARAN MAKANAN  | 5     |
| 251 | C107     | C107-003-2:2020 | PENGELUARAN COKLAT  | 2     |
| 252 | C107     | C107-003-3:2020 | PENYELIAAN PENGELUARAN COKLAT   | 3     |
| 253 | C120     | C120-001-2:2020 | PEMERIKSAAN KAWALAN KUALITI KENAF   | 2     |
| 254 | C120     | C120-001-3:2020 | PENYELIAAN KAWALAN KUALITI KENAF  | 3     |
| 255 | C131     | C131-001-3:2016 | MEREKA BENTUK & PENGELUARAN JAHITAN KREATIF                               | 3     |
| 256 | C131     | C131-002-2:2017 | OPERASI PENCELUPAN DAN PENGEMASAN TEKSTIL                                 | 2     |
| 257 | C131     | C131-002-3:2017 | PENYELIAAN OPERASI PENCELUPAN DAN PENGEMASAN TEKSTIL                      | 3     |
| 258 | C131     | C131-003-2:2018 | OPERASI PERCETAKAN PAKAIAN  | 2     |
| 259 | C131     | C131-003-3:2018 | PENYELIAAN & OPERASI PERCETAKAN PAKAIAN                                   | 3     |
| 260 | C131     | C131-004-3:2023 | PENGELUARAN TENUNAN WARISAN   | 3     |
| 261 | C141     | C141-001-2:2017 | JAHITAN PAKAIAN LELAKI  | 2     |
| 262 | C141     | C141-001-3:2017 | PENYELIAAN DAN JAHITAN PAKAIAN LELAKI                                     | 3     |
| 263 | C141     | C141-002-3:2017 | APLIKASI KEJURUTERAAN INDUSTRI PENGELUARAN PAKAIAN                        | 3     |
| 264 | C141     | C141-002-4:2018 | PENGOPTIMUMAN KEJURUTERAAN INDUSTRI PEMBUATAN PAKAIAN                     | 4     |
| 265 | C141     | C141-002-5:2018 | PENGURUSAN KEJURUTERAAN INDUSTRI PEMBUATAN PAKAIAN                        | 5     |
| 266 | C141     | C141-003-3:2017 | REKAAN SAMPEL PAKAIAN   | 3     |
| 267 | C141     | C141-004-2:2018 | PEMBUATAN MARKER  | 2     |
| 268 | C141     | C141-004-3:2018 | PERANCANGAN & PENYELIAAN PEMBUATAN MARKER                                 | 3     |
| 269 | C141     | C141-005-2:2021 | PEMBUATAN PAKAIAN WANITA  | 2     |
| 270 | C141     | C141-005-3:2021 | OPERASI TEKNIKAL PAKAIAN WANITA   | 3     |
| 271 | C141     | C141-006-4:2021 | OPERASI PENGELUARAN PAKAIAN   | 4     |
| 272 | C141     | C141-006-5:2021 | REKA BENTUK DAN PENGURUSAN PENGELUARAN PAKAIAN                            | 5     |
| 273 | C141     | C141-007-2:2023 | PEMBUATAN PAKAIAN KANAK-KANAK   | 2     |
| 274 | C141     | C141-007-3:2023 | OPERASI TEKNIKAL PEMBUATAN PAKAIAN KANAK-KANAK                            | 3     |
| 275 | C181     | C181-001-2:2023 | PERKHIDMATAN TEKNIKAL PERCETAKAN DIGITAL                                  | 2     |
| 276 | C181     | C181-001-3:2023 | PRODUKSI PERCETAKAN DIGITAL   | 3     |
| 277 | C192     | C192-001-4:2017 | PENYELIAAN LOJI TEKNIKAL (ELEKTRIK) - HILIRAN (MINYAK, GAS & PETROKIMIA)  | 4     |
| 278 | C192     | C192-001-5:2017 | PENGURUSAN LOJI TEKNIKAL (ELEKTRIK) - HILIRAN (MINYAK, GAS & PETROKIMIA)  | 5     |
| 279 | C192     | C192-002-4:2017 | PENYELIAAN LOJI TEKNIKAL (MEKANIKAL) - HILIRAN (MINYAK, GAS & PETROKIMIA) | 4     |
| 280 | C192     | C192-002-5:2017 | PENGURUSAN LOJI TEKNIKAL (MEKANIKAL) - HILIRAN (MINYAK, GAS & PETROKIMIA) | 5     |
| 281 | C192     | C192-003-4:2017 | PENYELIAAN PENYELENGGARAAN INSTRUMENTASI                                  | 4     |
| 282 | C192     | C192-003-5:2017 | PENGURUSAN PENYELENGGARAAN INSTRUMENTASI & KAWALAN                        | 5     |
| 283 | C192     | C192-004-4:2018 | PENYELIAAN PEMBINAAN QMI  | 4     |
| 284 | C192     | C192-004-5:2018 | PENGURUSAN PEMBINAAN QMI  | 5     |
| 285 | C192     | C192-005-2:2018 | OPERASI SENGGARA "ROTATING EQUIPMENT"                                     | 2     |
| 286 | C192     | C192-005-3:2018 | OPERASI SENGGARA "ROTATING EQUIPMENT"                                     | 3     |
| 287 | C192     | C192-005-4:2019 | PENYELIAAN SENGGARA "ROTATING EQUIPMENT"                                  | 4     |

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| 288 | C192     | C192-005-5:2019 | PENGURUSAN SENGGARA "ROTATING EQUIPMENT"                             | 5     |
| 289 | C192     | C192-006-2:2019 | SOKONGAN OPERASI PENYELENGGARAAN PERALATAN STATIK (MINYAK & GAS)     | 2     |
| 290 | C192     | C192-006-3:2019 | OPERASI PENYELENGGARAAN PERALATAN STATIK (MINYAK & GAS)              | 3     |
| 291 | C210     | C210-001-2:2017 | OPERASI PENGELUARAN ALAT PERUBATAN                                   | 2     |
| 292 | C210     | C210-001-3:2017 | PENYELIAAN OPERASI PENGELUARAN ALAT PERUBATAN                        | 3     |
| 293 | C210     | C210-001-4:2017 | KAWALAN OPERASI PENGELUARAN ALAT PERUBATAN                           | 4     |
| 294 | C210     | C210-001-5:2017 | PENGURUSAN PENGELUARAN ALAT PERUBATAN                                | 5     |
| 295 | C210     | C210-002-2:2023 | PENYELENGGARAAN PRASARANA KEJURUTERAAN PEMBUATAN FARMASEUTIKAL       | 2     |
| 296 | C210     | C210-002-3:2023 | PENYELENGGARAAN PRASARANA KEJURUTERAAN PEMBUATAN FARMASEUTIKAL       | 3     |
| 297 | C221     | C221-001-4:2020 | PENTADBIRAN PEMBUATAN PRODUK GETAH KERING                            | 4     |
| 298 | C221     | C221-001-5:2020 | PENGURUSAN PEMBUATAN PRODUK GETAH KERING                             | 5     |
| 299 | C222     | C222-001-2:2017 | OPERASI PROSES PENYEMPERITAN PLASTIK                                 | 2     |
| 300 | C222     | C222-001-3:2017 | PENYELIAAN & KAWALAN PENYEMPERITAN PLASTIK                           | 3     |
| 301 | C222     | C222-001-4:2017 | PEMROSESAN DAN PENTADBIRAN PENYEMPERITAN PLASTIK                     | 4     |
| 302 | C222     | C222-001-5:2017 | PENGURUSAN PENYEMPERITAN PLASTIK                                     | 5     |
| 303 | C222     | C222-002-2:2019 | OPERASI PEMERIKSAAN KUALITI PENGELUARAN PLASTIK                      | 2     |
| 304 | C222     | C222-002-3:2019 | PENYELIAAN & KAWALAN OPERASI PEMERIKSAAN PENGELUARAN KUALITI PLASTIK | 3     |
| 305 | C222     | C222-002-4:2019 | PELAKSANAAN JAMINAN KUALITI PENGELUARAN PLASTIK                      | 4     |
| 306 | C222     | C222-002-5:2019 | PENGURUSAN JAMINAN KUALITI PENGELUARAN PLASTIK                       | 5     |
| 307 | C222     | C222-003-3:2019 | OPERASI PENGELUARAN PEMBUNGKUSAN MESRA ALAM                          | 3     |
| 308 | C239     | C239-001-2:2016 | OPERASI PEMBUATAN KONKRIT PRATUANG                                   | 2     |
| 309 | C239     | C239-001-3:2016 | PENYELIAAN OPERASI PEMBUATAN KONKRIT PRATUANG                        | 3     |
| 310 | C239     | C239-002-2:2016 | OPERASI PENGELUARAN SERAMIK  | 2     |
| 311 | C239     | C239-002-3:2016 | PENYELIAAN OPERASI PENGELUARAN SERAMIK                               | 3     |
| 312 | C241     | C241-001-1:2017 | SOKONGAN PEMBUATAN KELULI DAN BESI                                   | 1     |
| 313 | C241     | C241-001-2:2017 | OPERASI PEMBUATAN PEMBENTUKAN KELULI (FORMING)                       | 2     |
| 314 | C241     | C241-001-3:2017 | PENYELIAAN PEMBUATAN PEMBENTUKAN KELULI (FORMING)                    | 3     |
| 315 | C241     | C241-001-4:2017 | PELAKSANAAN DAN KAWALAN PEMBUATAN PEMBENTUKAN KELULI (FORMING)       | 4     |
| 316 | C241     | C241-001-5:2017 | PENGURUSAN TEKNIKAL PEMBUATAN PEMBENTUKAN KELULI (FORMING)           | 5     |
| 317 | C241     | C241-002-2:2017 | OPERASI LOJI PELEBURAN KELULI  | 2     |
| 318 | C241     | C241-002-3:2017 | PENYELIAAN OPERASI LOJI PELEBURAN KELULI                             | 3     |
| 319 | C241     | C241-002-4:2017 | PENGURUSAN LOJI PELEBURAN KELULI                                     | 4     |
| 320 | C241     | C241-002-5:2017 | PENGURUSAN LOJI PELEBURAN KELULI                                     | 5     |
| 321 | C241     | C241-003-2:2018 | OPERASI KILANG Pengerolan Keluli Panas                               | 2     |
| 322 | C241     | C241-003-3:2018 | PENYELIAAN OPERASI KILANG Pengerolan Keluli Panas                    | 3     |
| 323 | C241     | C241-003-4:2018 | KAWALAN OPERASI KILANG Pengerolan Keluli Panas                       | 4     |
| 324 | C241     | C241-003-5:2018 | PENGURUSAN OPERASI KILANG Pengerolan Keluli Panas                    | 5     |
| 325 | C241     | C241-004-2:2020 | OPERASI KILANG Pengerolan Keluli Sejuk                               | 2     |
| 326 | C241     | C241-004-3:2020 | PENYELIAAN OPERASI KILANG Pengerolan Keluli Sejuk                    | 3     |
| 327 | C241     | C241-004-4:2020 | KAWALAN OPERASI KILANG Pengerolan Keluli Sejuk                       | 4     |
| 328 | C241     | C241-004-5:2020 | PENGURUSAN KILANG Pengerolan Keluli Sejuk                            | 5     |

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| 329 | C251     | C251-001-2:2021 | FABRIKASI KOMPONEN STRUKTUR LOGAM   | 2     |
| 330 | C251     | C251-001-3:2021 | PENYELIAAN FABRIKASI KOMPONEN STRUKTUR LOGAM                                      | 3     |
| 331 | C259     | C259-001-2:2016 | PENGELUARAN FABRIKASI PERALATAN BERTEKANAN (LOGAM)                                | 2     |
| 332 | C259     | C259-001-3:2016 | KAWALAN PENGELUARAN FABRIKASI PERALATAN BERTEKANAN (LOGAM)                        | 3     |
| 333 | C259     | C259-002-2:2016 | PENGELUARAN FABRIKASI - SME   | 2     |
| 334 | C259     | C259-002-3:2016 | KAWALAN PENGELUARAN FABRIKASI - SME   | 3     |
| 335 | C259     | C259-003-2:2016 | PEMBUATAN SISTEM RANGKA KELULI TERBENTUK SEJUK                                    | 2     |
| 336 | C259     | C259-003-3:2016 | PEMBUATAN SISTEM RANGKA KELULI TERBENTUK SEJUK                                    | 3     |
| 337 | C259     | C259-004-2:2016 | PENGELUARAN SISTEM ACUAN GUNA SEMULA  | 2     |
| 338 | C259     | C259-004-3:2016 | PENGELUARAN SISTEM ACUAN GUNA SEMULA  | 3     |
| 339 | C282     | C259-005-4:2017 | REKA BENTUK ACUAN SUNTIKAN PLASTIK  | 4     |
| 340 | C259     | C259-006-2:2020 | OPERASI PEMESINAN   | 2     |
| 341 | C259     | C259-006-3:2020 | OPERASI PEMESINAN CNC   | 3     |
| 342 | C259     | C259-006-4:2020 | PEMBANGUNAN REKABENTUK & PENGATURCARAAN PEMESINAN                                 | 4     |
| 343 | C259     | C259-006-5:2020 | PENGURUSAN REKABENTUK & PENGATURCARAAN PEMESINAN                                  | 5     |
| 344 | C259     | C259-007-4:2020 | PEMBANGUNAN PENEKANAN DAI LOGAM   | 4     |
| 345 | C259     | C259-007-5:2020 | PENGURUSAN PENEKANAN DAI LOGAM  | 5     |
| 346 | C259     | C259-008-3:2022 | PROSES KIMPALAN ARKA LOGAM BERPERISAI   | 3     |
| 347 | C261     | C261-001-2:2020 | PENGUJIAN, PENGESANAN KEROSAKAN DAN PENYELENGGARAAN KOMPONEN DAN PAPAN ELEKTRONIK | 2     |
| 348 | C261     | C261-001-3:2020 | PENYELIAAN DAN PENGESANAN KEROSAKAN KOMPONEN DAN PAPAN ELEKTRONIK                 | 3     |
| 349 | C261     | C261-002-3:2020 | PEMBUATAN PRODUK ELEKTRONIK PENGGUNA  | 3     |
| 350 | C281     | C281-001-3:2023 | PEMASANGAN ROBOT  | 3     |
| 351 | C281     | C281-001-4:2023 | REKABENTUK SISTEM ROBOT   | 4     |
| 352 | C281     | C281-001-5:2023 | SENIBINA SISTEM ROBOT   | 5     |
| 353 | C282     | C282-002-2:2019 | PEMASANGAN KOMPONEN PESAWAT   | 2     |
| 354 | C282     | C282-002-3:2019 | PEMASANGAN KOMPONEN DAN STRUKTUR PESAWAT  | 3     |
| 355 | C282     | C282-003-4:2020 | PENTADBIRAN JAMINAN KUALITI PEMBUATAN AEROANGKASA                                 | 4     |
| 356 | C282     | C282-003-5:2020 | PENGURUSAN JAMINAN KUALITI PEMBUATAN AEROANGKASA                                  | 5     |
| 357 | C301     | C301-001-4:2018 | KOORDINASI PEMBINAAN DAN SENGGARAAN BADAN KAPAL (LOGAM)                           | 4     |
| 358 | C301     | C301-001-5:2018 | PENGURUSAN PEMBINAAN DAN SENGGARAAN BADAN KAPAL (LOGAM)                           | 5     |
| 359 | C301     | C301-002-4:2018 | KOORDINASI PEMBINAAN & SENGGARAAN SISTEM PERPAIPAN KAPAL                          | 4     |
| 360 | C301     | C301-002-5:2018 | PENGURUSAN PEMBINAAN & SENGGARAAN SISTEM PERPAIPAN KAPAL                          | 5     |
| 361 | C303     | C303-001-4:2023 | OPERASI PROSES KOMPOSIT AERO ANGKASA  | 4     |
| 362 | C303     | C303-001-5:2023 | PENGURUSAN PENGELUARAN KOMPOSIT AERO ANGKASA                                      | 5     |
| 363 | C309     | C309-001-4:2019 | REKABENTUK DAN PEMBINAAN REMOTELY OPERATED VEHICLE (ROV)                          | 4     |
| 364 | C309     | C309-001-5:2019 | PENGURUSAN REKABENTUK DAN PEMBINAAN REMOTELY OPERATED VEHICLE (ROV)               | 5     |
| 365 | C310     | C310-001-4:2017 | PEMBANGUNAN PRODUK PERABOT  | 4     |
| 366 | C321     | C321-001-2:2023 | SENI DAN KRAF BARANG KEMAS TRADISIONAL  | 2     |
| 367 | C321     | C321-001-3:2023 | SENI DAN KRAF BARANG KEMAS KONTEMPORARI   | 3     |

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| 368 | C331     | C331-001-2:2017 | OPERASI PENYELENGGARAAN SUPERSTRUKTUR DAN BOT SERIMALA GENTIAN KACA                  | 2     |
| 369 | C331     | C331-001-3:2017 | PENYELIAAN PENYELENGGARAAN SUPERSTRUKTUR DAN BOT SERIMALA GENTIAN KACA               | 3     |
| 370 | C331     | C331-002-2:2017 | PENYELENGGARAAN MEKANIKAL PENGILANGAN KELAPA SAWIT                                   | 2     |
| 371 | C331     | C331-002-3:2017 | PENYELENGGARAAN MEKANIKAL PENGILANGAN KELAPA SAWIT                                   | 3     |
| 372 | C331     | C331-003-2:2017 | PENYELENGGARAAN FASILITI RAWATAN AIR   | 2     |
| 373 | C331     | C331-003-3:2017 | PENYELIAAN FASILITI RAWATAN AIR  | 3     |
| 374 | C331     | C331-004-3:2017 | PENYELENGGARAAN & BAIKPULIH JENTERA KECIL DAN PERALATAN PERTANIAN                    | 3     |
| 375 | C331     | C331-005-2:2018 | PENYELENGGARAAN MESIN SULAMAN INDUSTRI   | 2     |
| 376 | C331     | C331-005-3:2018 | PENYELIAAN PENYELENGGARAAN MESIN SULAMAN INDUSTRI                                    | 3     |
| 377 | C331     | C331-006-3:2019 | PENYELENGGARAAN PERANTI PERUBATAN  | 3     |
| 378 | C331     | C331-007-2:2019 | OPERASI PENYELENGGARAAN, PEMBAIKAN DAN BAIK PULIH ENJIN PEMBAKARAN DALAM             | 2     |
| 379 | C331     | C331-007-3:2019 | PENYELIAAN OPERASI PENYELENGGARAAN, PEMBAIKAN DAN BAIK PULIH ENJIN PEMBAKARAN DALAM  | 3     |
| 380 | C331     | C331-007-4:2019 | PENGURUSAN PENYELENGGARAAN, PEMBAIKAN DAN BAIK PULIH KOMPONEN ENJIN PEMBAKARAN DALAM | 4     |
| 381 | C331     | C331-007-5:2019 | PENGURUSAN PENYELENGGARAAN, PEMBAIKAN DAN BAIK PULIH ENJIN PEMBAKARAN DALAM          | 5     |
| 382 | C331     | C331-008-2:2019 | PENYELENGGARAAN SENJATA  | 2     |
| 383 | C331     | C331-008-3:2019 | PENYELIAAN PENYELENGGARAAN SENJATA   | 3     |
| 384 | C331     | C331-008-4:2019 | PENGURUSAN PENYELENGGARAAN PERSENJATAAN  | 4     |
| 385 | C331     | C331-008-5:2019 | PENGURUSAN PENYELENGGARAAN PERSENJATAAN  | 5     |
| 386 | C331     | C331-009-4:2019 | KAWALAN OPERASI HANGAR PESAWAT   | 4     |
| 387 | C331     | C331-009-5:2019 | PENGURUSAN HANGAR PESAWAT  | 5     |
| 388 | C331     | C331-011-3:2019 | PENYELENGGARAAN VESEL PENANGKAPAN IKAN   | 3     |
| 389 | C331     | C331-012-3:2020 | OPERASI PENYELENGGARAAN INDUSTRI   | 3     |
| 390 | C331     | C331-012-4:2020 | KEJURUTERAAN PENYELENGGARAAN MESIN INDUSTRI  | 4     |
| 391 | C331     | C331-012-5:2020 | TEKNOLOGI PENYELENGGARAAN MESIN INDUSTRI   | 5     |
| 392 | C331     | C331-013-2:2020 | PERKHIDMATAN PENGELEKTRIKAN REL  | 2     |
| 393 | C331     | C331-013-3:2020 | PENYELENGGARAAN PENGELEKTRIKAN REL   | 3     |
| 394 | C331     | C331-014-2:2020 | OPERASI PENGENDALIAN PELURU DAN BAHAN LETUPAN  | 2     |
| 395 | C331     | C331-014-3:2020 | OPERASI SELENGGARAAN PELURU DAN BAHAN LETUPAN  | 3     |
| 396 | C331     | C331-015-3:2021 | OPERASI PEMBAIKPULIH DAN PEMERIKSAAN STRUKTUR KEPINGAN LOGAM AEROANGKASA             | 3     |
| 397 | C331     | C331-016-3:2021 | OPERASI PEMBAIKAN DAN PEMERIKSAAN STRUKTUR KOMPOSIT AEROANGKASA                      | 3     |
| 398 | C331     | C331-017-4:2023 | KEJURUTERAAN PENYELENGGARAAN PESAWAT (AVIONIK)                                       | 4     |
| 399 | C331     | C331-017-5:2023 | PENGURUSAN PENYELENGGARAAN PESAWAT (AVIONIK)   | 5     |
| 400 | C332     | C332-001-4:2018 | PEMBANGUNAN SISTEM TEKNOLOGI AUTOMASI ELEKTRONIK                                     | 4     |
| 401 | C332     | C332-001-5:2018 | PELAKSANAAN SISTEM TEKNOLOGI AUTOMASI ELEKTRONIK                                     | 5     |
| 402 | Q873     | CC-012-3:2013   | OPERASI PUSAT JAGAAN (ORANG KURANG UPAYA)  | 3     |
| 403 | Q873     | CC-012-4:2013   | PENTADBIRAN PUSAT JAGAAN (ORANG KURANG UPAYA)  | 4     |
| 404 | Q873     | CC-012-5:2013   | PENGURUSAN PUSAT JAGAAN ( ORANG KURANG UPAYA)  | 5     |
| 405 | Q873     | CC-013-3:2013   | OPERASI PUSAT JAGAAN ORANG TUA   | 3     |
| 406 | Q873     | CC-013-4:2013   | PENTADBIRAN PUSAT JAGAAN ORANG TUA   | 4     |
| 407 | Q873     | CC-013-5:2013   | PENGURUSAN PUSAT JAGAAN ORANG TUA  | 5     |

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| 408 | Q889     | CC-014-3:2014 | AMALAN KEBAJIKAN SOSIAL                                     | 3     |
| 409 | Q889     | CC-014-4:2014 | KOORDINASI KEBAJIKAN SOSIAL                                 | 4     |
| 410 | Q889     | CC-014-5:2014 | PENGURUSAN KEBAJIKAN SOSIAL                                 | 5     |
| 411 | Q889     | CC-015-3:2014 | CHILDREN WITH SPECIAL NEEDS CARE & EDUCATION PRACTICE       | 3     |
| 412 | Q889     | CC-015-4:2014 | CHILDREN WITH SPECIAL NEEDS CARE & EDUCATION ADMINISTRATION | 4     |
| 413 | Q889     | CC-016-4:2015 | PENTADBIRAN KHIDMAT KOMUNITI                                | 4     |
| 414 | Q889     | CC-016-5:2015 | PENGURUSAN KHIDMAT KOMUNITI                                 | 5     |
| 415 | Q881     | CC-017-3:2015 | OPERASI PEMULIHAN DALAM KOMUNITI                            | 3     |
| 416 | Q889     | CC-018-3:2016 | OPERASI PUSAT AUTISME KANAK-KANAK                           | 3     |
| 417 | T970     | CC-020-2:2014 | OPERASI PEKERJA DOMESTIK                                    | 2     |
| 418 | T970     | CC-020-3:2014 | PENYELIAAN PEKERJA DOMESTIK                                 | 3     |
| 419 | Q889     | CC-021-3:2016 | SOKONGAN PERKHIDMATAN KAUNSELING (TEKNIKAL DAN PENTADBIRAN) | 3     |
| 420 | E360     | CM-021-2:2014 | OPERASI PENGAGIHAN AIR                                      | 2     |
| 421 | E360     | CM-021-3:2014 | PENYELIAAN PENGAGIHAN AIR                                   | 3     |
| 422 | E360     | CM-021-4:2014 | PENGURUSAN OPERASI PENGAGIHAN AIR                           | 4     |
| 423 | E360     | CM-021-5:2014 | PENGURUSAN PENGAGIHAN AIR                                   | 5     |
| 424 | E360     | CM-022-1:2016 | OPERASI AIR TIDAK BERHASIL                                  | 1     |
| 425 | E360     | CM-022-2:2016 | OPERASI AIR TIDAK BERHASIL                                  | 2     |
| 426 | E360     | CM-022-3:2016 | KAWALAN OPERASI AIR TIDAK BERHASIL                          | 3     |
| 427 | M749     | CM-030-4      | PEMBANTU AHLI TEKNOLOGI KAWALAN PROSES                      | 4     |
| 428 | M749     | CM-030-5      | AHLI TEKNOLOGI KAWALAN PROSES                               | 5     |
| 429 | E370     | CM-031-2:2014 | OPERASI RAWATAN KUMBAHAN                                    | 2     |
| 430 | E370     | CM-031-3:2014 | PENYELIAAN RAWATAN KUMBAHAN                                 | 3     |
| 431 | E360     | CM-060-2:2014 | PERKHIDMATAN OPERASI RAWATAN AIR                            | 2     |
| 432 | E360     | CM-060-3:2014 | PENYELIAAN OPERASI RAWATAN AIR                              | 3     |
| 433 | E360     | CM-060-4:2012 | PENGURUSAN OPERASI LOJI PEMROSESAN AIR                      | 4     |
| 434 | E360     | CM-060-5:2012 | PENGURUSAN OPERASI LOJI PEMROSESAN AIR                      | 5     |
| 435 | M711     | CM-070-2:2014 | OPERASI MAKMAL KIMIA  | 2     |
| 436 | M711     | CM-070-3:2014 | OPERASI MAKMAL KIMIA  | 3     |
| 437 | M749     | CM-071-2:2014 | OPERASI MAKMAL PEMERIKSAAN DOKUMEN                          | 2     |
| 438 | M749     | CM-071-3:2014 | OPERASI MAKMAL PEMERIKSAAN DOKUMEN                          | 3     |
| 439 | M712     | CM-072-2:2014 | OPERASI MAKMAL MOLEKULAR BIOLOGI                            | 2     |
| 440 | M712     | CM-072-3:2014 | OPERASI MAKMAL MOLEKULAR BIOLOGI                            | 3     |
| 441 | C201     | CM-080-2:2014 | OPERASI PENGELUARAN BAJA SEBATIAN                           | 2     |
| 442 | C201     | CM-080-3:2014 | KAWALAN PENGELUARAN BAJA SEBATIAN                           | 3     |
| 443 | C201     | CM-080-4:2016 | PENTADBIRAN PENGELUARAN BAJA SEBATIAN                       | 4     |
| 444 | C201     | CM-080-5:2016 | PENGURUSAN PENGELUARAN BAJA SEBATIAN                        | 5     |
| 445 | C201     | CM-081-2:2014 | OPERASI PENGELUARAN KALSIMUM NITRAT                         | 2     |
| 446 | C201     | CM-081-3:2014 | PENYELIAAN PENGELUARAN KALSIMUM NITRAT                      | 3     |
| 447 | E360     | CM-082-1:2016 | PENGURUSAN & OPERASI KESELAMATAN EMPANGAN                   | 1     |
| 448 | E360     | CM-082-2:2016 | PENGURUSAN & OPERASI KESELAMATAN EMPANGAN                   | 2     |
| 449 | E360     | CM-082-3:2016 | PENYELIAAN & PENGURUSAN KESELAMATAN EMPANGAN                | 3     |

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| 450 | F410     | CSH3            | PENYELIA KESELAMATAN DAN KESIHATAN TAPAK BINAAN                   | 3     |
| 451 | F410     | CVS3            | PENYELIA AWAM & STRUKTUR  | 3     |
| 452 | F410     | CVS4            | PENGURUS BINAAN AWAM DAN STRUKTUR                                 | 4     |
| 453 | J611     | D-030-1         | OPERATOR PERHUBUNGAN (ELEKTRONIK)                                 | 1     |
| 454 | J611     | D-030-2         | OPERATOR PERHUBUNGAN (ELEKTRONIK)                                 | 2     |
| 455 | J611     | D-030-3         | PERSONEL PERHUBUNGAN (ELEKTRONIK)                                 | 3     |
| 456 | J619     | D-217-4         | PENOLONG JURUTERA TELEKOMUNIKASI – OPERASI PENGISUISAN            | 4     |
| 457 | J619     | D-217-5         | JURUTERA TELEKOMUNIKASI – OPERASI PENGISUISAN                     | 5     |
| 458 | J611     | D-500-2         | PEMASANG SISTEM PERKABELAN BERSTRUKTUR                            | 2     |
| 459 | J611     | D-500-3         | JURUTEKNIK SISTEM PERKABELAN BERSTRUKTUR                          | 3     |
| 460 | D351     | D351-001-1:2016 | OPERASI & PENYELENGGARAAN PENGAMBILAN HIDRO KECIL (ALIRAN SUNGAI) | 1     |
| 461 | D351     | D351-001-2:2016 | OPERASI & PENYELENGGARAAN LOJI HIDRO KECIL                        | 2     |
| 462 | D351     | D351-001-3:2016 | OPERASI & PENYELENGGARAAN DAN PENYELIAAN LOJI HIDRO KECIL         | 3     |
| 463 | D351     | D351-002-4:2020 | KAWALAN OPERASI STESEN JANA ELEKTRIK ARANG BATU                   | 4     |
| 464 | D351     | D351-002-5:2020 | PENGURUSAN OPERASI STESEN JANA ELEKTRIK ARANG BATU                | 5     |
| 465 | D351     | D351-003-4:2020 | KAWALAN OPERASI STESEN JANA ELEKTRIK KITAR PADU                   | 4     |
| 466 | D351     | D351-003-5:2020 | COMBINED CYCLE POWER PLANT OPERATION MANAGEMENT                   | 5     |
| 467 | D352     | D352-001-3:2016 | OPERASI LOJI GAS ASLI BIO MAMPAT                                  | 3     |
| 468 | D352     | D352-002-2:2017 | OPERASI LOJI JANAKUASA BIOJISIM                                   | 2     |
| 469 | D352     | D352-002-3:2017 | KAWALAN OPERASI LOJI JANAKUASA BIOJISIM                           | 3     |
| 470 | D352     | D352-002-4:2017 | PENGURUSAN OPERASI DAN PENYELENGGARAAN LOJI JANAKUASA BIOJISIM    | 4     |
| 471 | D352     | D352-002-5:2017 | PENGURUSAN LOJI JANAKUASA BIOJISIM                                | 5     |
| 472 | D352     | D352-003-2:2018 | OPERASI LOJI GAS TAPAK PELUPUSAN                                  | 2     |
| 473 | D352     | D352-003-3:2018 | KAWALAN DAN PENYELIAAN OPERASI LOGI GAS TAPAK PELUPUSAN           | 3     |
| 474 | D352     | D352-003-4:2018 | PENGURUSAN OPERASI LOJI GAS TAPAK PELUPUSAN                       | 4     |
| 475 | D352     | D352-003-5:2018 | PENGURUSAN LOJI GAS TAPAK PELUPUSAN                               | 5     |
| 476 | D352     | D352-004-2:2019 | OPERASI KESELAMATAN ATMOSFERA                                     | 2     |
| 477 | D352     | D352-004-3:2019 | OPERASI PENGUJIAN ATMOSFERA                                       | 3     |
| 478 | F433     | DCF 1           | PEMBANTU PEMASANG SILING TETAP                                    | 1     |
| 479 | F433     | DCF 2           | PEMASANG SILING TETAP   | 2     |
| 480 | F433     | DCG 1           | PEMBANTU PEMASANG DEMOUNTABLE CEILING                             | 1     |
| 481 | F433     | DCG 2           | PEMASANG DEMOUNTABLE CEILING                                      | 2     |
| 482 | F433     | DCS 3           | PENYELIA SILING   | 3     |
| 483 | N801     | DS-010-2:2013   | OPERASI PERKHIDMATAN SEKURITI                                     | 2     |
| 484 | N801     | DS-010-3:2013   | PENYELIAAN PERKHIDMATAN SEKURITI                                  | 3     |
| 485 | N801     | DS-010-4:2013   | PENGURUSAN OPERASI SEKURITI                                       | 4     |
| 486 | N801     | DS-010-5:2013   | PENGURUSAN OPERASI SEKURITI                                       | 5     |
| 487 | O842     | DS-012-3:2015   | PENGAWASAN KESELAMATAN PELABUHAN                                  | 3     |
| 488 | O842     | DS-012-4:2015   | KAWALAN KESELAMATAN PELABUHAN                                     | 4     |
| 489 | O842     | DS-012-5:2015   | PENGURUSAN KESELAMATAN PELABUHAN                                  | 5     |
| 490 | O842     | DS-013-3:2015   | OPERASI STESEN PEMANTAUAN BERPUSAT                                | 3     |

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| 491 | F432     | DS-015-2:2014   | PEMASANGAN & PENYELENGGARAAN SISTEM PEMANTAUAN MARITIM                      | 2     |
| 492 | F432     | DS-015-3:2014   | PENYELIAAN PEMASANGAN & PENYELENGGARAAN SISTEM PEMANTAUAN MARITIM           | 3     |
| 493 | F432     | DS-015-4:2014   | KOORDINASI PEMASANGAN & PENYELENGGARAAN SISTEM PEMANTAUAN MARITIM           | 4     |
| 494 | F432     | DS-015-5:2014   | PENGURUSAN PEMASANGAN & PENYELENGGARAAN SISTEM PEMANTAUAN MARITIM           | 5     |
| 495 | F432     | DS-050-3:2013   | PEMASANGAN & PENYELENGGARAAN SISTEM KESELAMATAN ELEKTRONIK                  | 3     |
| 496 | G471     | DT-010-3:2014   | OPERASI PERUNCITAN (JABATAN)  | 3     |
| 497 | G471     | DT-010-4:2014   | OPERASI PERUNCITAN (BAHAGIAN)   | 4     |
| 498 | G471     | DT-010-5:2014   | PENGURUSAN OPERASI PERUNCITAN   | 5     |
| 499 | G471     | DT-013-3:2014   | OPERASI PEMOTONGAN DAGING RUNCIT  | 3     |
| 500 | G471     | DT-014-3:2014   | OPERASI PERDAGANGAN RUNCIT  | 3     |
| 501 | G471     | DT-015-3:2016   | OPERASI RUNCIT BUAH-BUAHAN & SAYUR-SAYURAN                                  | 3     |
| 502 | G471     | DT-020-2:2011   | OPERASI JUALAN  | 2     |
| 503 | G471     | DT-020-3:2011   | OPERASI JUALAN  | 3     |
| 504 | G471     | DT-020-4:2011   | OPERASI JUALAN  | 4     |
| 505 | G471     | DT-020-5:2011   | OPERASI JUALAN  | 5     |
| 506 | G471     | DT-021-3:2012   | OPERASI PEMBELIAN (JUALAN BORONG)   | 3     |
| 507 | F433     | DWC 1           | PEMBANTU PEMASANG BILIK BERSIH  | 1     |
| 508 | F433     | DWC 2           | PEMASANG BILIK BERSIH DRYWALL   | 2     |
| 509 | F433     | DWC 3           | PENYELIA BILIK BERSIH   | 3     |
| 510 | F433     | DWC4            | EKSEKUTIF PROJEK SILING & DRYWALL   | 4     |
| 511 | F433     | DWC5            | PENGURUS PROJEK SILING & DRYWALL  | 5     |
| 512 | F433     | DWP 1           | PEMBANTU PEMASANG PEMBAHAGI DRYWALL   | 1     |
| 513 | F433     | DWP 2           | PEMASANG PEMBAHAGI DRYWALL  | 2     |
| 514 | F433     | DWP 3           | PENYELIA PEMBAHAGI DRYWALL  | 3     |
| 515 | E360     | E360-001-2:2016 | KAWALAN KUALITI RAWATAN AIR (MAKMAL)  | 2     |
| 516 | E360     | E360-001-3:2016 | KAWALAN KUALITI DAN PENGUJIAN RAWATAN AIR (MAKMAL)                          | 3     |
| 517 | E360     | E360-002-4:2016 | OPERASI DAN KAWALAN TEKNIKAL AIR TIDAK BERHASIL (NRW)                       | 4     |
| 518 | E360     | E360-002-5:2016 | PENGURUSAN TEKNIKAL AIR TIDAK BERHASIL (NRW)                                | 5     |
| 519 | E360     | E360-003-2:2019 | APLIKASI INSTRUMENTASI BEKALAN AIR  | 2     |
| 520 | E360     | E360-003-3:2019 | PENYELIAAN INSTRUMENTASI BEKALAN AIR  | 3     |
| 521 | E360     | E360-003-4:2019 | PENGURUSAN OPERASI INSTRUMENTASI BEKALAN AIR                                | 4     |
| 522 | E360     | E360-003-5:2019 | PENGURUSAN INSTRUMENTASI BEKALAN AIR  | 5     |
| 523 | E360     | E360-004-4:2023 | OPERASI MAKMAL KUALITI AIR  | 4     |
| 524 | E360     | E360-004-5:2023 | PENGURUSAN MAKMAL KUALITI AIR   | 5     |
| 525 | E360     | E360-005-2:2023 | PEMBACAAN METER AIR DAN PENGEKILAN  | 2     |
| 526 | E360     | E360-005-3:2023 | PEMBACAAN METER AIR DAN PENGEKILAN  | 3     |
| 527 | E360     | E360-006-2:2023 | PENGUMPULAN DATA TEKNIKAL (PERANCANGAN DAN REKA BENTUK) INFRASTRUKTUR AIR   | 2     |
| 528 | E360     | E360-006-3:2023 | PRA-REKA BENTUK PEMBANGUNAN INFRASTRUKTUR AIR (PERANCANGAN DAN REKA BENTUK) | 3     |
| 529 | E360     | E360-007-2:2023 | PEMPROFILAN ASET INFRASTRUKTUR AIR  | 2     |
| 530 | E360     | E360-007-3:2023 | PENILAIAN ASET INFRASTRUKTUR AIR  | 3     |

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| 531 | E370     | E370-001-4:2016 | KAWALAN OPERASI LOJI RAWATAN KUMBAHAN                                       | 4     |
| 532 | E370     | E370-001-5:2016 | PENGURUSAN OPERASI LOJI RAWATAN KUMBAHAN                                    | 5     |
| 533 | E370     | E370-003-2:2022 | PERKHIDMATAN OPERASI DAN PENYELENGGARAAN RANGKAIAN PAIP PEMBETUNGAN         | 2     |
| 534 | E370     | E370-003-3:2022 | PENYELIAAN OPERASI DAN PENYELENGGARAAN RANGKAIAN PAIP PEMBETUNGAN           | 3     |
| 535 | E370     | E370-003-4:2022 | PENTADBIRAN TEKNIKAL OPERASI DAN PENYELENGGARAAN RANGKAIAN PAIP PEMBETUNGAN | 4     |
| 536 | E370     | E370-003-5:2022 | PENGURUSAN OPERASI DAN PENYELENGGARAAN RANGKAIAN PAIP PEMBETUNGAN           | 5     |
| 537 | E370     | E370-004-3:2023 | PEMBANGUNAN INFRASTRUKTUR PEMBETUNGAN (PENGURUSAN ASET)                     | 3     |
| 538 | E381     | E381-001-2:2017 | OPERASI PENGENDALIAN BIOHAZARD & BUANGAN SISA PERUBATAN                     | 2     |
| 539 | E381     | E381-001-3:2017 | OPERASI PENYELIAAN BIOHAZARD & SISA PERUBATAN                               | 3     |
| 540 | E382     | E382-001-2:2017 | SEWAGE SLUDGE DESLUDGING AND DISCHARGE OPERATION                            | 2     |
| 541 | E382     | E382-001-3:2017 | SEWAGE SLUDGE DESLUDGING AND DISCHARGE SUPERVISION                          | 3     |
| 542 | E382     | E382-001-4:2017 | SEWAGE SLUDGE DESLUDGING AND DISCHARGE ADMINISTRATION                       | 4     |
| 543 | E382     | E382-001-5:2017 | SEWAGE SLUDGE DESLUDGING AND DISCHARGE MANAGEMENT                           | 5     |
| 544 | E382     | E382-002-3:2020 | OPERASI RAWATAN DAN PELUPUSAN SISA PEPEJAL                                  | 3     |
| 545 | E383     | E383-001-3:2017 | END OF LIFE VEHICLE - PARTS & COMPONENTS SALVAGE                            | 3     |
| 546 | E383     | E383-002-3:2020 | OPERASI KITAR SEMULA PLASTIK  | 3     |
| 547 | C264     | EE-010-4        | EKSEKUTIF TEKNOLOGI AUDIO VISUAL ELEKTRONIK                                 | 4     |
| 548 | C264     | EE-010-5        | EKSEKUTIF KANAN TEKNOLOGI AUDIO VISUAL ELEKTRONIK                           | 5     |
| 549 | C261     | EE-020-3:2013   | PENGELUARAN PEMASANGAN SEMIKONDUKTOR  | 3     |
| 550 | C261     | EE-020-4:2013   | PENYELIAAN TEKNIKAL PENGELUARAN SEMIKONDUKTOR (PROSES BAHAGIAN BELAKANG)    | 4     |
| 551 | C261     | EE-020-5:2013   | PENGURUSAN PENGELUARAN SEMIKONDUKTOR (PROSES BAHAGIAN BELAKANG)             | 5     |
| 552 | C261     | EE-021-4:2012   | PEMBANGUNAN PRODUK ELEKTRONIK   | 4     |
| 553 | C261     | EE-021-5:2012   | REKABENTUK & PENGURUSAN PRODUK ELEKTRONIK                                   | 5     |
| 554 | C261     | EE-022-4:2012   | OPERASI FABRIKASI WAFER BAHAGIAN HADAPAN                                    | 4     |
| 555 | C261     | EE-022-5:2012   | OPERASI PROSES FABRIKASI WAFER BAHAGIAN HADAPAN                             | 5     |
| 556 | C261     | EE-023-5:2012   | OPERASI PEMBUATAN FABRIKASI WAFER BAHAGIAN HADAPAN                          | 5     |
| 557 | C261     | EE-024-4:2014   | PENYELENGGARAAN PERALATAN FABRIKASI WAFER BAHAGIAN HADAPAN                  | 4     |
| 558 | C261     | EE-024-5:2014   | PENCARISILAPAN & PEMBAIKPULIHAN PERALATAN FABRIKASI WAFER BAHAGIAN HADAPAN  | 5     |
| 559 | O841     | EE-030-4        | PEGAWAI TELEKOMUNIKASI (TEKNIKAL)   | 4     |
| 560 | O841     | EE-030-5        | PEGAWAI KANAN TELEKOMUNIKASI (TEKNIKAL)                                     | 5     |
| 561 | O841     | EE-031-4        | PEGAWAI TELEKOMUNIKASI (OPERASI)  | 4     |
| 562 | O841     | EE-031-5        | PEGAWAI KANAN TELEKOMUNIKASI (OPERASI)                                      | 5     |
| 563 | J612     | EE-032-2        | JURUTEKNIK (PENGUSUISAN 3G)   | 2     |
| 564 | J612     | EE-032-3        | JURUTEKNIK KANAN (PENGUSUISAN 3G)   | 3     |
| 565 | J612     | EE-033-2        | JURUTEKNIK RANGKAIAN AKSES RADIO  | 2     |
| 566 | J612     | EE-033-3        | JURUTEKNIK KANAN RANGKAIAN AKSES RADIO                                      | 3     |
| 567 | J612     | EE-033-4        | PEMBANTU EKSEKUTIF TEKNIKAL RANGKAIAN AKSES RADIO                           | 4     |
| 568 | J612     | EE-033-5        | EKSEKUTIF TEKNIKAL RANGKAIAN AKSES RADIO                                    | 5     |
| 569 | J612     | EE-034-1        | JURUTEKNIK RENDAH TELEKOMUNIKASI MOBIL                                      | 1     |
| 570 | J612     | EE-035-2        | JURUTEKNIK RANGKAIAN PENGHANTARAN OPTIK                                     | 2     |



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| 571 | J612     | EE-035-3      | JURUTEKNIK KANAN RANGKAIAN PENGHANTARAN OPTIK                                      | 3     |
| 572 | J612     | EE-036-2      | JURUTEKNIK RANGKAIAN FREKUENSI RADIO   | 2     |
| 573 | J612     | EE-036-3      | JURUTEKNIK KANAN RANGKAIAN FREKUENSI RADIO   | 3     |
| 574 | J611     | EE-037-3:2012 | PACKET SWITCH CORE NETWORK IMPLEMENTATION & DEVELOPMENT (NID)                      | 3     |
| 575 | J611     | EE-037-4:2012 | PACKET SWITCH CORE NETWORK ENGINEERING   | 4     |
| 576 | J611     | EE-037-5:2012 | PACKET SWITCH CORE NETWORK ARCHITECTURE  | 5     |
| 577 | J611     | EE-038-2      | JURUTEKNIK PENGISUISAN LITAR   | 2     |
| 578 | J611     | EE-038-3      | JURUTEKNIK KANAN PENGISUISAN LITAR   | 3     |
| 579 | J612     | EE-039-2:2012 | PEMBAIKPULIHAN TELEFON BIMBIT  | 2     |
| 580 | J612     | EE-039-3:2012 | PEMBAIKPULIHAN TELEFON BIMBIT  | 3     |
| 581 | J612     | EE-040-3:2013 | PEMASANGAN & PENYELENGGARAAN RADIO TANPA WAYAR                                     | 3     |
| 582 | J619     | EE-041-3:2013 | PEMASANGAN, KONFIGURASI & PENYELENGGARAAN PROTOKOL INTERNET                        | 3     |
| 583 | J619     | EE-041-4:2013 | PENGUJIAN & PENYELENGGARAAN PROTOKOL INTERNET                                      | 4     |
| 584 | J619     | EE-041-5:2013 | PERANCANGAN & PENYELENGGARAAN PROTOKOL INTERNET                                    | 5     |
| 585 | F432     | EE-042-4:2014 | TEKNOLOGI RANGKAIAN  | 4     |
| 586 | C261     | EE-050-2      | JURUTEKNIK BUFFER STORAGE  | 2     |
| 587 | C261     | EE-050-3      | JURUTEKNIK KANAN BUFFER  | 3     |
| 588 | C261     | EE-060-2      | JURUTEKNIK EMBEDDED SYSTEM (REKABENTUK)  | 2     |
| 589 | C261     | EE-060-3      | JURUTEKNIK KANAN EMBEDDED SYSTEM (REKABENTUK)                                      | 3     |
| 590 | C261     | EE-070-2      | JURUTEKNIK PAPARAN ELEKTRONIK OPTIKAL (REKABENTUK)                                 | 2     |
| 591 | C261     | EE-070-3      | JURUTEKNIK KANAN PAPARAN ELEKTRONIK OPTIKAL (REKABENTUK)                           | 3     |
| 592 | C261     | EE-080-2      | JURUTEKNIK INTERFERENCE/ELECTROMAGNETIC COMPATIBILITY (EMI/EMC) (REKABENTUK)       | 2     |
| 593 | C261     | EE-080-3      | JURUTEKNIK KANAN INTERFERENCE/ELECTROMAGNETIC COMPATIBILITY (EMI/EMC) (REKABENTUK) | 3     |
| 594 | C264     | EE-090-2      | JURUTEKNIK ANTARA MUKA   | 2     |
| 595 | C264     | EE-090-3      | JURUTEKNIK KANAN ANTARA MUKA   | 3     |
| 596 | C261     | EE-100-2      | JURUTEKNIK PENGURUSAN KUASA ELEKTRONIK PENGGUNA (REKABENTUK)                       | 2     |
| 597 | C261     | EE-100-3      | JURUTEKNIK KANAN PENGURUSAN KUASA ELEKTRONIK PENGGUNA (REKABENTUK)                 | 3     |
| 598 | C261     | EE-101-2      | JURUTEKNIK REKABENTUK ELEKTRONIK PENGGUNA  | 2     |
| 599 | C261     | EE-102-3      | JURUTEKNIK KANAN TEKNOLOGI SENSOR  | 3     |
| 600 | C261     | EE-103-3      | JURUTEKNIK KANAN PROGRAM LOGIK   | 3     |
| 601 | C263     | EE-104-2      | JURUTEKNIK PEMROSESAN ISYARAT DIGITAL (REKABENTUK)                                 | 2     |
| 602 | C263     | EE-104-3      | JURUTEKNIK KANAN PEMROSESAN ISYARAT DIGITAL (REKABENTUK)                           | 3     |
| 603 | C263     | EE-105-2      | JURUTEKNIK RANGKAIAN (REKABENTUK)  | 2     |
| 604 | C263     | EE-105-3      | JURUTEKNIK KANAN RANGKAIAN (REKABENTUK)  | 3     |
| 605 | C264     | EE-110-2      | JURUTEKNIK KESELAMATAN (REKABENTUK)  | 2     |
| 606 | C264     | EE-110-3      | JURUTEKNIK KANAN KESELAMATAN (REKABENTUK)  | 3     |
| 607 | C261     | EE-112-4      | PAKAR REKABENTUK SISTEM ELEKTRONIK   | 4     |
| 608 | C261     | EE-112-5      | PAKAR KANAN REKABENTUK SISTEM ELEKTRONIK   | 5     |
| 609 | C261     | EE-113-4      | PAKAR REKABENTUK LITAR BERSEPADU   | 4     |
| 610 | C261     | EE-113-5      | PAKAR KANAN REKABENTUK LITAR BERSEPADU   | 5     |

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| 611 | C264     | EE-120-4      | PENOLONG SPESIALIS REKABENTUK ELEKTRONIK PENGGUNA                       | 4     |
| 612 | C264     | EE-120-5      | SPESIALIS REKABENTUK ELEKTRONIK PENGGUNA                                | 5     |
| 613 | M712     | EE-130-1      | PEMBANTU JURUTEKNIK ALATAN KEPERSISAN ELEKTRIK                          | 1     |
| 614 | M712     | EE-130-2      | JURUTEKNIK ALATAN KEPERSISAN ELEKTRIK                                   | 2     |
| 615 | M712     | EE-130-3      | JURUTEKNIK KANAN ALATAN KEPERSISAN ELEKTRIK                             | 3     |
| 616 | J591     | EE-140-3:2012 | OPERASI & PENYELENGGARAAN PENGHANTARAN SIARAN                           | 3     |
| 617 | J591     | EE-140-4:2013 | SISTEM KAWALAN PENGHANTARAN SIARAN                                      | 4     |
| 618 | J591     | EE-140-5:2013 | PENGURUSAN PENGHANTARAN SIARAN  | 5     |
| 619 | J581     | EE-141-3:2014 | KEWARTAWANAN  | 3     |
| 620 | J619     | EE-200-3:2013 | PEMASANGAN & PENYELENGGARAAN RADAR                                      | 3     |
| 621 | F432     | EE-210-2      | PEMBANTU PENGAMAL PEMASANGAN DAN PENYELENGGARAAN SOLAR                  | 2     |
| 622 | F432     | EE-210-3      | PENGAMAL PEMASANGAN DAN PENYELENGGARAAN SOLAR                           | 3     |
| 623 | F432     | EE-210-4      | PENOLONG PEREKABENTUK TEKNOLOGI SOLAR                                   | 4     |
| 624 | F432     | EE-210-5      | PEREKABENTUK TEKNOLOGI SOLAR  | 5     |
| 625 | F432     | EE-211-1:2012 | LOW TENSION OVERHEAD INSTALLATION                                       | 1     |
| 626 | F432     | EE-211-2:2012 | LOW TENSION OVERHEAD INSTALLATION & OPERATION                           | 2     |
| 627 | F432     | EE-211-3:2012 | LOW TENSION OVERHEAD INSTALLATION, OPERATION & MAINTENANCE              | 3     |
| 628 | C281     | EE-212-3:2013 | OPERASI PEMBUATAN PANEL SOLAR   | 3     |
| 629 | C281     | EE-212-4:2013 | KAWALAN PEMBUATAN PANEL SOLAR   | 4     |
| 630 | C281     | EE-212-5:2013 | PENGURUSAN PEMBUATAN PANEL SOLAR  | 5     |
| 631 | F432     | EE-213-4:2014 | REKABENTUK & PENGOPTIMUMAN SISTEM PV SOLAR                              | 4     |
| 632 | F432     | EE-213-5:2014 | PENGURUSAN SISTEM PV SOLAR  | 5     |
| 633 | D351     | EE-214-3:2016 | OPERASI LOJI JANAKUASA KITAR PADU/ARANG BATU                            | 3     |
| 634 | J591     | EE-220-3:2013 | PENATAAN CAHAYA FILEM & TELEVISYEN                                      | 3     |
| 635 | J591     | EE-220-4:2013 | PENATAAN CAHAYA FILEM & TELEVISYEN                                      | 4     |
| 636 | J591     | EE-220-5:2013 | PENATAAN CAHAYA FILEM & TELEVISYEN                                      | 5     |
| 637 | C265     | EE-230-3:2013 | OPERASI & PENYELENGGARAAN INSTRUMENTASI PERINDUSTRIAN & KAWALAN         | 3     |
| 638 | C265     | EE-230-4:2013 | INSTRUMENTASI PERINDUSTRIAN & SISTEM KAWALAN-PENYELIAAN & KAWALAN       | 4     |
| 639 | C265     | EE-230-5:2013 | INSTRUMENTASI PERINDUSTRIAN & SISTEM- PERANCANGAN & PENGURUSAN TEKNIKAL | 5     |
| 640 | F432     | EE-300-3:2014 | PENCANTUM KABEL 1 (PK 1)  | 3     |
| 641 | F432     | EE-301-3:2014 | PENCANTUM KABEL 2 (PK 2)  | 3     |
| 642 | J611     | EE-321-3:2012 | PEMASANGAN & PENYELENGGARAAN INFRASTRUKTUR PENGHANTARAN                 | 3     |
| 643 | J611     | EE-321-4:2012 | PENGURUSAN INFRASTRUKTUR PENGHANTARAN                                   | 4     |
| 644 | J611     | EE-321-5:2012 | PENGURUSAN INFRASTRUKTUR PENGHANTARAN                                   | 5     |
| 645 | F432     | EE-322-3:2013 | PEMASANGAN & PENYELENGGARAAN ELEKTRIK & LED                             | 3     |
| 646 | F432     | EE-323-3:2013 | PEMASANGAN & PENYELENGGARAAN SISTEM CCTV                                | 3     |
| 647 | F432     | EE-324-3:2013 | PEMASANGAN & PENYELENGGARAAN FIBER OPTIK - TELEKOMUNIKASI               | 3     |
| 648 | F432     | EE-324-4:2013 | PENGURUSAN PEMASANGAN & PENYELENGGARAAN FIBER OPTIK - TELEKOMUNIKASI    | 4     |
| 649 | F432     | EE-324-5:2013 | PENGURUSAN PEMASANGAN & PENYELENGGARAAN FIBER OPTIK - TELEKOMUNIKASI    | 5     |
| 650 | M722     | ET-010-4      | PENYELIDIK ISLAM - MU'TABAR   | 4     |

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| 651 | M722     | ET-010-5        | PENYELIDIK ISLAM - MU'TABAR KANAN                         | 5     |
| 652 | P854     | ET-011-3:2012   | KEJURULATIHAN SUKAN                                       | 3     |
| 653 | P854     | ET-012-3:2012   | PENDIDIKAN PRA SEKOLAH                                    | 3     |
| 654 | R932     | ET-013-3:2013   | PERKHIDMATAN REKREASI LUAR                                | 3     |
| 655 | P855     | ET-014-3:2013   | PERKHIDMATAN PUSAT KECERGASAN                             | 3     |
| 656 | P855     | ET-014-4:2016   | PENGURUSAN OPERASI PUSAT KECERGASAN                       | 4     |
| 657 | P855     | ET-014-5:2016   | PENGURUSAN OPERASI PUSAT KECERGASAN                       | 5     |
| 658 | P854     | ET-015-3:2013   | LATIHAN SENI BELADIRI                                     | 3     |
| 659 | P854     | ET-015-4:2013   | KOORDINASI SENI BELADIRI                                  | 4     |
| 660 | P854     | ET-015-5:2013   | PENGURUSAN SENI BELADIRI                                  | 5     |
| 661 | P855     | ET-016-1:2013   | PERKHIDMATAN MASYARAKAT ORANG ASLI                        | 1     |
| 662 | P855     | ET-016-2:2013   | PERKHIDMATAN MASYARAKAT ORANG ASLI                        | 2     |
| 663 | P855     | ET-016-3:2013   | PERKHIDMATAN MASYARAKAT ORANG ASLI                        | 3     |
| 664 | R931     | ET-017-3:2013   | PENJAGAAN & LATIHAN KUDA LUMBA                            | 3     |
| 665 | R931     | ET-017-4:2013   | PENGURUSAN LATIHAN KUDA LUMBA                             | 4     |
| 666 | R931     | ET-018-4:2014   | PELADAMAN KUDA  | 4     |
| 667 | R931     | ET-018-5:2014   | PELADAMAN KUDA  | 5     |
| 668 | R931     | ET-019-3:2014   | KOORDINASI PERSEDIAAN ATLET                               | 3     |
| 669 | C331     | F-060-2         | JURUTEKNIK PERCETAKAN (ELEKTRIK/ELEKTRONIK)               | 2     |
| 670 | C331     | F-060-3         | PENYELIA PERCETAKAN (ELEKTRIK/ELEKTRONIK)                 | 3     |
| 671 | F410     | F410-001-2:2019 | OPERASI PEMBINAAN BANGUNAN                                | 2     |
| 672 | F410     | F410-001-3:2019 | PENYELIAAN OPERASI PEMBINAAN BANGUNAN                     | 3     |
| 673 | F410     | F410-002-2:2017 | IBS BLOCKWORK SYSTEM INSTALLATION                         | 2     |
| 674 | F410     | F410-002-3:2017 | IBS BLOCKWORK SYSTEM INSTALLATION SUPERVISION             | 3     |
| 675 | F410     | F410-003-2:2017 | PEMASANGAN SISTEM ACUAN GUNA SEMULA IBS                   | 2     |
| 676 | F410     | F410-003-3:2017 | PENYELIAAN PEMASANGAN SISTEM ACUAN GUNA SEMULA IBS        | 3     |
| 677 | F410     | F410-004-2:2017 | PEMASANGAN KONKRIT TUANGAN IBS                            | 2     |
| 678 | F410     | F410-004-3:2017 | PENYELIAAN PEMASANGAN KONKRIT TUANGAN IBS                 | 3     |
| 679 | F410     | F410-005-2:2018 | PEMASANGAN PANEL RINGAN (LANTAI & DINDING) IBS            | 2     |
| 680 | F410     | F410-005-3:2018 | PENYELIAAN PEMASANGAN PANEL RINGAN (LANTAI & DINDING) IBS | 3     |
| 681 | F410     | F410-006-2:2018 | PEMASANGAN KEKUDA BUMBUNG LOGAM RINGAN IBS                | 2     |
| 682 | F410     | F410-006-3:2018 | PENYELIAAN PEMASANGAN KEKUDA BUMBUNG LOGAM RINGAN IBS     | 3     |
| 683 | F421     | F421-001-4:2020 | PENTADBIRAN URUSAN JALAN                                  | 4     |
| 684 | F421     | F421-001-5:2020 | PENGURUSAN URUSAN JALAN                                   | 5     |
| 685 | F422     | F422-001-2:2018 | OPERASI PEMASANGAN PAIP MINYAK DAN GAS                    | 2     |
| 686 | F422     | F422-001-3:2018 | PENYELIAAN PEMASANGAN PAIP MINYAK DAN GAS                 | 3     |
| 687 | F422     | F422-002-2:2020 | PEMBANTU OPERATOR PENGGERAKAN PAIP                        | 2     |
| 688 | F422     | F422-002-3:2020 | OPERATOR PENGGERAKAN PAIP                                 | 3     |
| 689 | F422     | F422-003-2:2021 | FOMEN PEMBINAAN SYAF PENGGERAKAN PAIP                     | 2     |
| 690 | F422     | F422-003-3:2021 | PENYELIA PEMBINAAN SYAF PENGGERAKAN PAIP                  | 3     |
| 691 | F422     | F422-004-1:2021 | PEMASANG SISTEM SALIRAN (LONGKANG)                        | 1     |
| 692 | F422     | F422-004-2:2021 | PEMASANG SISTEM SALIRAN (LONGKANG) KANAN                  | 2     |

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| 693 | F429     | F431-001-1:2019 | OPERASI PENGGERUDIAN PENYIASATAN TAPAK  | 1     |
| 694 | F429     | F431-001-2:2019 | OPERASI PENGGERUDIAN PENYIASATAN TAPAK  | 2     |
| 695 | F429     | F431-001-3:2019 | PENYELIAAN PENGGERUDIAN PENYIASATAN TAPAK   | 3     |
| 696 | F432     | F432-001-2:2017 | OPERASI PENEBATAN   | 2     |
| 697 | F432     | F432-001-3:2017 | PENYELIAAN OPERASI PENEBATAN  | 3     |
| 698 | F432     | F432-002-2:2017 | OPERASI PEMASANGAN PERPAIPAN DAN KUMBAHAN   | 2     |
| 699 | F432     | F432-002-3:2017 | PENYELIAAN PEMASANGAN PERPAIPAN DAN KUMBAHAN  | 3     |
| 700 | F432     | F432-003-2:2017 | OPERASI PEMASANGAN & PENYENGGARAAN PENGHAWA DINGIN DAN PENGUDARAAN MEKANIKAL                                  | 2     |
| 701 | F432     | F432-003-3:2017 | PENYELIAAN OPERASI PEMASANGAN & PENYENGGARAAN PENGHAWA DINGIN DAN PENGUDARAAN MEKANIKAL                       | 3     |
| 702 | F432     | F432-004-2:2018 | PEMASANGAN RETIKULASI AIR   | 2     |
| 703 | F432     | F432-004-3:2018 | PENYELIAAN PEMASANGAN RETIKULASI AIR  | 3     |
| 704 | F432     | F432-005-2:2019 | PEMASANGAN DAN PENYELENGGARAAN ELEKTRIK SATU FASA   | 2     |
| 705 | F432     | F432-005-3:2019 | PEMASANGAN DAN PENYELENGGARAAN ELEKTRIK TIGA FASA   | 3     |
| 706 | F432     | F432-005-4:2019 | PEMASANGAN DAN PENYELENGGARAAN ELEKTRIK VOLTAN RENDAH   | 4     |
| 707 | F432     | F432-005-5:2019 | SISTEM PENGAGIHAN DAN PENJANAAN TENAGA ELEKTRIK VOLTAN RENDAH   | 5     |
| 708 | F432     | F432-006-2:2020 | PEMASANGAN & PENYELENGGARAAN SKRIN LED  | 2     |
| 709 | F432     | F432-006-3:2020 | PENYELIAAN PEMASANGAN & PENYELENGGARAAN SKRIN LED   | 3     |
| 710 | F432     | F432-007-3:2020 | PEMASANGAN DAN PENYELENGGARAAN SATU FASA PENYAMANAN UDARA, PENGUDARAAN, PEMANASAN (HVAC)                      | 3     |
| 711 | F432     | F432-008-3:2021 | PEMASANGAN DAN PENYELENGGARAAN TIGA FASA PEMANASAN, PENGUDARAAN, PENYAMANAN UDARA DAN PENYEJUKBEKUAN (HVAC&R) | 3     |
| 712 | F432     | F432-009-2:2021 | PEMASANGAN DAN PENYELENGGARAAN SISTEM SOLAR PHOTOVOLTAIC (PV)   | 2     |
| 713 | F432     | F432-009-3:2021 | OPERASI DAN PENYELENGGARAAN SISTEM SOLAR PHOTOVOLTAIC (PV)  | 3     |
| 714 | F433     | F433-001-2:2017 | PEMASANGAN KACA DAN ALUMINIUM BANGUNAN  | 2     |
| 715 | F433     | F433-002-2:2017 | IBS METAL DOOR & WINDOW FRAME INSTALLATION  | 2     |
| 716 | F433     | F433-002-3:2017 | IBS METAL DOOR & WINDOW FRAME INSTALLATION SUPERVISION  | 3     |
| 717 | F433     | F433-003-2:2018 | PEMASANGAN STRUKTUR BESI IBS  | 2     |
| 718 | F433     | F433-003-3:2018 | PENYELIAAN PEMASANGAN SISTEM STRUKTUR BESI IBS  | 3     |
| 719 | F433     | F433-004-2:2018 | OPERASI PEMBAGASAN DAN PENGECATAN   | 2     |
| 720 | F433     | F433-004-3:2018 | PENGAWASAN OPERASI PEMBAGASAN DAN PENGECATAN  | 3     |
| 721 | F433     | F433-005-2:2019 | OPERASI PEMASANGAN CLADDING   | 2     |
| 722 | F433     | F433-005-3:2019 | PENYELIAAN PEMASANGAN "CLADDING"  | 3     |
| 723 | F433     | F433-006-1:2020 | PEMASANG JUBIN  | 1     |
| 724 | F433     | F433-006-2:2020 | PEMASANG KANAN JUBIN  | 2     |
| 725 | F433     | F433-007-1:2020 | PELEPA  | 1     |
| 726 | F433     | F433-007-2:2020 | PELEPA KANAN  | 2     |
| 727 | F433     | F433-008-1:2021 | OPERASI SOKONGAN PENGECATAN DEKORATIF BANGUNAN  | 1     |
| 728 | F433     | F433-008-2:2021 | OPERASI PENGECATAN DEKORATIF BANGUNAN   | 2     |
| 729 | F433     | F433-008-3:2021 | PENYELIAAN PENGECATAN DEKORATIF BANGUNAN  | 3     |
| 730 | F433     | F433-009-2:2023 | PENGECATAN SENI BINA BANGUNAN   | 2     |
| 731 | F433     | F433-009-3:2023 | PEMERIKSAAN PENGECATAN SENI BINA BANGUNAN   | 3     |

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| 732 | F439     | F439-001-3:2017 | OPERASI KREN                              | 3     |
| 733 | F439     | F439-002-2:2017 | PEMBINAAN LANSKAP                         | 2     |
| 734 | F439     | F439-002-3:2017 | PENYELIAAN PEMBINAAN LANSKAP              | 3     |
| 735 | F439     | F439-002-4:2021 | PENTADBIRAN PEMBINAAN LANSKAP             | 4     |
| 736 | F439     | F439-002-5:2021 | PENGURUSAN PEMBINAAN LANSKAP              | 5     |
| 737 | F439     | F439-003-2:2018 | OPERASI JENTERA LOJI                      | 2     |
| 738 | F439     | F439-003-3:2018 | PENYELIAAN OPERASI JENTERA LOJI           | 3     |
| 739 | F439     | F439-004-1:2019 | OPERASI PAM KONKRIT                       | 1     |
| 740 | F439     | F439-004-2:2019 | OPERASI PAM KONKRIT                       | 2     |
| 741 | F439     | F439-004-3:2019 | PENYELIAAN OPERASI PAM KONKRIT            | 3     |
| 742 | F439     | F439-005-1:2020 | PENERAP BATA                              | 1     |
| 743 | F439     | F439-005-2:2020 | PENERAP BATA KANAN                        | 2     |
| 744 | F439     | F439-006-2:2021 | KERJA SOKONGAN OPERASI MENGANGKAT         | 2     |
| 745 | F439     | F439-006-3:2021 | PENYELIAAN OPERASI MENGANGKAT             | 3     |
| 746 | F439     | F439-006-4:2022 | PENYELARASAN OPERASI MENGANGKAT           | 4     |
| 747 | F439     | F439-006-5:2022 | PENGURUSAN PERANCANGAN OPERASI MENGANGKAT | 5     |
| 748 | M701     | FB-001-5:2012   | KEPIMPINAN KORPORAT                       | 5     |
| 749 | M692     | FB-010-2        | KERANI AUDIT                              | 2     |
| 750 | M692     | FB-010-3        | PEMBANTU AUDIT                            | 3     |
| 751 | H522     | FB-011-2:2013   | OPERASI PENGHANTARAN                      | 2     |
| 752 | H522     | FB-011-3:2013   | OPERASI PENGHANTARAN                      | 3     |
| 753 | H522     | FB-011-4:2013   | OPERASI PENGHANTARAN                      | 4     |
| 754 | H522     | FB-011-5:2013   | PENGURUSAN OPERASI PENGHANTARAN           | 5     |
| 755 | H521     | FB-012-1        | STOREHAND                                 | 1     |
| 756 | H521     | FB-012-2        | PENJAGA SETOR                             | 2     |
| 757 | H521     | FB-012-3        | PENYELIA SETOR                            | 3     |
| 758 | H522     | FB-013-2        | PEMANDU FLIT                              | 2     |
| 759 | H522     | FB-013-3        | PENYELIA FLIT                             | 3     |
| 760 | K661     | FB-016-3:2012   | PERANCANGAN KEWANGAN                      | 3     |
| 761 | K661     | FB-016-4:2013   | PERANCANGAN KEWANGAN                      | 4     |
| 762 | K661     | FB-016-5:2013   | PERANCANGAN KEWANGAN                      | 5     |
| 763 | O841     | FB-017-3:2015   | PENGURUSAN DESA                           | 3     |
| 764 | O841     | FB-017-4        | PENGURUS DESA MUKIM                       | 4     |
| 765 | O841     | FB-017-5        | PENGURUS DESA DAERAH                      | 5     |
| 766 | M731     | FB-018-3:2012   | OPERASI JUALAN & PEMASARAN                | 3     |
| 767 | M731     | FB-018-4:2012   | PENTADBIRAN JUALAN & PEMASARAN            | 4     |
| 768 | M731     | FB-018-5:2012   | PENGURUSAN JUALAN & PEMASARAN             | 5     |
| 769 | M731     | FB-019-3:2012   | PERKHIDMATAN PENGIKLANAN & PROMOSI        | 3     |
| 770 | M731     | FB-019-4:2012   | PEMBANGUNAN PENGIKLANAN & PROMOSI         | 4     |
| 771 | M731     | FB-019-5:2012   | PENGURUSAN PENGIKLANAN & PROMOSI          | 5     |
| 772 | N829     | FB-022-4:2012   | PENGURUSAN KEUSAHAWANAN KECIL & SEDERHANA | 4     |
| 773 | N829     | FB-022-5:2012   | PENGURUSAN KEUSAHAWANAN SEDERHANA         | 5     |
| 774 | N829     | FB-023-3:2012   | PENTADBIRAN INDUSTRI                      | 3     |

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| 775 | N829     | FB-023-4:2012 | PENGURUSAN INDUSTRI   | 4     |
| 776 | N829     | FB-023-5:2012 | PENGURUSAN INDUSTRI   | 5     |
| 777 | N821     | FB-025-3:2012 | SETIAUSAHA KORPORAT EKSEKUTIF   | 3     |
| 778 | N821     | FB-025-4:2012 | PENGURUSAN PENTADBIRAN  | 4     |
| 779 | N821     | FB-025-5:2012 | PENGURUSAN PENTADBIRAN  | 5     |
| 780 | K651     | FB-026-3:2012 | PENTADBIRAN PERKHIDMATAN INSURANS                                       | 3     |
| 781 | K651     | FB-026-4:2014 | FAMILY TAKAFUL AND LIFE INSURANCE UNDERWRITING                          | 4     |
| 782 | K651     | FB-026-5:2014 | FAMILY TAKAFULL AND LIFE INSURANCE UNDERWRITING & OPERATIONS MANAGEMENT | 5     |
| 783 | K651     | FB-028-4:2014 | GENERAL TAKAFUL AND INSURANCE UNDERWRITING                              | 4     |
| 784 | K651     | FB-028-5:2014 | GENERAL TAKAFUL AND INSURANCE UNDERWRITING MANAGEMENT                   | 5     |
| 785 | K651     | FB-029-4:2016 | GENERAL TAKAFUL AND GENERAL CLAIMS ADMINISTRATION                       | 4     |
| 786 | K651     | FB-029-5:2016 | GENERAL TAKAFUL AND GENERAL CLAIMS ADMINISTRATION                       | 5     |
| 787 | M692     | FB-050-3      | PEMBANTU AUDIT DALAMAN  | 3     |
| 788 | M702     | FB-051-3:2014 | PERKHIDMATAN SOKONGAN PERHUBUNGAN AWAM                                  | 3     |
| 789 | M702     | FB-051-4:2014 | PENTADBIRAN PERHUBUNGAN AWAM  | 4     |
| 790 | M702     | FB-051-5:2014 | PENGURUSAN PERHUBUNGAN AWAM   | 5     |
| 791 | L682     | FB-052-2:2013 | PENTADBIRAN PENILAIAN HARTANAH  | 2     |
| 792 | L682     | FB-052-3:2013 | PENTADBIRAN PENILAIAN HARTANAH-TEKNIKAL                                 | 3     |
| 793 | L682     | FB-052-4:2013 | PENGURUSAN PENILAIAN HARTANAH   | 4     |
| 794 | M701     | FB-053-3:2014 | PERKHIDMATAN SOKONGAN PENTADBIRAN SME                                   | 3     |
| 795 | M701     | FB-053-4:2014 | SOKONGAN PENGURUSAN PENTADBIRAN SME                                     | 4     |
| 796 | M701     | FB-053-5:2014 | PENGURUSAN PENTADBIRAN SME  | 5     |
| 797 | M701     | FB-070-2:2013 | PERKHIDMATAN SOKONGAN SUMBER MANUSIA                                    | 2     |
| 798 | M701     | FB-070-3:2013 | PERKHIDMATAN SOKONGAN SUMBER MANUSIA                                    | 3     |
| 799 | M701     | FB-071-4:2013 | PENGURUSAN KAKITANGAN   | 4     |
| 800 | M701     | FB-071-5:2013 | PENGURUSAN KAKITANGAN   | 5     |
| 801 | M701     | FB-073-4:2012 | PENGURUSAN HUBUNGAN PEKERJA-MAJIKAN                                     | 4     |
| 802 | M701     | FB-073-5:2012 | PENGURUSAN HUBUNGAN PEKERJA-MAJIKAN                                     | 5     |
| 803 | M701     | FB-074-4:2012 | PENGURUSAN PAMPASAN & IMBUHAN   | 4     |
| 804 | M701     | FB-074-5:2013 | PENGURUSAN FAEDAH DAN PAMPASAN SUMBER MANUSIA                           | 5     |
| 805 | M701     | FB-075-2:2012 | PERKHIDMATAN SOKONGAN PEMBANGUNAN SUMBER MANUSIA                        | 2     |
| 806 | M701     | FB-075-3:2012 | PERKHIDMATAN SOKONGAN PEMBANGUNAN SUMBER MANUSIA                        | 3     |
| 807 | M701     | FB-075-4:2012 | PENGURUSAN PEMBANGUNAN SUMBER MANUSIA                                   | 4     |
| 808 | M701     | FB-075-5:2012 | PENGURUSAN PEMBANGUNAN SUMBER MANUSIA                                   | 5     |
| 809 | M701     | FB-076-3:2013 | PERKHIDMATAN SOKONGAN PERUNDINGAN SUMBER MANUSIA                        | 3     |
| 810 | M701     | FB-076-4:2013 | PENGURUSAN PEJABAT-PERUNDINGAN SUMBER MANUSIA                           | 4     |
| 811 | M701     | FB-076-5:2013 | PENGURUSAN PEJABAT-PERUNDINGAN SUMBER MANUSIA                           | 5     |
| 812 | M722     | FB-077-3:2013 | PEMROSESAN DATA SUMBER MANUSIA  | 3     |
| 813 | M722     | FB-077-4:2013 | ANALISIS DATA SUMBER MANUSIA  | 4     |
| 814 | M702     | FB-077-5:2013 | PERUNDINGAN SUMBER MANUSIA  | 5     |
| 815 | M692     | FB-080-3      | PEMBANTU PERCUKAIAN   | 3     |
| 816 | M692     | FB-080-4      | PENOLONG EKSEKUTIF PERCUKAIAN   | 4     |

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| 817 | M692     | FB-080-5        | EKSEKUTIF PERCUKAIAN   | 5     |
| 818 | N821     | FB-081-4:2012   | PENTADBIRAN SISTEM MAKLUMAT  | 4     |
| 819 | N821     | FB-081-5:2012   | PENGURUSAN SISTEM MAKLUMAT   | 5     |
| 820 | M692     | FB-100-3:2012   | PERAKAUNAN   | 3     |
| 821 | M692     | FB-100-4:2012   | PERAKAUNAN   | 4     |
| 822 | M692     | FB-100-5:2012   | PERAKAUNAN   | 5     |
| 823 | F432     | FPA3            | EKSEKUTIF PERLINDUNGAN KEBAKARAN                                   | 3     |
| 824 | F432     | FPE1            | PEMASANG PERLINDUNGAN KEBAKARAN (ELEKTRIK)                         | 1     |
| 825 | F432     | FPE2            | PEMASANG PERLINDUNGAN KEBAKARAN (ELEKTRIK)                         | 2     |
| 826 | F432     | FPM1            | PEMASANG PERLINDUNGAN KEBAKARAN (MEKANIKAL)                        | 1     |
| 827 | F432     | FPM2            | PEMASANG PERLINDUNGAN KEBAKARAN (MEKANIKAL)                        | 2     |
| 828 | F432     | FPP1            | APPLIKATOR PERLINDUNGAN KEBAKARAN (PASIF)                          | 1     |
| 829 | F432     | FPP2            | APPLIKATOR PERLINDUNGAN KEBAKARAN (PASIF)                          | 2     |
| 830 | F432     | FPP3            | APPLIKATOR PERLINDUNGAN KEBAKARAN (PASIF)                          | 3     |
| 831 | F432     | FPS1            | PEMBANTU PENYELENGGARAN PERLINDUNGAN KEBAKARAN                     | 1     |
| 832 | F432     | FPS2            | PEMBANTU PENYELENGGARAN PERLINDUNGAN KEBAKARAN                     | 2     |
| 833 | F432     | FPS3            | PENYELIA PENYELENGGARAAN PERLINDUNGAN KEBAKARAN                    | 3     |
| 834 | D352     | FTG1            | JURUGEGAS GAS KELAS III  | 1     |
| 835 | D352     | FTG2            | JURUGEGAS GAS KELAS II   | 2     |
| 836 | D352     | FTG3            | JURUGEGAS GAS KELAS I  | 3     |
| 837 | F433     | FWA 3           | PENYELIA KERJA KERANGKA ALUMINIUM                                  | 3     |
| 838 | G451     | G451-001-2:2016 | OPERASI PEMERINCIAN KERETA   | 2     |
| 839 | G451     | G451-001-3:2016 | PENYELIAAN PEMERINCIAN KERETA                                      | 3     |
| 840 | G452     | G452-001-2:2017 | KENDERAAN PERDAGANGAN - SERVIS PEMBAIKAN                           | 2     |
| 841 | G452     | G452-001-3:2017 | KENDERAAN PERDAGANGAN - SERVIS DIAGNOSTIK                          | 3     |
| 842 | G452     | G452-002-2:2018 | PERKHIDMATAN PEMBAIKAN - KENDERAAN RINGAN                          | 2     |
| 843 | G452     | G452-002-3:2018 | SERVIS DIAGNOSTIK - KENDERAAN RINGAN                               | 3     |
| 844 | G452     | G452-002-4:2017 | OPERASI SERVIS SELEPAS JUALAN - KENDERAAN BERMOTOR                 | 4     |
| 845 | G452     | G452-002-5:2017 | PENGURUSAN SERVIS SELEPAS JUALAN - KENDERAAN BERMOTOR              | 5     |
| 846 | G452     | G452-003-3:2018 | KENDERAAN RINGAN - PENYELENGGARAAN HVAC                            | 3     |
| 847 | G452     | G452-004-3:2019 | PEMASANGAN KENDERAAN GAS ASLI TERMAMPAT                            | 3     |
| 848 | G452     | G452-005-3:2019 | PENGEMASAN & PENGECATAN SEMULA KENDERAAN                           | 3     |
| 849 | G452     | G452-006-3:2019 | PEMBAIKAN BADAN KENDERAAN AUTOMOTIF                                | 3     |
| 850 | G452     | G452-007-3:2019 | SERVIS KERETA ELEKTRIK DAN HIBRID                                  | 3     |
| 851 | G452     | G452-008-3:2020 | PERSEDIAAN DAN PENYELENGGARAAN JENTERA SUKAN BERMOTOR (EMPAT-RODA) | 3     |
| 852 | G452     | G452-009-3:2022 | OPERASI PENILAIAN KEROSAKAN & BAIK PULIH KENDERAAN BERMOTOR        | 3     |
| 853 | G452     | G452-010-3:2023 | DIAGNOSTIK DAN PEMBAIKAN KENDERAAN ELEKTRIK BATERI (BEV)           | 3     |
| 854 | G454     | G454-001-1:2018 | MOTOSIKAL - PENYELENGGARAAN & PERKHIDMATAN                         | 1     |
| 855 | G454     | G454-001-2:2018 | MOTOSIKAL - PERKHIDMATAN PEMBAIKAN                                 | 2     |
| 856 | G454     | G454-001-3:2018 | MOTOSIKAL - PERKHIDMATAN DIAGNOSIS                                 | 3     |
| 857 | G471     | G471-001-3:2018 | OPERASI OUTLET PERUNCITAN  | 3     |
| 858 | G471     | G471-001-4:2019 | PENGURUSAN OPERASI OUTLET PERUNCITAN                               | 4     |

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| 859 | G471     | G471-001-5:2019 | PENGURUSAN OUTLET PERUNCITAN                                | 5     |
| 860 | G471     | G471-002-4:2021 | KOORDINASI PEMOTONGAN DAGING RUNCIT                         | 4     |
| 861 | G471     | G471-002-5:2021 | PENGURUSAN PEMOTONGAN DAGING RUNCIT                         | 5     |
| 862 | G477     | G477-001-3:2023 | PERDAGANGAN PERUNCITAN FESYEN                               | 3     |
| 863 | F433     | GLZ3            | PENYELIA JURU KACA  | 3     |
| 864 | C259     | H-021-2         | JURUKIMPAL LOGAM TANPA FERUS                                | 2     |
| 865 | C259     | H-021-3         | JURUTEKNIK KIMPALAN LOGAM TANPA FERUS                       | 3     |
| 866 | M749     | H-042-2         | PENTAFSIR RADIOGRAF - TUANGAN DAN TEMPAAAN                  | 2     |
| 867 | H491     | H491-001-2:2017 | PENYELENGGARAAN SEMBOYAN DAN KOMUNIKASI KERETA API          | 2     |
| 868 | H491     | H491-001-3:2017 | KAWALAN PENYELENGGARAAN SEMBOYAN DAN KOMUNIKASI KERETA API  | 3     |
| 869 | H491     | H491-001-4:2017 | KOORDINASI SEMBOYAN DAN KOMUNIKASI KERETA API               | 4     |
| 870 | H491     | H491-001-5:2017 | PENGURUSAN SEMBOYAN DAN KOMUNIKASI KERETA API               | 5     |
| 871 | H491     | H491-002-2:2017 | PENYELENGGARAAN STOK KERETA                                 | 2     |
| 872 | H491     | H491-002-3:2017 | KAWALAN KUALITI PENYELENGGARAAN STOK KERETA                 | 3     |
| 873 | H491     | H491-002-4:2017 | PERANCANGAN DAN PENGAWALAN PENYELENGGARAAN STOK KERETA      | 4     |
| 874 | H491     | H491-002-5:2017 | PENGURUSAN PENYELENGGARAAN STOK KERETA                      | 5     |
| 875 | H491     | H491-003-2:2020 | PEMERIKSAAN OPERASI PERKHIDMATAN DI ATAS KERETAPI           | 2     |
| 876 | H491     | H491-003-3:2020 | PEMERIKSAAN KUALITI OPERASI PERKHIDMATAN DI ATAS KERETAPI   | 3     |
| 877 | H491     | H491-004-3:2020 | PENGAWALAN OPERASI KERETAPI                                 | 3     |
| 878 | H491     | H491-005-2:2020 | OPERASI STESEN KERETAPI                                     | 2     |
| 879 | H491     | H491-005-3:2020 | PENYELIAAN OPERASI STESEN KERETAPI                          | 3     |
| 880 | H492     | H492-001-3:2017 | PENGURUSAN KESELAMATAN PENGANGKUTAN JALAN                   | 3     |
| 881 | H493     | H493-001-2:2019 | OPERASI PEMASANGAN SALURAN PAIP                             | 2     |
| 882 | H493     | H493-001-3:2019 | PENYELIAAN PEMASANGAN SALURAN PAIP                          | 3     |
| 883 | H501     | H501-001-4:2016 | PENGURUSAN KAPAL  | 4     |
| 884 | H501     | H501-001-5:2016 | PENGURUSAN KAPAL  | 5     |
| 885 | H501     | H501-002-2:2017 | MARINE ENGINE ROOM WATCHKEEPING                             | 2     |
| 886 | H501     | H501-002-3:2017 | MARINE ENGINE MAINTENANCE OPERATION                         | 3     |
| 887 | H501     | H501-003-4:2020 | OPERASI KENDALIAN KAPAL DAN KARGO PERSISIR PANTAI           | 4     |
| 888 | H501     | H501-003-5:2020 | PENGURUSAN KENDALIAN KAPAL PERSISIR PANTAI                  | 5     |
| 889 | H501     | H501-004-2:2021 | OPERASI KATERING KAPAL                                      | 2     |
| 890 | H501     | H501-004-3:2021 | PENYELIAAN KATERING KAPAL                                   | 3     |
| 891 | H502     | H502-001-4:2016 | PENYELENGGARAAN ENJIN KAPAL SOKONGAN PESISIRAN PANTAI (OSV) | 4     |
| 892 | H502     | H502-001-5:2016 | PENGURUSAN ENJIN KAPAL SOKONGAN PESISIRAN PANTAI (OSV)      | 5     |
| 893 | H502     | H502-002-3:2020 | OPERASI DEK DOMESTIK  | 3     |
| 894 | H512     | H512-001-2:2019 | PENGENDALIAN DRON   | 2     |
| 895 | H512     | H512-001-3:2019 | PEMERINTAHAN MISI DRON                                      | 3     |
| 896 | H522     | H522-001-3:2016 | PENYELENGGARAAN PERALATAN SOKONGAN DARAT (GSE)              | 3     |
| 897 | H522     | H522-002-4:2016 | PENGENDALIAN DARAT - KAWALAN PERKHIDMATAN RAMP              | 4     |
| 898 | H522     | H522-002-5:2016 | PENGENDALIAN DARAT - PENGURUSAN PERKHIDMATAN RAMP           | 5     |
| 899 | H522     | H522-003-2:2017 | OPERASI STEVEDORE   | 2     |



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| 900 | H522     | H522-003-3:2017                     | PENYELIAAN OPERASI STEVEDORE                             | 3     |
| 901 | H522     | H522-004-4:2017                     | KOORDINASI KESELAMATAN DAN HOSPITALITI DALAM PENERBANGAN | 4     |
| 902 | H522     | H522-004-5:2017                     | PENGURUSAN KESELAMATAN DAN HOSPITALITI DALAM PENERBANGAN | 5     |
| 903 | H522     | H522-005-2:2019                     | OPERASI TAMBATAN   | 2     |
| 904 | H522     | H522-005-3:2019                     | PENYELIAAN OPERASI TAMBATAN                              | 3     |
| 905 | H522     | H522-006-2:2019                     | SOKONGAN KOORDINASI KASTAM IMPORT DAN EKSPORT            | 2     |
| 906 | H522     | H522-006-3:2019                     | PENYELIAAN & KOORDINASI KASTAM IMPORT DAN EKSPORT        | 3     |
| 907 | H522     | H522-006-4:2019                     | PENTADBIRAN KASTAM IMPORT DAN EKSPORT                    | 4     |
| 908 | H522     | H522-006-5:2019                     | PENGURUSAN KASTAM IMPORT DAN EKSPORT                     | 5     |
| 909 | H522     | H522-007-2:2019/<br>H501-003-2:2019 | OPERASI SOKONGAN NAVIGASI                                | 2     |
| 910 | H522     | H522-007-3:2019/<br>H501-003-3:2019 | PENGAWASAN NAVIGASI DAN OPERASI SOKONGAN GELADAK         | 3     |
| 911 | H522     | H522-008-3:2021                     | OPERASI PEMBEKALAN BAHAN API TERMINAL DARAT KE KAPAL     | 3     |
| 912 | H522     | H522-009-2:2021                     | PERKHIDMATAN PEMBEKALAN BAHAN API KAPAL KE KAPAL         | 2     |
| 913 | H522     | H522-009-3:2021                     | PENYELIAAN PEMBEKALAN BAHAN API KAPAL KE KAPAL           | 3     |
| 914 | H522     | H522-010-2:2021                     | OPERASI MESIN PUKAL KERING                               | 2     |
| 915 | H522     | H522-010-3:2021                     | OPERASI KREN PUKAL KERING                                | 3     |
| 916 | H522     | H522-011-1:2021                     | OPERASI TERMINAL KONTENA TRAKTOR TERMINAL                | 1     |
| 917 | H522     | H522-011-2:2021                     | OPERASI TERMINAL KONTENA RUBBER TYRE GANTRY              | 2     |
| 918 | H522     | H522-012-2:2021                     | OPERASI TERMINAL KONTENA STACKER                         | 2     |
| 919 | H522     | H522-012-3:2021                     | OPERASI TERMINAL KONTENA KREN STS                        | 3     |
| 920 | H522     | H522-013-4:2021                     | PERANCANGAN KAPAL KONTENA                                | 4     |
| 921 | H522     | H522-013-5:2021                     | PENGURUSAN PERANCANGAN KAPAL KONTENA                     | 5     |
| 922 | N812     | HI-011-3:2016                       | PERKHIDMATAN SERTU                                       | 3     |
| 923 | I561     | HT-010-4:2012                       | PENGURUSAN BAHAGIAN MAKANAN & MINUMAN                    | 4     |
| 924 | I561     | HT-010-5:2012                       | PENGURUSAN MAKANAN & MINUMAN                             | 5     |
| 925 | I561     | HT-012-4:2011                       | PERKHIDMATAN PENYEDIAAN DAN PEMBUATAN MAKANAN            | 4     |
| 926 | I561     | HT-012-5:2011                       | PERKHIDMATAN PENYEDIAAN DAN PEMBUATAN MAKANAN            | 5     |
| 927 | C106     | HT-013-2:2011                       | PEMBUATAN ROTI   | 2     |
| 928 | C106     | HT-013-3:2011                       | PEMBUATAN ROTI   | 3     |
| 929 | C106     | HT-013-4:2012                       | PENGURUSAN PASTRI & ROTI                                 | 4     |
| 930 | C106     | HT-013-5:2012                       | PENGURUSAN PASTRI & ROTI                                 | 5     |
| 931 | C106     | HT-014-2:2011                       | PEMBUATAN PASTRI   | 2     |
| 932 | C106     | HT-014-3:2011                       | PEMBUATAN PASTRI   | 3     |
| 933 | C104     | HT-015-3:2013                       | PENGELUARAN COKLAT BUATAN TANGAN                         | 3     |
| 934 | N791     | HT-023-3:2012                       | PEMANDU PELANCONG  | 3     |
| 935 | N791     | HT-024-3                            | KETUA ROMBONGAN PELANCONG                                | 3     |
| 936 | N791     | HT-026-3:2013                       | PEMANDU PELANCONG KHAS WILAYAH                           | 3     |
| 937 | N791     | HT-027-3:2016                       | LAND BASED ADVENTURE TOUR GUIDING                        | 3     |
| 938 | I561     | HT-030-3:2014                       | PENYEDIAAN & PENGELUARAN MAKANAN INDIA                   | 3     |
| 939 | I561     | HT-031-2:2016                       | PENYEDIAAN DAN PERKHIDMATAN MAKANAN SEGERA               | 2     |
| 940 | I561     | HT-031-3:2016                       | PENYELIAAN DAN OPERASI MAKANAN SEGERA                    | 3     |

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| 941 | I551     | HT-040-2:2014 | OPERASI HOMESTAY                                  | 2     |
| 942 | I551     | HT-040-3:2014 | PENYELIAAN & KOORDINASI HOMESTAY                  | 3     |
| 943 | I551     | HT-050-4:2011 | PENGURUSAN PENGEMASAN                             | 4     |
| 944 | I551     | HT-050-5:2011 | PENGURUSAN PENGEMASAN                             | 5     |
| 945 | I551     | HT-053-3:2013 | OPERASI PERKHIDMATAN DOBI                         | 3     |
| 946 | I551     | HT-053-4:2013 | OPERASI PERKHIDMATAN DOBI                         | 4     |
| 947 | Q861     | HT-054-2:2016 | OPERASI DOBI PENJAGAAN KESIHATAN                  | 2     |
| 948 | Q861     | HT-054-3:2016 | PENYELIAAN OPERASI DOBI PENJAGAAN KESIHATAN       | 3     |
| 949 | Q861     | HT-054-4:2016 | PENTADBIRAN OPERASI LOJI DOBI PENJAGAAN KESIHATAN | 4     |
| 950 | Q861     | HT-054-5:2016 | PENGURUSAN OPERASI LOJI DOBI PENJAGAAN KESIHATAN  | 5     |
| 951 | N791     | HT-061-2      | PEMANDU KENDERAAN PELANCONG                       | 2     |
| 952 | R932     | HT-062-3:2012 | OPERASI PENGEMUDIAN REKREASI AIR                  | 3     |
| 953 | N771     | HT-063-3:2013 | OPERASI KERETA SEWA                               | 3     |
| 954 | N771     | HT-063-4:2014 | KAWALAN OPERASI KERETA SEWA                       | 4     |
| 955 | N771     | HT-063-5:2014 | KAWALAN OPERASI KERETA SEWA                       | 5     |
| 956 | N812     | HT-070-2:2014 | OPERASI HYGIENE                                   | 2     |
| 957 | N812     | HT-070-3:2014 | OPERASI HYGIENE                                   | 3     |
| 958 | N812     | HT-070-4:2012 | PENGURUSAN OPERASI HYGIENE                        | 4     |
| 959 | N812     | HT-070-5:2012 | PENGURUSAN OPERASI HYGIENE                        | 5     |
| 960 | C329     | HT-071-3:2014 | REKA BENTUK FLORAL                                | 3     |
| 961 | C329     | HT-071-4:2016 | PEMBANGUNAN REKA BENTUK DAN GUBAHAN FLORAL        | 4     |
| 962 | C329     | HT-071-5:2016 | PENGURUSAN REKA BENTUK DAN GUBAHAN FLORAL         | 5     |
| 963 | N811     | HT-072-2:2014 | PERKHIDMATAN DOBI RUNCIT & KOMERSIL               | 2     |
| 964 | N811     | HT-072-3:2014 | PENYELIAAN PERKHIDMATAN DOBI RUNCIT & KOMERSIL    | 3     |
| 965 | N791     | HT-080-4      | EKSEKUTIF JUALAN & PEMASARAN-KAPAL PERSIARAN      | 4     |
| 966 | N791     | HT-080-5      | PENGURUS JUALAN & PEMASARAN-KAPAL PERSIARAN       | 5     |
| 967 | R931     | HT-081-2:2016 | PERKHIDMATAN KEDI GOLF                            | 2     |
| 968 | R931     | HT-081-3:2016 | PERKHIDMATAN TOURING KEDI                         | 3     |
| 969 | H522     | HT-082-1      | PEMBANTU BUGGY MEKANIK                            | 1     |
| 970 | H522     | HT-082-2      | BUGGY MEKANIK                                     | 2     |
| 971 | R931     | HT-082-3:2011 | OPERASI GOLF DAN SUKAN                            | 3     |
| 972 | R931     | HT-082-4:2011 | PENGURUSAN GOLF DAN SUKAN                         | 4     |
| 973 | R931     | HT-082-5:2011 | PENGURUSAN GOLF DAN SUKAN                         | 5     |
| 974 | R931     | HT-083-3:2011 | OPERASI PENYELENGGARAAN PADANG GOLF               | 3     |
| 975 | R931     | HT-083-4:2011 | PENGURUSAN PENYELENGGARAAN PADANG GOLF            | 4     |
| 976 | R931     | HT-083-5:2011 | PENGURUSAN PENYELENGGARAAN PADANG GOLF            | 5     |
| 977 | N813     | HT-084-1      | GROUNDSMAN  | 1     |
| 978 | N813     | HT-084-2      | ASSISTANT GREENKEEPER                             | 2     |
| 979 | N813     | HT-084-3      | GREENKEEPER                                       | 3     |
| 980 | N813     | HT-085-2      | ASSISTANT HORTICULTURIST                          | 2     |
| 981 | N813     | HT-085-3      | HORTICULTURIST                                    | 3     |
| 982 | R931     | HT-086-1      | ASSISTANT CLUB FITTER                             | 1     |
| 983 | R931     | HT-086-2      | CLUB FITTER                                       | 2     |

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| 984  | R931     | HT-086-3        | CLUB FITTER SUPERVISOR                           | 3     |
| 985  | M749     | HT-087-4        | PENGAJAR GOLF PROFESIONAL                        | 4     |
| 986  | M749     | HT-087-5        | KETUA GOLF PROFESIONAL                           | 5     |
| 987  | R931     | HT-088-4:2016   | PENGURUSAN PERSEDIAAN ATLET                      | 4     |
| 988  | R931     | HT-088-5:2016   | PENGURUSAN PERSEDIAAN ATLET                      | 5     |
| 989  | R931     | HT-089-2:2016   | PEMASANGAN DAN PERKHIDMATAN BASIKAL              | 2     |
| 990  | R931     | HT-089-3:2016   | PEMBAIKPULIHAN DAN PENYELENGGARAAN BASIKAL       | 3     |
| 991  | S960     | HT-090-2:2012   | DANDANAN RAMBUT                                  | 2     |
| 992  | S960     | HT-090-3:2012   | DANDANAN RAMBUT                                  | 3     |
| 993  | S960     | HT-090-4:2014   | PENGURUSAN PENDANDAN RAMBUT KREATIF              | 4     |
| 994  | S960     | HT-090-5:2014   | PENGURUSAN SALUN RAMBUT                          | 5     |
| 995  | S960     | HT-092-4:2012   | PERUNDINGAN IMEJ                                 | 4     |
| 996  | S960     | HT-092-5:2012   | PERUNDINGAN IMEJ                                 | 5     |
| 997  | R931     | HT-093-3:2016   | PERKHIDMATAN PENYELENGGARAAN FASILITI SUKAN      | 3     |
| 998  | N791     | HT-101-3:2014   | PERUNDINGAN PELANCONGAN                          | 3     |
| 999  | N791     | HT-101-4:2014   | PENTADBIRAN PERUNDINGAN PELANCONGAN              | 4     |
| 1000 | N791     | HT-101-5:2014   | PENGURUSAN PERUNDINGAN PELANCONGAN               | 5     |
| 1001 | R932     | HT-190-3:2012   | OPERASI TAMAN TEMA                               | 3     |
| 1002 | R932     | HT-190-4:2012   | PENGURUSAN TAMAN TEMA                            | 4     |
| 1003 | R932     | HT-190-5:2012   | PENGURUSAN TAMAN TEMA                            | 5     |
| 1004 | N823     | HT-200-3:2014   | PERKHIDMATAN HUBUNGAN PENGANJURAN MICE           | 3     |
| 1005 | N823     | HT-200-4:2016   | KOORDINASI PAMERAN                               | 4     |
| 1006 | N823     | HT-200-5:2016   | PENGURUSAN PAMERAN                               | 5     |
| 1007 | N823     | HT-201-3:2012   | KOORDINASI PENGURUSAN ACARA                      | 3     |
| 1008 | N823     | HT-201-4:2012   | PENGURUSAN ACARA                                 | 4     |
| 1009 | N823     | HT-201-5:2012   | PENGURUSAN ACARA                                 | 5     |
| 1010 | R931     | HT-202-2:2013   | OPERASI KESELAMATAN AKUATIK DAN PENYELAMATAN     | 2     |
| 1011 | R931     | HT-202-3:2013   | PENYELIAAN KESELAMATAN AKUATIK DAN PENYELAMATAN  | 3     |
| 1012 | R931     | HT-202-4:2013   | PENTADBIRAN KESELAMATAN AKUATIK DAN PENYELAMATAN | 4     |
| 1013 | R931     | HT-202-5:2013   | PENGURUSAN KESELAMATAN AKUATIK DAN PENYELAMATAN  | 5     |
| 1014 | R931     | HT-203-3:2014   | KOORDINASI ACARA SUKAN                           | 3     |
| 1015 | R931     | HT-300-3:2012   | PENJAGAAN KUDA                                   | 3     |
| 1016 | R931     | HT-300-4:2012   | PENTADBIRAN PUSAT EKUIN                          | 4     |
| 1017 | R931     | HT-300-5:2012   | PENGURUSAN PUSAT EKUIN                           | 5     |
| 1018 | R910     | HT-301-3:2014   | PENGENDALIAN HUSBANDRI GAJAH                     | 3     |
| 1019 | R910     | HT-302-3:2014   | PENGENDALIAN KONFLIK GAJAH                       | 3     |
| 1020 | R910     | HT-303-3:2015   | KONSERVASI BURUNG                                | 3     |
| 1021 | R932     | HT-400-3:2013   | OPERASI SELAM SKUBA                              | 3     |
| 1022 | R932     | HT-400-4:2013   | PENGURUSAN OPERASI SELAM SKUBA                   | 4     |
| 1023 | R932     | HT-400-5:2013   | PENGURUSAN OPERASI SELAM SKUBA                   | 5     |
| 1024 | R932     | HT-401-3:2014   | PENYELENGGARAAN SELAM SKUBA                      | 3     |
| 1025 | I551     | I551-001-3:2017 | OPERASI TEMPAHAN BILIK                           | 3     |
| 1026 | I551     | I551-001-4:2018 | PENTADBIRAN TEMPAHAN, PEROLEHAN & PENGEDARAN     | 4     |

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| 1027 | I551     | I551-001-5:2018 | PENGURUSAN TEMPAHAN, PEROLEHAN & PENGEDARAN      | 5     |
| 1028 | I551     | I551-002-3:2017 | OPERASI KAUNTER HADAPAN                          | 3     |
| 1029 | I551     | I551-002-4:2018 | PENTADBIRAN KAUNTER HADAPAN                      | 4     |
| 1030 | I551     | I551-002-5:2018 | PENGURUSAN KAUNTER HADAPAN                       | 5     |
| 1031 | I551     | I551-003-2:2018 | OPERASI PENGEMASAN                               | 2     |
| 1032 | I551     | I551-003-3:2018 | PENYELIAAN OPERASI PENGEMASAN                    | 3     |
| 1033 | I561     | I561-001-2:2017 | OPERASI STEWARDING                               | 2     |
| 1034 | I561     | I561-001-3:2017 | PENYELIAAN OPERASI STEWARDING                    | 3     |
| 1035 | I561     | I561-001-4:2019 | KAWALAN OPERASI STEWARDING                       | 4     |
| 1036 | I561     | I561-001-5:2019 | PENGURUSAN STEWARDING                            | 5     |
| 1037 | I561     | I561-002-2:2018 | OPERASI SERVIS MAKANAN & MINUMAN                 | 2     |
| 1038 | I561     | I561-002-3:2018 | PENYELIAAN OPERASI MAKANAN & MINUMAN             | 3     |
| 1039 | I561     | I561-003-2:2021 | PENYEDIAAN MASAKAN JEPUN                         | 2     |
| 1040 | I561     | I561-003-3:2021 | PENYELIAAN PENYEDIAAN MASAKAN JEPUN              | 3     |
| 1041 | I561     | I561-004-4:2021 | PENTADBIRAN OPERASI RESTORAN PERKHIDMATAN SEGERA | 4     |
| 1042 | I561     | I561-004-5:2021 | PENGURUSAN RESTORAN PERKHIDMATAN SEGERA          | 5     |
| 1043 | I561     | I561-005-2:2022 | PENYEDIAAN DAN PENGHASILAN MAKANAN               | 2     |
| 1044 | I561     | I561-005-3:2022 | OPERASI SENI KULINARI                            | 3     |
| 1045 | I563     | I563-001-2:2017 | PERKHIDMATAN BARISTA                             | 2     |
| 1046 | I563     | I563-001-3:2018 | OPERASI PERKHIDMATAN BARISTA                     | 3     |
| 1047 | C321     | ID-010-1        | PEMBUAT LOGAM HIASAN                             | 1     |
| 1048 | C321     | ID-010-2        | PEMBUAT KANAN LOGAM HIASAN                       | 2     |
| 1049 | C321     | ID-010-3        | PENYELIA PEMBUATAN LOGAM HIASAN                  | 3     |
| 1050 | F432     | ID-020-1        | PEMBUAT PINTU & TINGKAP                          | 1     |
| 1051 | F432     | ID-020-2        | PEMBUAT KANAN PINTU & TINGKAP                    | 2     |
| 1052 | F432     | ID-020-3        | PENYELIA PEMBUATAN PINTU & TINGKAP               | 3     |
| 1053 | F432     | ID-021-1        | PEMASANG SILING HIASAN                           | 1     |
| 1054 | F432     | ID-021-2        | PEMASANG KANAN SILING HIASAN                     | 2     |
| 1055 | F432     | ID-021-3        | PENYELIA PEMASANGAN SILING HIASAN                | 3     |
| 1056 | C251     | ID-030-2        | ARTIS MUDA REKABENTUK PINTU & TINGKAP            | 2     |
| 1057 | C251     | ID-030-3        | JURUTEKNIK REKABENTUK PINTU & TINGKAP            | 3     |
| 1058 | M741     | ID-031-3:2013   | PENGELUARAN HIASAN DALAMAN (FABRIK)              | 3     |
| 1059 | M741     | ID-032-3:2015   | HIASAN DALAMAN                                   | 3     |
| 1060 | M711     | ID-040-1        | PELUKIS REKAAN DALAMAN RENDAH                    | 1     |
| 1061 | M711     | ID-040-2        | PELUKIS REKAAN DALAMAN                           | 2     |
| 1062 | M711     | ID-040-3        | PELUKIS KANAN REKAAN DALAMAN                     | 3     |
| 1063 | H492     | IL-010-3:2012   | OPERASI TERMINAL PENGANGKUTAN AWAM               | 3     |
| 1064 | H492     | IL-010-4:2012   | PENGURUSAN OPERASI TERMINAL PENGANGKUTAN AWAM    | 4     |
| 1065 | H492     | IL-010-5:2012   | PENGURUSAN OPERASI TERMINAL PENGANGKUTAN AWAM    | 5     |
| 1066 | H532     | IL-011-3:2012   | OPERASI PERKHIDMATAN KURIER                      | 3     |
| 1067 | H532     | IL-011-4:2012   | PENGURUSAN OPERASI PERKHIDMATAN KURIER           | 4     |
| 1068 | H532     | IL-011-5:2012   | PENGURUSAN OPERASI PERKHIDMATAN KURIER           | 5     |
| 1069 | H521     | IL-012-3:2012   | OPERASI PERKHIDMATAN PENGAGIHAN & PENGGUDANGAN   | 3     |

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| 1070 | H521     | IL-012-4:2012 | PENGURUSAN OPERASI PERKHIDMATAN PENGAGIHAN & PENGGUDANGAN | 4     |
| 1071 | H521     | IL-012-5:2012 | PENGURUSAN PERKHIDMATAN PENGAGIHAN & PENGGUDANGAN         | 5     |
| 1072 | H522     | IL-013-2:2014 | OPERASI LOGISTIK  | 2     |
| 1073 | H522     | IL-013-3:2014 | PENYELIAAN OPERASI LOGISTIK                               | 3     |
| 1074 | H522     | IL-013-4:2014 | PENTADBIRAN OPERASI LOGISTIK                              | 4     |
| 1075 | H522     | IL-013-5:2014 | PENGURUSAN OPERASI LOGISTIK                               | 5     |
| 1076 | J620     | IT-010-3:2016 | PEMBANGUNAN APLIKASI                                      | 3     |
| 1077 | J620     | IT-010-4:2013 | PEMBANGUNAN MODUL SISTEM                                  | 4     |
| 1078 | J620     | IT-010-5:2013 | APPLICATION SYSTEMS IMPLEMENTATION & INTEGRATION          | 5     |
| 1079 | J620     | IT-020-3:2013 | OPERASI SISTEM KOMPUTER                                   | 3     |
| 1080 | J620     | IT-020-4:2013 | PENTADBIRAN SISTEM KOMPUTER                               | 4     |
| 1081 | J620     | IT-020-5:2013 | PENGURUSAN SISTEM KOMPUTER                                | 5     |
| 1082 | J620     | IT-030-4:2013 | PENTADBIRAN RANGKAIAN KOMPUTER                            | 4     |
| 1083 | J620     | IT-030-5:2013 | PENGURUSAN RANGKAIAN KOMPUTER                             | 5     |
| 1084 | J620     | IT-035-4:2014 | SOKONGAN & PENYELENGGARAAN IT                             | 4     |
| 1085 | J620     | IT-035-5:2014 | PEMBANGUNAN INFRASTRUKTUR IT                              | 5     |
| 1086 | J582     | IT-051-2:2011 | PRODUKSI AUDIO  | 2     |
| 1087 | J582     | IT-051-3:2011 | PRODUKSI AUDIO  | 3     |
| 1088 | J582     | IT-051-4:2012 | PRODUKSI AUDIO  | 4     |
| 1089 | J582     | IT-051-5:2012 | PRODUKSI AUDIO  | 5     |
| 1090 | J582     | IT-053-4:2013 | REKABENTUK KONSEP   | 4     |
| 1091 | J582     | IT-053-5:2013 | REKABENTUK KONSEP   | 5     |
| 1092 | J592     | IT-054-4:2013 | ANIMASI 3D  | 4     |
| 1093 | J592     | IT-054-5:2013 | PENGURUSAN ANIMASI 3D                                     | 5     |
| 1094 | J592     | IT-055-3:2013 | 3D- OPERASI SOKONGAN PENGELUARAN                          | 3     |
| 1095 | J592     | IT-055-4:2013 | ANIMASI 3D- OPERASI PENGELUARAN                           | 4     |
| 1096 | J592     | IT-055-5:2013 | ANIMASI 3D-PENGELUARAN KANDUNGAN                          | 5     |
| 1097 | J592     | IT-056-4:2014 | 3D LIGHTING & RENDERING PRODUCTION OPERATION              | 4     |
| 1098 | J592     | IT-056-5:2014 | 3D LIGHTING & RENDERING PRODUCTION OPERATION              | 5     |
| 1099 | J592     | IT-057-4:2014 | OPERASI PENGELUARAN ANIMASI 2D                            | 4     |
| 1100 | J592     | IT-057-5:2014 | PENGELUARAN KANDUNGAN ANIMASI 2D                          | 5     |
| 1101 | J592     | IT-058-3:2014 | REKABENTUK GRAFIK (DIGITAL)                               | 3     |
| 1102 | J592     | IT-058-4:2016 | APLIKASI REKABENTUK GRAFIK (DIGITAL)                      | 4     |
| 1103 | J592     | IT-058-5:2016 | REKABENTUK KOMUNIKASI (DIGITAL)                           | 5     |
| 1104 | J592     | IT-059-3:2014 | ROTOSCOPING   | 3     |
| 1105 | J592     | IT-059-4:2014 | VISUAL EFFECTS COMPOSITING PRODUCTION                     | 4     |
| 1106 | J592     | IT-059-5:2014 | VISUAL EFFECTS COMPOSITING MANAGEMENT                     | 5     |
| 1107 | J582     | IT-061-3:2014 | SENI VISUAL PERMAINAN 2D                                  | 3     |
| 1108 | J582     | IT-062-4:2016 | PENGELUARAN DAN PEMBANGUNAN VISUAL PERMAINAN 3D           | 4     |
| 1109 | J582     | IT-062-5:2016 | PEMBANGUNAN DAN PENGURUSAN VISUAL PERMAINAN 3D            | 5     |
| 1110 | J592     | IT-063-3:2014 | POST PRODUKSI AUDIO                                       | 3     |
| 1111 | J592     | IT-063-4:2014 | PENGURUSANPOST PRODUKSI AUDIO                             | 4     |

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| 1112 | J592     | IT-063-5:2014   | PENGURUSANPOST PRODUKSI AUDIO VISUAL (CGI)    | 5     |
| 1113 | J592     | IT-064-3:2014   | PENYUNTINGAN VIDEO CGI                        | 3     |
| 1114 | J592     | IT-064-4:2014   | PENGURUSAN PENYUNTINGAN VIDEO CGI             | 4     |
| 1115 | J582     | IT-065-3:2016   | SENI VISUAL                                   | 3     |
| 1116 | J592     | IT-066-3:2016   | CGI STORYBOARDING                             | 3     |
| 1117 | J582     | IT-067-4:2016   | GAME DESIGN                                   | 4     |
| 1118 | J582     | IT-067-5:2016   | GAME DESIGN MANAGEMENT                        | 5     |
| 1119 | J582     | IT-068-4:2016   | GAME PROGRAMMING                              | 4     |
| 1120 | J582     | IT-068-5:2016   | ADVANCED GAME PROGRAMMING                     | 5     |
| 1121 | J592     | IT-070-4:2011   | PEMBANGUNAN KANDUNGAN KREATIF                 | 4     |
| 1122 | J592     | IT-070-5:2011   | PEMBANGUNAN KANDUNGAN KREATIF                 | 5     |
| 1123 | J592     | IT-071-2:2011   | VIDEO/ PRODUKSI FILEM (PENGAMBARAN)           | 2     |
| 1124 | J592     | IT-071-3:2011   | VIDEO/ PRODUKSI FILEM (PENGAMBARAN)           | 3     |
| 1125 | J592     | IT-071-4:2011   | VIDEO/ PRODUKSI FILEM (PENGAMBARAN)           | 4     |
| 1126 | J592     | IT-071-5:2011   | VIDEO/ PRODUKSI FILEM (PENGAMBARAN)           | 5     |
| 1127 | J592     | IT-072-3:2012   | VIDEO/FILEM (PENYUNTINGAN)                    | 3     |
| 1128 | J592     | IT-072-4:2012   | VIDEO/FILEM (PENYUNTINGAN)                    | 4     |
| 1129 | J592     | IT-072-5:2012   | VIDEO/FILEM (PENYUNTINGAN)                    | 5     |
| 1130 | J592     | IT-073-3:2012   | REKA BENTUK KONSEP VIDEO/FILEM (KESAN VISUAL) | 3     |
| 1131 | J592     | IT-073-4:2012   | PRODUKSI VIDEO/FILEM (KESAN VISUAL)           | 4     |
| 1132 | J592     | IT-073-5:2012   | PRODUKSI VIDEO/FILEM (KESAN VISUAL)           | 5     |
| 1133 | J592     | IT-074-3:2012   | VIDEO/FILEM (PROP)                            | 3     |
| 1134 | J631     | IT-081-3        | JURUTEKNIK GEOSPATIAL                         | 3     |
| 1135 | J631     | IT-081-4        | EKSEKUTIF GEOSPATIAL                          | 4     |
| 1136 | J631     | IT-081-5        | PENGURUS GEOSPATIAL                           | 5     |
| 1137 | J631     | IT-082-3:2016   | PENGUMPULAN DATA                              | 3     |
| 1138 | J631     | IT-082-4:2016   | PERLOMBONGAN DATA                             | 4     |
| 1139 | J631     | IT-082-5:2016   | ANALISIS & PENGURUSAN PERLOMBONGAN DATA       | 5     |
| 1140 | J620     | IT-090-5        | JURUTEKNOLOGI KESELAMATAN SISTEM ICT          | 5     |
| 1141 | J639     | IT-100-2:2013   | INBOUND CUSTOMER ENGAGEMENT OPERATIONS        | 2     |
| 1142 | J639     | IT-100-3:2013   | INBOUND CUSTOMER ENGAGEMENT LEAD              | 3     |
| 1143 | J639     | IT-101-2:2013   | OUTBOUND CUSTOMER ENGAGEMENT OPERATIONS       | 2     |
| 1144 | J639     | IT-101-3:2013   | OUTBOUND CUSTOMER ENGAGEMENT LEAD             | 3     |
| 1145 | J639     | IT-102-2:2013   | SUPPORT CUSTOMER ENGAGEMENT OPERATIONS        | 2     |
| 1146 | J639     | IT-102-3:2013   | SUPPORT CUSTOMER ENGAGEMENT LEAD              | 3     |
| 1147 | J620     | IT-120-4:2011   | PENGATURCARAAN MULTIMEDIA                     | 4     |
| 1148 | J620     | IT-120-5:2011   | PENGATURCARAAN MULTIMEDIA                     | 5     |
| 1149 | J620     | IT-121-4:2011   | PENGATURCARAAN DATABASE                       | 4     |
| 1150 | J620     | IT-121-5:2011   | PENGATURCARAAN DATABASE                       | 5     |
| 1151 | J620     | IT-122-4:2011   | PEMBANGUNAN DAN PENGURUSAN APLIKASI SERVER    | 4     |
| 1152 | J620     | IT-122-5:2011   | PEMBANGUNAN DAN PENGURUSAN APLIKASI SERVER    | 5     |
| 1153 | J581     | J581-001-4:2016 | KEWARTAWANAN                                  | 4     |
| 1154 | J581     | J581-001-5:2016 | KEWARTAWANAN                                  | 5     |

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| 1155 | J581     | J581-002-2:2021 | LLUSTRASI DIGITAL  | 2     |
| 1156 | J581     | J581-002-3:2021 | ILUSTRASI MEDIA DIGITAL  | 3     |
| 1157 | J582     | J582-001-3:2019 | REKABENTUK MULTIMEDIA INTERAKTIF   | 3     |
| 1158 | J582     | J582-002-3:2020 | PENGHASILAN ASET PERMAINAN 3D  | 3     |
| 1159 | J591     | J591-001-4:2018 | OPERASI KAMERA   | 4     |
| 1160 | J591     | J591-001-5:2018 | SINEMATOGRAFER   | 5     |
| 1161 | J591     | J591-002-3:2019 | APLIKASI TEKNIKAL ANIMASI 2D   | 3     |
| 1162 | J591     | J591-003-4:2023 | OPERASI PRODUKSI TV DAN FILEM  | 4     |
| 1163 | J591     | J591-003-5:2023 | PENGURUSAN PRODUKSI TV DAN FILEM   | 5     |
| 1164 | J619     | J619-001-3:2016 | PENYELENGGARAAN KEMUDAHAN TELEKOMUNIKASI   | 3     |
| 1165 | J619     | J619-002-4:2021 | OPERASI TEKNIKAL KESELAMATAN SISTEM DAN RANGKAIAN TELEKOMUNIKASI                   | 4     |
| 1166 | J619     | J619-002-5:2021 | PENGURUSAN OPERASI TEKNIKAL KESELAMATAN SISTEM DAN RANGKAIAN TELEKOMUNIKASI        | 5     |
| 1167 | J619     | J619-003-3:2023 | PERKHIDMATAN RANGKAIAN KOMPUTER  | 3     |
| 1168 | J620     | J620-001-5:2019 | UJIAN DAN PENILAIAN PENEMBUSAN KESELAMATAN SIBER                                   | 5     |
| 1169 | J620     | J620-002-4:2020 | PEMBANGUNAN PERISIAN FRONT-END   | 4     |
| 1170 | J620     | J620-002-5:2020 | PEMBANGUNAN PERISIAN FULL STACK  | 5     |
| 1171 | J620     | J620-003-3:2021 | OPERASI TINDAKBALAS AWAL FORENSIK DIGITAL  | 3     |
| 1172 | J620     | J620-004-3:2021 | REKABENTUK VISUAL WEB DAN APLIKASI MUDAH ALIH (USER INTERFACE DAN USER EXPERIENCE) | 3     |
| 1173 | K641     | K641-001-3:2016 | PENTADBIRAN PEMBIAYAAN   | 3     |
| 1174 | K641     | K641-002-3:2018 | PELAKSANAAN PEMATUHAN PERBANKAN (DALAMAN)  | 3     |
| 1175 | K641     | K641-003-3:2018 | PERLAKSANAAN PENGURUSAN RISIKO BANK (DALAMAN)                                      | 3     |
| 1176 | K642     | K642-001-5:2016 | PENGURUSAN KOPERASI  | 5     |
| 1177 | K651     | K651-001-4:2017 | PENTADBIRAN TUNTUTAN INSURANS TAKAFUL/NYAWA KELUARGA                               | 4     |
| 1178 | K651     | K651-001-5:2017 | PENGURUSAN TUNTUTAN INSURANS TAKAFUL/NYAWA KELUARGA                                | 5     |
| 1179 | K661     | K661-001-3:2017 | OPERASI BARIS HADAPAN PERNIAGAAN PERKHIDMATAN WANG                                 | 3     |
| 1180 | K661     | K661-001-4:2017 | PENTADBIRAN PERNIAGAAN PERKHIDMATAN WANG   | 4     |
| 1181 | K661     | K661-001-5:2017 | PENGURUSAN PERNIAGAAN PERKHIDMATAN WANG  | 5     |
| 1182 | K661     | K661-002-4:2016 | PENTADBIRAN PEMATUHAN PERNIAGAAN PERKHIDMATAN WANG                                 | 4     |
| 1183 | K661     | K661-003-3:2018 | OPERASI PERKHIDMATAN CAWANGAN PERBANKAN RUNCIT                                     | 3     |
| 1184 | K661     | K661-003-4:2018 | PENTADBIRAN CAWANGAN PERBANKAN RUNCIT  | 4     |
| 1185 | K661     | K661-003-5:2018 | PENGURUSAN CAWANGAN PERBANKAN RUNCIT   | 5     |
| 1186 | N791     | L-180-4         | EKSEKUTIF JUALAN (PENGEMBARAAN)  | 4     |
| 1187 | N791     | L-180-5         | PENGURUS JUALAN (PENGEMBARAAN)   | 5     |
| 1188 | N813     | LE-020-1:2011   | OPERASI PENYELENGGARAAN TAMAN  | 1     |
| 1189 | N813     | LE-020-2:2011   | OPERASI PENYELENGGARAAN TAMAN  | 2     |
| 1190 | N813     | LE-020-3:2011   | PENYELIAAN PENYELENGGARAAN TAMAN   | 3     |
| 1191 | E382     | LE-031-2:2012   | OPERASI PENGUMPULAN SISA PEPEJAL   | 2     |
| 1192 | E382     | LE-031-3:2012   | PENYELIAAN OPERASI PENGUMPULAN SISA PEPEJAL  | 3     |
| 1193 | E382     | LE-031-4:2012   | PENGUMPULAN SISA PEPEJAL & PENTADBIRAN OPERASI PEMBERSIHAN AWAM                    | 4     |
| 1194 | E382     | LE-031-5:2012   | PENGUMPULAN SISA PEPEJAL & PENGURUSAN OPERASI PEMBERSIHAN AWAM                     | 5     |
| 1195 | E382     | LE-032-2:2012   | OPERASI TRAK PENGUMPULAN SISA PEPEJAL  | 2     |

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| 1196 | E382     | LE-033-2:2012   | OPERASI MANUAL PEMBERSIHAN AWAM                            | 2     |
| 1197 | E382     | LE-033-3:2012   | PENYELIAAN OPERASI PEMBERSIHAN AWAM                        | 3     |
| 1198 | E382     | LE-034-2:2012   | OPERASI MEKANIKAL PEMBERSIHAN AWAM                         | 2     |
| 1199 | E382     | LE-035-2:2013   | OPERASI & PERKHIDMATAN SISTEM RAWATAN EFLUEN INDUSTRI      | 2     |
| 1200 | E382     | LE-035-3:2013   | PENYELIAAN OPERASI SISTEM RAWATAN EFLUEN INDUSTRI          | 3     |
| 1201 | E382     | LE-035-4:2014   | PENGOPTIMUMAN OPERASI IETS                                 | 4     |
| 1202 | E382     | LE-035-5:2014   | PENGOPTIMUMAN OPERASI IETS IETS OPERATIONS SPECIALIZATION  | 5     |
| 1203 | E382     | LE-036-2:2013   | OPERASI BAHAN BUANGAN BERKALA                              | 2     |
| 1204 | E382     | LE-036-3:2013   | PENYELIAAN OPERASI BAHAN BUANGAN BERKALA                   | 3     |
| 1205 | E382     | LE-036-4:2014   | PENTADBIRAN OPERASI BAHAN BUANGAN BERKALA                  | 4     |
| 1206 | E382     | LE-036-5:2014   | PENGURUSAN OPERASI BAHAN BUANGAN BERKALA                   | 5     |
| 1207 | E382     | LE-037-4:2014   | PENTADBIRAN KEMUDAHAN SISA PEPEJAL                         | 4     |
| 1208 | E382     | LE-037-5:2014   | PENGURUSAN KEMUDAHAN SISA PEPEJAL                          | 5     |
| 1209 | E382     | LE-038-2:2014   | OPERASI SISTEM KAWALAN PENCEMARAN UDARA INDUSRI            | 2     |
| 1210 | E382     | LE-038-3:2014   | PENYELIAAN SISTEM KAWALAN PENCEMARAN UDARA INDUSRI         | 3     |
| 1211 | E382     | LE-038-4:2016   | KAWALAN PRESTASI SISTEM KAWALAN PENCEMARAN UDARA INDUSRI   | 4     |
| 1212 | E382     | LE-038-5:2016   | PENGURUSAN SISTEM KAWALAN PENCEMARAN UDARA INDUSRI         | 5     |
| 1213 | N813     | LE-039-3:2014   | OPERASI KEMAMPANAN   | 3     |
| 1214 | N813     | LE-039-4:2014   | PENGURUSAN KEMAMPANAN                                      | 4     |
| 1215 | N813     | LE-039-5:2014   | PENGURUSAN KEMAMPANAN                                      | 5     |
| 1216 | M711     | LE-040-5:2012   | PERUNDINGAN & PENGURUSAN BANGUNAN HIJAU                    | 5     |
| 1217 | D352     | LE-041-2:2016   | OPERASI DAN PENYELENGGARAAN LOJI BIOGAS PENCERNA ANAEROBIK | 2     |
| 1218 | D352     | LE-041-3:2016   | PENYELIAAN LOJI BIOGAS PENCERNA ANAEROBIK                  | 3     |
| 1219 | D352     | LE-041-4:2016   | PENGURUSAN LOJI BIOGAS PENCERNA ANAEROBIK                  | 4     |
| 1220 | D352     | LE-041-5:2016   | PENGURUSAN LOJI BIOGAS PENCERNA ANAEROBIK                  | 5     |
| 1221 | M749     | LE-050-3:2013   | OPERASI PERKHIDMATAN HAIWAN PEROSAK                        | 3     |
| 1222 | M749     | LE-050-4:2013   | PENTADBIRAN PERKHIDMATAN HAIWAN PEROSAK                    | 4     |
| 1223 | M749     | LE-050-5:2013   | PENGURUSAN PERKHIDMATAN HAIWAN PEROSAK                     | 5     |
| 1224 | M701     | M701-001-2:2019 | KHIDMAT SOKONGAN PEMASARAN PUSAT BELI-BELAH                | 2     |
| 1225 | M701     | M701-001-3:2019 | KHIDMAT SOKONGAN PEMASARAN PUSAT BELI-BELAH                | 3     |
| 1226 | M701     | M701-001-4:2019 | PENTADBIRAN PEMASARAN PUSAT BELI-BELAH                     | 4     |
| 1227 | M701     | M701-001-5:2019 | PENGURUSAN PUSAT BELI-BELAH                                | 5     |
| 1228 | M702     | M702-001-2:2019 | KHIDMAT SOKONGAN OPERASI PENGALAMAN PELANGGAN              | 2     |
| 1229 | M702     | M702-001-3:2019 | PENYELIAAN OPERASI PENGALAMAN PELANGGAN                    | 3     |
| 1230 | M702     | M702-001-4:2019 | PENTADBIRAN PENGALAMAN PELANGGAN                           | 4     |
| 1231 | M702     | M702-001-5:2019 | PENGURUSAN PENGALAMAN PELANGGAN                            | 5     |
| 1232 | M711     | M711-001-4:2016 | PENGAWALSELIAAN MAKMAL KIMIA                               | 4     |
| 1233 | M711     | M711-001-5:2016 | PENGURUSAN MAKMAL KIMIA                                    | 5     |
| 1234 | M711     | M711-002-2:2017 | LUKISAN PELAN AWAM DAN STRUKTUR                            | 2     |
| 1235 | M711     | M711-002-3:2017 | PENYELIAAN DAN LUKISAN PELAN AWAM DAN STRUKTUR             | 3     |
| 1236 | M711     | M711-003-4:2019 | PENGATURCARAAN SISTEM ROBOT                                | 4     |
| 1237 | M711     | M711-003-5:2019 | PENGATURCARAAN SISTEM INTEGRASI ROBOT                      | 5     |



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| 1238 | M711     | M711-004-4:2019 | OPERASI INTEGRASI REKABENTUK SISTEM ROBOT  | 4     |
| 1239 | M711     | M711-004-5:2019 | INTEGRASI REKABENTUK DAN PENGURUSAN SISTEM ROBOT                                     | 5     |
| 1240 | M711     | M711-005-3:2019 | OPERASI AUDIT TENAGA   | 3     |
| 1241 | M711     | M711-005-4:2019 | PENGUKURAN DAN ANALISA AUDIT TENAGA  | 4     |
| 1242 | M711     | M711-005-5:2019 | PENGURUSAN AUDIT TENAGA  | 5     |
| 1243 | M711     | M711-006-3:2021 | OPERASI KARTOGRAFI   | 3     |
| 1244 | M712     | M712-001-4:2016 | PENYELIAAN MAKMAL BIOLOGI MOLEKULAR  | 4     |
| 1245 | M712     | M712-001-5:2016 | PENGURUSAN MAKMAL BIOLOGI MOLEKULAR  | 5     |
| 1246 | M712     | M712-002-4:2017 | PEMERIKSAAN KESELAMATAN TAMAN PERMAINAN  | 4     |
| 1247 | M712     | M712-002-5:2017 | PENGURUSAN DAN PENGAUDITAN KESELAMATAN TAMAN PERMAINAN                               | 5     |
| 1248 | M712     | M712-003-1:2017 | PENETRANT TESTING – AEROSPACE MATERIALS, COMPONENTS AND STRUCTURES                   | 1     |
| 1249 | M712     | M712-003-2:2017 | PENETRANT TESTING – AEROSPACE MATERIALS, COMPONENTS AND STRUCTURES                   | 2     |
| 1250 | M712     | M712-003-3:2017 | PENETRANT TESTING – AEROSPACE MATERIALS, COMPONENTS AND STRUCTURES                   | 3     |
| 1251 | M712     | M712-005-3:2019 | OPERASI MAKMAL   | 3     |
| 1252 | M712     | M712-006-1:2019 | PENGUJIAN MAGNETIK – AEROANGKASA (BAHAN, KOMPONEN DAN STRUKTUR)                      | 1     |
| 1253 | M712     | M712-006-2:2019 | PENGUJIAN MAGNETIK – AEROANGKASA (BAHAN, KOMPONEN DAN STRUKTUR)                      | 2     |
| 1254 | M712     | M712-006-3:2019 | PENGUJIAN MAGNETIK – AEROANGKASA (BAHAN, KOMPONEN DAN STRUKTUR)                      | 3     |
| 1255 | M712     | M712-007-1:2019 | PENGUJIAN PENEMBUSAN – JANAKUASA (BAHAN, KOMPONEN DAN PEMBINAAN BERKIMPALAN)         | 1     |
| 1256 | M712     | M712-007-2:2019 | PENGUJIAN PENEMBUSAN – JANAKUASA (BAHAN, KOMPONEN DAN PEMBINAAN BERKIMPALAN)         | 2     |
| 1257 | M712     | M712-007-3:2019 | PENGUJIAN PENEMBUSAN – JANAKUASA (BAHAN, KOMPONEN DAN PEMBINAAN BERKIMPALAN)         | 3     |
| 1258 | M712     | M712-008-1:2019 | PENGUJIAN ULTRASONIK – PENGANGKUTAN (KERETAPI – UKURAN KETEBALAN DAN LAMINASI)       | 1     |
| 1259 | M712     | M712-008-2:2019 | PENGUJIAN ULTRASONIK – PENGANGKUTAN (KERETAPI – REL, SAMBUNGAN DAN GANDAR)           | 2     |
| 1260 | M712     | M712-008-3:2019 | PENGUJIAN ULTRASONIK – PENGANGKUTAN (KERETAPI - REL, SAMBUNGAN DAN GANDAR)           | 3     |
| 1261 | M712     | M712-009-2:2019 | PENGUJIAN ULTRASONIK - FASA TERSUSUN - MINYAK DAN GAS (BAHAN DAN BINAAN BERKIMPALAN) | 2     |
| 1262 | M712     | M712-009-3:2019 | PENGUJIAN ULTRASONIK - FASA TERSUSUN - MINYAK DAN GAS (BAHAN DAN BINAAN BERKIMPALAN) | 3     |
| 1263 | M712     | M712-010-3:2020 | OPERASI KALIBRASI PERALATAN DAN INSTRUMEN PERSIS MEKANIKAL                           | 3     |
| 1264 | M712     | M712-010-4:2020 | KOORDINASI MAKMAL KALIBRASI PERALATAN DAN INSTRUMEN KEPERSISAN MEKANIKAL             | 4     |
| 1265 | M712     | M712-010-5:2020 | PENGURUSAN MAKMAL KALIBRASI PERALATAN DAN INSTRUMEN KEPERSISAN MEKANIKAL             | 5     |
| 1266 | M712     | M712-011-1:2022 | UJIAN RADIOGRAFI - BINAAN TERKIMPAL  | 1     |
| 1267 | M712     | M712-011-2:2022 | UJIAN RADIOGRAFI - BINAAN TERKIMPAL  | 2     |
| 1268 | M712     | M712-011-3:2022 | UJIAN RADIOGRAFI - BINAAN TERKIMPAL  | 3     |
| 1269 | M712     | M712-012-1:2022 | UJIAN RADIOGRAFI – DIGITAL (RT-D) – KIMPALAN, TUANGAN, TIUB DAN PAIP                 | 1     |
| 1270 | M712     | M712-012-2:2022 | UJIAN RADIOGRAFI – DIGITAL (RT-D) – KIMPALAN, TUANGAN, TIUB DAN PAIP                 | 2     |
| 1271 | M712     | M712-012-3:2022 | UJIAN RADIOGRAFI – DIGITAL (RT-D) – KIMPALAN, TUANGAN, TIUB DAN PAIP                 | 3     |
| 1272 | M721     | M721-013-2:2023 | PEMBANGUNAN FORMULASI DAN ANALITIKAL FARMASEUTIKAL                                   | 2     |

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| 1273 | M721     | M721-013-3:2023 | PENYELIAAN PEMBANGUNAN FORMULASI DAN ANALITIKAL FARMASEUTIKAL               | 3     |
| 1274 | M722     | M722-001-3:2017 | PENGOPERASIAN ARKEOLOGI DARATAN   | 3     |
| 1275 | M731     | M731-001-3:2021 | OPERASI PEMASARAN DIGITAL   | 3     |
| 1276 | M731     | M731-001-4:2021 | PERANCANGAN & PELAKSANAAN PEMASARAN DIGITAL                                 | 4     |
| 1277 | M731     | M731-001-5:2021 | PENGURUSAN PEMASARAN DIGITAL  | 5     |
| 1278 | M741     | M741-001-4:2016 | KOORDINASI HIASAN DALAMAN   | 4     |
| 1279 | M741     | M741-001-5:2016 | PENGURUSAN HIASAN DALAMAN   | 5     |
| 1280 | M749     | M749-001-4:2017 | KOORDINASI KAJIAN HIDROGRAFI  | 4     |
| 1281 | M749     | M749-001-5:2017 | PENGURUSAN KAJIAN HIDROGRAFI  | 5     |
| 1282 | M749     | M749-002-1:2019 | OPERASI INDUSTRI AKSES TALI   | 1     |
| 1283 | M749     | M749-002-2:2019 | OPERASI LANJUTAN INDUSTRI AKSES TALI  | 2     |
| 1284 | M749     | M749-002-3:2019 | PENYELIAAN INDUSTRI AKSES TALI  | 3     |
| 1285 | M749     | M749-003-3:2020 | OPERASI PENYELENGGARAAN KAPAL DAN PELABUHAN DI BAWAH AIR (PENYELAMAN SKUBA) | 3     |
| 1286 | M749     | M749-004-3:2020 | PENYELIAAN OPERASI HALAL  | 3     |
| 1287 | M749     | M749-004-4:2020 | PENTADBIRAN HALAL   | 4     |
| 1288 | M749     | M749-004-5:2020 | PENGURUSAN HALAL  | 5     |
| 1289 | M749     | M749-005-3:2020 | PENGUKURAN AUDIT TENAGA TERMAL  | 3     |
| 1290 | M749     | M749-006-4:2021 | PENGURUSAN DATA STATISTIK   | 4     |
| 1291 | M749     | M749-007-3:2021 | PEMASANGAN SISTEM SOLAR TERMAL  | 3     |
| 1292 | M749     | M749-007-4:2021 | PENYELARASAN KEJURUTERAAN SISTEM SOLAR TERMAL                               | 4     |
| 1293 | M749     | M749-007-5:2021 | PENGURUSAN KEJURUTERAAN SISTEM SOLAR TERMAL                                 | 5     |
| 1294 | M749     | M749-008-4:2023 | PENTADBIRAN AUDIT HALAL   | 4     |
| 1295 | M749     | M749-008-5:2023 | PENGURUSAN AUDIT HALAL  | 5     |
| 1296 | C265     | MC-011-2        | JURUTEKNIK JAM  | 2     |
| 1297 | C265     | MC-011-3        | TUKANG JAM  | 3     |
| 1298 | C259     | MC-024-4:2012   | PENGURUSAN TEKNOLOGI KIMPALAN   | 4     |
| 1299 | C259     | MC-024-5:2012   | PENGURUSAN TEKNOLOGI KIMPALAN   | 5     |
| 1300 | C259     | MC-025-3:2012   | PROSES KIMPALAN GAS LOGAM   | 3     |
| 1301 | C259     | MC-026-3:2012   | PROSES KIMPALAN ARKA GAS TUNGSTEN   | 3     |
| 1302 | C259     | MC-027-3:2012   | PROSES KIMPALAN ARKA BERTERAS LOGAM   | 3     |
| 1303 | C259     | MC-028-3:2014   | PROSES GABUNGAN KIMPALAN ARKA GAS TUNGSTEN & KEPINGAN LOGAM                 | 3     |
| 1304 | C282     | MC-030-3:2015   | PEMBUATAN ACUAN SUNTIKAN PLASTIK  | 3     |
| 1305 | C282     | MC-030-5:2014   | PEMBUATAN ACUAN SUNTIKAN PLASTIK  | 5     |
| 1306 | C259     | MC-031-3:2015   | PEMBUATAN LOGAM PENEKANAN DAI   | 3     |
| 1307 | M741     | MC-040-3:2013   | PEMBANGUNAN PRODUK INDUSTRI   | 3     |
| 1308 | M741     | MC-040-4:2013   | REKABENTUK & PEMBANGUNAN PRODUK INDUSTRI                                    | 4     |
| 1309 | M741     | MC-040-5:2013   | PENGURUSAN REKABENTUK PRODUK INDUSTRI                                       | 5     |
| 1310 | M749     | MC-041-2:2012   | KAWALAN KUALITI INDUSTRI  | 2     |
| 1311 | M749     | MC-041-3:2012   | JAMINAN KUALITI INDUSTRI (PEMBUATAN)  | 3     |
| 1312 | M749     | MC-041-4:2012   | JAMINAN KUALITI INDUSTRI  | 4     |
| 1313 | M749     | MC-041-5:2012   | JAMINAN KUALITI INDUSTRI  | 5     |
| 1314 | C331     | MC-042-1        | JURUTEKNIK RENDAH PENYELENGGARAAN (MHE ICT)                                 | 1     |

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| 1315 | C331     | MC-042-2      | JURUTEKNIK PENYELENGGARAAN (MHE ICT)                      | 2     |
| 1316 | C331     | MC-042-3      | PENYELIA PENYELENGGARAAN (MHE ICT)                        | 3     |
| 1317 | C331     | MC-043-3:2016 | OPERASI PERALATAN PENGENDALIAN BAHAN LOGISTIK             | 3     |
| 1318 | C259     | MC-060-2:2012 | PEMERIKSAAN KIMPALAN                                      | 2     |
| 1319 | C259     | MC-060-3:2012 | PEMERIKSAAN KIMPALAN                                      | 3     |
| 1320 | M749     | MC-061-1      | PENGUJI ULTRASONIK DALAM AIR                              | 1     |
| 1321 | M749     | MC-061-2      | PENGUJI ULTRASONIK DALAM AIR                              | 2     |
| 1322 | M749     | MC-061-3      | PENGUJI ULTRASONIK DALAM AIR                              | 3     |
| 1323 | M749     | MC-062-1      | PENGUJI ULTRASONIK AEROANGKASA                            | 1     |
| 1324 | M749     | MC-062-2      | PENGUJI ULTRASONIK AEROANGKASA                            | 2     |
| 1325 | M749     | MC-062-3      | PENGUJI ULTRASONIK AEROANGKASA                            | 3     |
| 1326 | C243     | MC-070-2:2013 | PENGELUARAN FOUNDRY                                       | 2     |
| 1327 | C243     | MC-070-3:2013 | PENYELIAAN PENGELUARAN FOUNDRY                            | 3     |
| 1328 | C243     | MC-070-4:2013 | PENTADBIRAN OPERASI FOUNDRY                               | 4     |
| 1329 | C243     | MC-070-5:2013 | PENGURUSAN OPERASI FOUNDRY                                | 5     |
| 1330 | C259     | MC-071-3:2014 | OPERASI RAWATAN HABA INDUSTRI                             | 3     |
| 1331 | C259     | MC-072-3:2012 | PENGELUARAN PENEMPAAN LOGAM                               | 3     |
| 1332 | C259     | MC-075-4:2012 | PEMBUATAN PERALATAN TEKANAN                               | 4     |
| 1333 | C259     | MC-075-5:2012 | PEMBUATAN PERALATAN TEKANAN                               | 5     |
| 1334 | M711     | MC-080-3:2013 | PELUKISAN PELAN MEKANIKAL                                 | 3     |
| 1335 | M711     | MC-080-4:2013 | PENTADBIRAN SERVIS PELUKISAN PELAN MEKANIKAL              | 4     |
| 1336 | M711     | MC-080-5:2013 | PENGURUSAN SERVIS PELUKISAN PELAN MEKANIKAL               | 5     |
| 1337 | C332     | MC-091-2:2016 | PERKHIDMATAN KEJURUTERAAN AUTOMASI INDUSTRI               | 2     |
| 1338 | C332     | MC-091-3:2016 | PEMASANGAN SISTEM KEJURUTERAAN AUTOMASI INDUSTRI          | 3     |
| 1339 | C332     | MC-091-4:2016 | SOKONGAN SISTEM KEJURUTERAAN AUTOMASI INDUSTRI            | 4     |
| 1340 | C332     | MC-091-5:2016 | PEMBANGUNAN SISTEM KEJURUTERAAN AUTOMASI INDUSTRI         | 5     |
| 1341 | M741     | MC-095-4:2016 | INOVASI & PEMBANGUNAN REKABENTUK PRODUK                   | 4     |
| 1342 | M741     | MC-095-5:2016 | INOVASI & PENGKOMERSILAN REKABENTUK PRODUK                | 5     |
| 1343 | C222     | MC-100-3:2012 | OPERASI PENGELUARAN PLASTIK                               | 3     |
| 1344 | C222     | MC-100-4:2012 | TEKNOLOGI PENGELUARAN PLASTIK                             | 4     |
| 1345 | C222     | MC-100-5:2012 | PENGURUSAN PENGELUARAN PLASTIK                            | 5     |
| 1346 | C222     | MC-101-2:2015 | OPERASI SUNTIKAN ACUAN PLASTIK                            | 2     |
| 1347 | C222     | MC-101-3:2015 | PENYELIAAN OPERASI SUNTIKAN ACUAN PLASTIK                 | 3     |
| 1348 | C222     | MC-102-2:2015 | OPERASI TIUPAN ACUAN PLASTIK & PENYELENGGARAAN            | 2     |
| 1349 | C222     | MC-102-3:2015 | PENYELIAAN OPERASI TIUPAN ACUAN PLASTIK & PENYELENGGARAAN | 3     |
| 1350 | M749     | MC-111-1:2014 | PENGUJIAN ARUS PUSAR – TIUB & PLAT (MINYAK & GAS)         | 1     |
| 1351 | M749     | MC-111-2:2014 | PENGUJIAN ARUS PUSAR – TIUB & PLAT (MINYAK & GAS)         | 2     |
| 1352 | M749     | MC-111-3:2014 | PENGUJIAN ARUS PUSAR – TIUB & PLAT (MINYAK & GAS)         | 3     |
| 1353 | M749     | MC-112-1:2014 | PENGUJIAN PENEMBUSAN- PEMBINAAN TERKIMPAL (MINYAK & GAS)  | 1     |
| 1354 | M749     | MC-112-2:2014 | PENGUJIAN PENEMBUSAN- PEMBINAAN TERKIMPAL (MINYAK & GAS)  | 2     |
| 1355 | M749     | MC-112-3:2014 | PENGUJIAN PENEMBUSAN- PEMBINAAN TERKIMPAL (MINYAK & GAS)  | 3     |

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| 1356 | M749     | MC-113-1:2015 | PEMERIKSAAN ULTRASONIK- BINAAN BERKIMPALAN (PENGUKURAN KETEBALAN & PELAMINAAN)MINYAK & GAS | 1     |
| 1357 | M749     | MC-113-2:2015 | PEMERIKSAAN ULTRASONIK- BINAAN BERKIMPALAN (PLAT & PAIP)MINYAK & GAS                       | 2     |
| 1358 | M749     | MC-113-3:2015 | PEMERIKSAAN ULTRASONIK- BINAAN BERKIMPALAN MINYAK & GAS                                    | 3     |
| 1359 | M749     | MC-114-1:2014 | PENGUJIAN PARTIKEL MAGNETIK – PEMBINAAN TERKIMPAL (MINYAK & GAS)                           | 1     |
| 1360 | M749     | MC-114-2:2014 | PENGUJIAN PARTIKEL MAGNETIK – PEMBINAAN TERKIMPAL (MINYAK & GAS)                           | 2     |
| 1361 | M749     | MC-114-3:2014 | PENGUJIAN PARTIKEL MAGNETIK – PEMBINAAN TERKIMPAL (MINYAK & GAS)                           | 3     |
| 1362 | M749     | MC-115-2:2016 | PENTAFSIRAN RADIOGRAFI – PEMBINAAN BERKIMPALAN   | 2     |
| 1363 | M749     | MC-116-1:2014 | PENGUJIAN ARUS PUSAR – BAHAN, KOMPONEN & STRUKTUR AEROANGKASA                              | 1     |
| 1364 | M749     | MC-116-2:2014 | PENGUJIAN ARUS PUSAR – BAHAN, KOMPONEN & STRUKTUR AEROANGKASA                              | 2     |
| 1365 | M749     | MC-116-3:2014 | PENGUJIAN ARUS PUSAR – BAHAN, KOMPONEN & STRUKTUR AEROANGKASA                              | 3     |
| 1366 | M749     | MC-117-1:2014 | PENGUJIAN RADIOGRAF – BAHAN, KOMPONEN & STRUKTUR AEROANGKASA                               | 1     |
| 1367 | M749     | MC-117-2:2014 | PENGUJIAN RADIOGRAF – BAHAN, KOMPONEN & STRUKTUR AEROANGKASA                               | 2     |
| 1368 | M749     | MC-117-3:2014 | PENGUJIAN RADIOGRAF – BAHAN, KOMPONEN & STRUKTUR AEROANGKASA                               | 3     |
| 1369 | F410     | MCE3          | PENYELIA MEKANIKAL & ELEKTRIK  | 3     |
| 1370 | F410     | MCE4          | PENGURUS MEKANIKAL & ELEKTRIK  | 4     |
| 1371 | C331     | ME-011-3:2014 | PERKHIDMATAN OPERASI & PENYELENGGARAAN DANDANG   | 3     |
| 1372 | F432     | ME-020-4:2012 | PENGURUSAN REKABENTUK, PEMASANGAN & PENYELENGGARAAN HVAC                                   | 4     |
| 1373 | F432     | ME-020-5:2012 | PENGURUSAN REKABENTUK, PEMASANGAN & PENYELENGGARAAN HVAC                                   | 5     |
| 1374 | N811     | ME-030-3:2014 | AUTOMASI UMUM BANGUNAN & OPERASI KAWALAN TENAGA  | 3     |
| 1375 | N811     | ME-030-4:2015 | SISTEM PENGURUSAN BANGUNAN & PENGOPTIMUMAN TENAGA  | 4     |
| 1376 | N811     | ME-030-5:2015 | SISTEM PENGURUSAN BANGUNAN & PENGURUSAN TENAGA   | 5     |
| 1377 | Q861     | MP-011-1      | JURUTEKNIK PERUBATAN KECEMASAN RESPONDER PERTAMA   | 1     |
| 1378 | Q861     | MP-011-2      | JURUTEKNIK PERUBATAN KECEMASAN ASAS  | 2     |
| 1379 | Q861     | MP-011-3      | JURUTEKNIK PERUBATAN KECEMASAN PERTENGAHAN   | 3     |
| 1380 | Q861     | MP-012-3:2013 | MOIST HEAT STERILIZATION OPERATION   | 3     |
| 1381 | Q861     | MP-013-3:2013 | ETHLENE OXIDE (ETO) STERILIZATION OPERATION  | 3     |
| 1382 | Q861     | MP-014-3:2013 | RADIATION STERILIZATION OPERATION  | 3     |
| 1383 | Q869     | MP-030-3:2015 | PERKHIDMATAN CRYSTAL HEALING   | 3     |
| 1384 | Q869     | MP-031-3:2016 | PERKHIDMATAN TUINALOGY   | 3     |
| 1385 | C210     | MP-040-2:2014 | OPERASI PENGELUARAN FARMASEUTIKAL (BENTUK PEPEJAL)   | 2     |
| 1386 | C210     | MP-040-3:2014 | PENYELIAAN PENGELUARAN FARMASEUTIKAL (BENTUK PEPEJAL)                                      | 3     |
| 1387 | C325     | MP-041-3      | PROSTHETICS TECHNICIAN   | 3     |
| 1388 | C325     | MP-041-4      | PROSTHETIC TECHNOLOGIST  | 4     |
| 1389 | C325     | MP-041-5      | PROSTHETIST  | 5     |
| 1390 | C325     | MP-042-3      | JURUTEKNIK ORTOTIK   | 3     |
| 1391 | C325     | MP-042-4      | AHLI TEKNOLOGI ORTOTIK   | 4     |
| 1392 | C325     | MP-042-5      | ORTOTIK  | 5     |
| 1393 | C210     | MP-043-3:2015 | OPERASI PENGELUARAN FARMASEUTIKAL ( SEPARA PEPEJAL & CECAIR)                               | 3     |

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| 1394 | Q869     | MP-050-1        | PEMBANTU DIALISIS                                   | 1     |
| 1395 | Q869     | MP-050-2        | PEMBANTU KANAN DIALISIS                             | 2     |
| 1396 | Q869     | MP-050-3        | PENYELIA PEMBANTU DIALISIS                          | 3     |
| 1397 | Q869     | MP-051-1        | PEMBANTU PERBIDANAN                                 | 1     |
| 1398 | Q869     | MP-051-2        | PEMBANTU KANAN PERBIDANAN                           | 2     |
| 1399 | Q869     | MP-051-3        | PENYELIA PERBIDANAN                                 | 3     |
| 1400 | Q861     | MP-052-1        | PEMBANTU KECEMASAN                                  | 1     |
| 1401 | Q861     | MP-052-2        | PEMBANTU KANAN KECEMASAN                            | 2     |
| 1402 | Q861     | MP-052-3        | PENYELIA PEMBANTU KECEMASAN                         | 3     |
| 1403 | S960     | MP-060-4:2013   | PENYELIAAN TERAPI ESTETIK                           | 4     |
| 1404 | S960     | MP-060-5:2013   | PENGURUSAN TERAPI ESTETIK                           | 5     |
| 1405 | S960     | MP-061-3:2012   | TERAPI SPA  | 3     |
| 1406 | S960     | MP-062-3:2012   | SENI HIASAN KUKU                                    | 3     |
| 1407 | S960     | MP-062-4:2013   | PENGURUSAN SENI HIASAN KUKU                         | 4     |
| 1408 | S960     | MP-064-3:2014   | TERAPI RAMBUT & KULIT KEPALA                        | 3     |
| 1409 | Q869     | MP-070-2        | PEMBANTU JURUTERAPI AIS-HIDRO                       | 2     |
| 1410 | Q869     | MP-070-3        | JURUTERAPI AIS-HIDRO                                | 3     |
| 1411 | Q869     | MP-071-1        | PEMBANTU JURUTERAPI AURA METAFIZIK                  | 1     |
| 1412 | Q869     | MP-071-2        | JURUTERAPI AURA METAFIZIK                           | 2     |
| 1413 | Q869     | MP-071-3        | JURUTERAPI KANAN AURA METAFIZIK                     | 3     |
| 1414 | Q869     | MP-080-3:2011   | REFLEKSOLOGI KAKI, TANGAN DAN TELINGA               | 3     |
| 1415 | Q869     | MP-081-3:2011   | AROMATERAPI   | 3     |
| 1416 | Q869     | MP-082-3:2011   | URUT TERAPI   | 3     |
| 1417 | Q869     | MP-082-4:2012   | URUT TERAPEUTIK & PENJAGAAN                         | 4     |
| 1418 | Q869     | MP-083-2:2013   | PERKHIDMATAN SOKONGAN PENJAGAAN KESIHATAN           | 2     |
| 1419 | Q869     | MP-083-3:2013   | PENYELIAAN SOKONGAN PENJAGAAN KESIHATAN             | 3     |
| 1420 | Q869     | MP-090-3:2011   | TERAPI REIKI  | 3     |
| 1421 | Q869     | MP-091-3:2011   | TERAPI QI GONG                                      | 3     |
| 1422 | Q869     | MP-092-3:2016   | TERAPI PANCHAKARMA AYURVEDIK                        | 3     |
| 1423 | C325     | MP-100-3:2011   | TEKNOLOGI OFTALMUS                                  | 3     |
| 1424 | Q869     | MP-110-3:2011   | TERAPI BEKAM ANGIN                                  | 3     |
| 1425 | C239     | MT-010-3:2013   | OPERASI PEMBUATAN KOMPOSIT (AEROANGKASA)            | 3     |
| 1426 | C239     | MT-011-2:2014   | PEMBUATAN KOMPOSIT                                  | 2     |
| 1427 | C239     | MT-011-3:2014   | TEKNOLOGI PEMBUATAN KOMPOSIT                        | 3     |
| 1428 | C239     | MT-011-4:2014   | TEKNOLOGI PEMBUATAN KOMPOSIT                        | 4     |
| 1429 | C239     | MT-011-5:2014   | TEKNOLOGI PEMBUATAN KOMPOSIT                        | 5     |
| 1430 | C239     | MT-020-3:2014   | PENGELUARAN SERAMIK LANJUTAN                        | 3     |
| 1431 | C239     | MT-020-4:2016   | PENTADBIRAN TEKNIKAL PENGELUARAN SERAMIK TERMAJU    | 4     |
| 1432 | C239     | MT-020-5:2016   | PENGURUSAN PENGELUARAN SERAMIK TERMAJU              | 5     |
| 1433 | C271     | MT-030-3:2012   | PEMBUATAN PENYADURAN ELEKTRIK                       | 3     |
| 1434 | F439     | MTC2            | COLD METAL OPERATOR                                 | 2     |
| 1435 | N771     | N771-001-3:2016 | OPERASI PLATFORM KERJA MUDAH ALIH NAIK-TURUN (MEWP) | 3     |
| 1436 | N781     | N781-001-4:2017 | PERKHIDMATAN BIMBINGAN KERJAYA                      | 4     |

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| 1437 | N781     | N781-001-5:2017 | PENGURUSAN BIMBINGAN KERJAYA  | 5     |
| 1438 | N791     | N791-001-3:2016 | BIMBINGAN UMRAH DAN ZIARAH  | 3     |
| 1439 | N791     | N791-001-4:2016 | PENGURUSAN MUTAWWIF UMRAH DAN ZIARAH  | 4     |
| 1440 | N791     | N791-001-5:2016 | PENGURUSAN MUTAWWIF UMRAH DAN ZIARAH  | 5     |
| 1441 | N791     | N791-002-3:2017 | PEMANDUAN PELANCONGAN PENGEMBARAAN BERASASKAN AIR                               | 3     |
| 1442 | N791     | N791-003-3:2019 | OPERASI PELANCONGAN DALAM NEGERI  | 3     |
| 1443 | N791     | N791-004-2:2019 | PEMANDUAN ALAM SEMULAJADI SETEMPAT  | 2     |
| 1444 | N791     | N791-004-3:2019 | PEMANDUAN ALAM SEMULAJADI SETEMPAT  | 3     |
| 1445 | N791     | N791-005-3:2023 | JUALAN DAN PEMASARAN PERKHIDMATAN KAPAL PERSIARAN                               | 3     |
| 1446 | N791     | N791-006-3:2023 | OPERASI PELANCONGAN LUAR NEGARA   | 3     |
| 1447 | N801     | N801-001-2:2017 | OPERASI KESELAMATAN TRAFIK LEBUHRAYA  | 2     |
| 1448 | N801     | N801-001-3:2017 | PENYELIAAN OPERASI KESELAMATAN TRAFIK LEBUHRAYA                                 | 3     |
| 1449 | N801     | N801-002-3:2017 | OPERASI PERLINDUNGAN RAPAT  | 3     |
| 1450 | N801     | N801-002-4:2017 | PENYELIAAN PERLINDUNGAN RAPAT   | 4     |
| 1451 | N801     | N801-002-5:2017 | PENGURUSAN PERLINDUNGAN RAPAT   | 5     |
| 1452 | N811     | N811-001-4:2017 | PENGURUSAN TEKNIKAL OPERASI BANGUNAN  | 4     |
| 1453 | N811     | N811-001-5:2017 | PENGURUSAN OPERASI BANGUNAN   | 5     |
| 1454 | N811     | N811-002-4:2018 | PEMANTAUAN PENGURUSAN FASILITI  | 4     |
| 1455 | N811     | N811-002-5:2018 | PERANCANGAN PENGURUSAN FASILITI   | 5     |
| 1456 | N813     | N813-001-2:2016 | PEMASANGAN & PENYELENGGARAAN TAMAN PERMAINAN                                    | 2     |
| 1457 | N813     | N813-001-3:2016 | PENYELIAAN PEMASANGAN & PENYELENGGARAAN TAMAN PERMAINAN                         | 3     |
| 1458 | N813     | N813-002-4:2016 | REKA BENTUK TAMAN PERMAINAN   | 4     |
| 1459 | N813     | N813-002-5:2016 | PENGURUSAN PERANCANGAN DAN REKA BENTUK TAMAN PERMAINAN                          | 5     |
| 1460 | N813     | N813-003-4:2019 | OPERASI ARBORIKULTUR  | 4     |
| 1461 | N813     | N813-003-5:2019 | PENGURUSAN DAN OPERASI ARBORIKULTUR   | 5     |
| 1462 | N821     | N821-001-3:2020 | PENTADBIRAN PEJABAT   | 3     |
| 1463 | O841     | O841-001-2:2016 | PEMASANGAN DAN PENYELENGGARAAN TELEKOMUNIKASI STRATEGIK DAN TEKTIKAL            | 2     |
| 1464 | O841     | O841-001-3:2016 | PENYELIAAN PEMASANGAN DAN PENYELENGGARAAN TELEKOMUNIKASI STRATEGIK DAN TEKTIKAL | 3     |
| 1465 | O841     | O841-002-2:2017 | OPERASI TELEKOMUNIKASI STRATEGIK DAN TAKTIKAL                                   | 2     |
| 1466 | O841     | O841-002-3:2017 | PENYELIAAN TELEKOMUNIKASI STRATEGIK DAN TAKTIKAL                                | 3     |
| 1467 | O841     | O841-003-1:2022 | PENGOPERASIAN MASJID  | 1     |
| 1468 | O841     | O841-003-2:2022 | PENYELARASAN OPERASI MASJID   | 2     |
| 1469 | O841     | O841-003-3:2022 | PENYELIAAN OPERASI MASJID   | 3     |
| 1470 | O841     | O841-003-4:2022 | PENTADBIRAN MASJID  | 4     |
| 1471 | O841     | O841-003-5:2022 | PENGURUSAN MASJID   | 5     |
| 1472 | O841     | O841-004-4:2023 | PENTADBIRAN PENGUATKUASAAN AKTIVITI PERBURUHAN                                  | 4     |
| 1473 | O841     | O841-004-5:2023 | PENGURUSAN PENGUATKUASAAN AKTIVITI PERBURUHAN                                   | 5     |
| 1474 | O842     | O842-001-4:2017 | KEJURULATIHAN BINA INSAN NEGARA   | 4     |
| 1475 | O842     | O842-001-5:2017 | PENGURUSAN KEJURULATIHAN BINA INSAN NEGARA                                      | 5     |
| 1476 | O842     | O842-002-2:2018 | OPERASI PENGURUSAN INSIDEN  | 2     |
| 1477 | O842     | O842-002-3:2018 | KAWALAN OPERASI PENGURUSAN INSIDEN  | 3     |

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| 1478 | 0842     | 0842-003-3:2019 | OPERASI RADAR PLOTTING   | 3     |
| 1479 | 0842     | 0842-005-2:2019 | KEJURULATIHAN SENJATA API  | 2     |
| 1480 | 0842     | 0842-005-3:2019 | KEJURULATIHAN TAKTIKAL SENJATA API                                     | 3     |
| 1481 | 0842     | 0842-006-4:2020 | PENGURUSAN OPERASI BAHAGIAN (KEPOLISAN)                                | 4     |
| 1482 | 0842     | 0842-006-5:2020 | PENGURUSAN OPERASI DAERAH (KEPOLISAN)                                  | 5     |
| 1483 | 0842     | 0842-007-4:2020 | PENYELARASAN KOREKSIONAL SOSIAL  | 4     |
| 1484 | 0842     | 0842-007-5:2020 | PENGURUSAN KOREKSIONAL SOSIAL  | 5     |
| 1485 | 0842     | 0842-008-5:2022 | OPERASI PENERBANGAN SAYAP KAKU   | 5     |
| 1486 | 0842     | 0842-009-5:2022 | OPERASI PENERBANGAN HELIKOPTER   | 5     |
| 1487 | 0842     | 0842-010-5:2022 | NAVIGASI PENERBANGAN   | 5     |
| 1488 | 0842     | 0842-011-5:2022 | PENGOPERASIAN SISTEM PESAWAT DI DARAT DAN UDARA                        | 5     |
| 1489 | 0842     | 0842-012-3:2022 | OPERASI QUARTERMASTER UDARA  | 3     |
| 1490 | 0842     | 0842-013-2:2022 | OPERASI PENGAWASAN RUANG UDARA   | 2     |
| 1491 | 0842     | 0842-013-3:2022 | PENYELIAAN PENGAWASAN RUANG UDARA                                      | 3     |
| 1492 | 0842     | 0842-014-3:2022 | OPERASI KAWALAN TRAFIK UDARA   | 3     |
| 1493 | C192     | OG-010-2:2011   | OPERASI FABRIKASI PAIP(MINYAK, GAS & PETROKIMIA)                       | 2     |
| 1494 | C192     | OG-010-3:2011   | OPERASI FABRIKASI PAIP(MINYAK, GAS & PETROKIMIA)                       | 3     |
| 1495 | C192     | OG-010-4:2012   | PENGURUSAN FABRIKASI PAIP(MINYAK, GAS & PETROKIMIA)                    | 4     |
| 1496 | C192     | OG-010-5:2012   | PENGURUSAN FABRIKASI PAIP (MINYAK, GAS & PETROKIMIA)                   | 5     |
| 1497 | C251     | OG-011-3:2011   | OPERASI FABRIKASI STRUKTUR LOGAM (MINYAK, GAS & PETROKIMIA)            | 3     |
| 1498 | C251     | OG-011-4:2012   | PENGURUSAN FABRIKASI STRUKTUR(MINYAK, GAS & PETROKIMIA)                | 4     |
| 1499 | C251     | OG-011-5:2012   | PENGURUSAN FABRIKASI STRUKTUR(MINYAK, GAS & PETROKIMIA)                | 5     |
| 1500 | B061     | OG-012-3:2011   | OPERASI PENGGERUDIAN(MINYAK, GAS & PETROKIMIA)                         | 3     |
| 1501 | B061     | OG-012-4:2012   | PENGURUSAN OPERASI PENGGERUDIAN(MINYAK, GAS & PETROKIMIA)              | 4     |
| 1502 | B061     | OG-012-5:2012   | PENGURUSAN OPERASI PENGGERUDIAN(MINYAK, GAS & PETROKIMIA)              | 5     |
| 1503 | C192     | OG-013-1:2012   | OPERASI LOJI ELEKTRIK (MINYAK, GAS & PETROKIMIA)                       | 1     |
| 1504 | C192     | OG-013-2:2012   | OPERASI LOJI ELEKTRIK (MINYAK, GAS & PETROKIMIA)                       | 2     |
| 1505 | C192     | OG-013-3:2012   | OPERASI LOJI ELEKTRIK (MINYAK, GAS & PETROKIMIA)                       | 3     |
| 1506 | C192     | OG-014-1:2012   | OPERASI LOJI INSTRUMEN (MINYAK, GAS & PETROKIMIA)                      | 1     |
| 1507 | C192     | OG-014-2:2012   | OPERASI LOJI INSTRUMEN (MINYAK, GAS & PETROKIMIA)                      | 2     |
| 1508 | C192     | OG-014-3:2012   | OPERASI LOJI INSTRUMEN (MINYAK, GAS & PETROKIMIA)                      | 3     |
| 1509 | C192     | OG-015-1:2012   | OPERASI LOJI MEKANIKAL (MINYAK, GAS & PETROKIMIA)                      | 1     |
| 1510 | C192     | OG-015-2:2012   | OPERASI LOJI MEKANIKAL (MINYAK, GAS & PETROKIMIA)                      | 2     |
| 1511 | C192     | OG-015-3:2012   | OPERASI LOJI MEKANIKAL (MINYAK, GAS & PETROKIMIA)                      | 3     |
| 1512 | C192     | OG-016-4:2013   | PENGURUSAN OPERASI LETUPAN & PENYALUTAN (MINYAK, GAS & PETROKIMIA)     | 4     |
| 1513 | C192     | OG-016-5:2013   | PENGURUSAN OPERASI LETUPAN & PENYALUTAN (MINYAK, GAS & PETROKIMIA)     | 5     |
| 1514 | B091     | OG-017-1:2013   | PENYELENGGARAAN INSTRUMEN (PESISIRAN PANTAI)(MINYAK, GAS & PETROKIMIA) | 1     |
| 1515 | B091     | OG-017-2:2013   | PENYELENGGARAAN INSTRUMEN (PESISIRAN PANTAI)(MINYAK, GAS & PETROKIMIA) | 2     |
| 1516 | B091     | OG-017-3:2013   | PENYELENGGARAAN INSTRUMEN (PESISIRAN PANTAI)(MINYAK, GAS & PETROKIMIA) | 3     |
| 1517 | B091     | OG-018-1:2013   | PENYELENGGARAAN MEKANIKAL (PESISIRAN PANTAI)                           | 1     |

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| 1518 | B091     | OG-018-2:2013 | PENYELENGGARAAN MEKANIKAL (PESISIRAN PANTAI)                         | 2     |
| 1519 | B091     | OG-018-3:2013 | PENYELIAAN PENYELENGGARAAN MEKANIKAL (PESISIRAN PANTAI)              | 3     |
| 1520 | B091     | OG-019-1:2013 | PENYELENGGARAAN ELEKTRIK(PESISIRAN PANTAI)(MINYAK, GAS & PETROKIMIA) | 1     |
| 1521 | B091     | OG-019-2:2013 | PENYELENGGARAAN ELEKTRIK(PESISIRAN PANTAI)(MINYAK, GAS & PETROKIMIA) | 2     |
| 1522 | B091     | OG-019-3:2013 | PENYELENGGARAAN ELEKTRIK(PESISIRAN PANTAI)(MINYAK, GAS & PETROKIMIA) | 3     |
| 1523 | B091     | OG-020-3:2012 | LUKISAN KEJURUTERAAN TEKNIKAL STRUKTUR ( OIL & GAS)                  | 3     |
| 1524 | B091     | OG-020-4:2012 | REKABENTUK STRUKTUR LUAR PESISIR PANTAI ( OIL & GAS)                 | 4     |
| 1525 | B091     | OG-020-5:2012 | REKABENTUK STRUKTUR LUAR PESISIR PANTAI ( OIL & GAS)                 | 5     |
| 1526 | B091     | OG-021-1:2013 | OPERASI PENGELUARAN (PESISIRAN PANTAI)                               | 1     |
| 1527 | B091     | OG-021-2:2013 | OPERASI PENGELUARAN (PESISIRAN PANTAI)                               | 2     |
| 1528 | B091     | OG-021-3:2013 | OPERASI PENGELUARAN (PESISIRAN PANTAI)                               | 3     |
| 1529 | B091     | OG-022-3:2013 | PIPING DRAFTING (OIL & GAS)  | 3     |
| 1530 | B091     | OG-022-4:2013 | REKABENTUK PERPAIPAN ( MINYAK & GAS)                                 | 4     |
| 1531 | B091     | OG-022-5:2013 | PENGURUSAN REKABENTUK PERPAIPAN ( MINYAK & GAS)                      | 5     |
| 1532 | C192     | OG-023-3:2013 | PEMERIKSAAN LETUPAN& PENYALUTAN                                      | 3     |
| 1533 | C192     | OG-023-4:2013 | PENGURUSAN PEMERIKSAAN LETUPAN& PENYALUTAN                           | 4     |
| 1534 | C192     | OG-023-5:2013 | PENGURUSAN PEMERIKSAAN LETUPAN& PENYALUTAN                           | 5     |
| 1535 | B091     | OG-024-3:2014 | FIRE RESCUE AND HAZMAT OPERATION (OIL, GAS & PETROCHEMICAL)          | 3     |
| 1536 | B091     | OG-024-4:2014 | FIRE RESCUE AND HAZMAT SUPERVISION (OIL, GAS & PETROCHEMICAL)        | 4     |
| 1537 | B091     | OG-024-5:2014 | FIRE, RESCUE AND HAZMAT MANAGEMENT (OIL, GAS & PETROCHEMICAL)        | 5     |
| 1538 | B091     | OG-025-3:2014 | OPERASI KAPAL SOKONGAN PESISIRAN PANTAI                              | 3     |
| 1539 | B091     | OG-025-4:2016 | KOORDINASI OPERASI KAPAL SOKONGAN PESISIRAN PANTAI                   | 4     |
| 1540 | B091     | OG-025-5:2016 | PENGURUSAN OPERASI KAPAL SOKONGAN PESISIRAN PANTAI                   | 5     |
| 1541 | F439     | OG-026-2:2014 | PEMASANGAN ELEKTRIKAL (MINYAK & GAS)                                 | 2     |
| 1542 | F439     | OG-026-3:2014 | PEMASANGAN ELEKTRIKAL (MINYAK & GAS)                                 | 3     |
| 1543 | F439     | OG-026-4:2016 | KOORDINASI PROJEK ELEKTRIKAL (MINYAK & GAS)                          | 4     |
| 1544 | F439     | OG-026-5:2016 | PENGURUSAN PROJEK ELEKTRIKAL (MINYAK & GAS)                          | 5     |
| 1545 | F439     | OG-027-2:2014 | PEMASANGAN INSTRUMEN (MINYAK & GAS)                                  | 2     |
| 1546 | F439     | OG-027-3:2014 | PEMASANGAN INSTRUMEN (MINYAK & GAS)                                  | 3     |
| 1547 | F439     | OG-027-4:2016 | KOORDINASI PROJEK INSTRUMENTASI (MINYAK & GAS)                       | 4     |
| 1548 | F439     | OG-027-5:2016 | PENGURUSAN PROJEK INSTRUMENTASI (MINYAK & GAS)                       | 5     |
| 1549 | F439     | OG-028-2:2014 | PEMASANGAN MEKANIKAL (MINYAK & GAS)                                  | 2     |
| 1550 | F439     | OG-028-3:2014 | PEMASANGAN MEKANIKAL (MINYAK & GAS)                                  | 3     |
| 1551 | F439     | OG-028-4:2016 | KOORDINASI PROJEK MEKANIKAL (MINYAK & GAS)                           | 4     |
| 1552 | F439     | OG-028-5:2016 | PENGURUSAN PROJEK MEKANIKAL (MINYAK & GAS)                           | 5     |
| 1553 | B091     | OG-029-3:2014 | OPERASI KAWALAN DOKUMEN TEKNIKAL                                     | 3     |
| 1554 | M712     | OG-030-2:2014 | OPERASI MAKMAL MINYAK, GAS & PETROKIMIA                              | 2     |
| 1555 | M712     | OG-030-3:2014 | KAWALAN OPERASI MAKMAL MINYAK, GAS & PETROKIMIA                      | 3     |
| 1556 | B091     | OG-031-4:2014 | PENTADBIRAN DOKUMEN KEJURUTERAAN (MINYAK, GAS & PETROKIMIA)          | 4     |
| 1557 | B091     | OG-031-5:2014 | PENGURUSAN DOKUMEN KEJURUTERAAN (MINYAK, GAS & PETROKIMIA)           | 5     |



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| 1558 | B091     | OG-035-2:2016   | OPERASI FABRIKASI DAN PEMASANGAN PAIP GAS DOMESTIK     | 2     |
| 1559 | B091     | OG-035-3:2016   | OPERASI FABRIKASI DAN PEMASANGAN PAIP MINYAK & GAS     | 3     |
| 1560 | F439     | OG-036-2:2016   | PEMASANGAN, PENGAWASAN DAN PENGENDALIAN SISTEM HABITAT | 2     |
| 1561 | F439     | OG-036-3:2016   | PENYELIAAN OPERASI SISTEM HABITAT                      | 3     |
| 1562 | B091     | OG-037-3:2016   | PERKHIDMATAN SOKONGAN HAYAT DASAR LAUT                 | 3     |
| 1563 | M749     | OG-040-3:2015   | AIR/MIXED-GAS SURFACE-SUPPLIED DIVING                  | 3     |
| 1564 | J619     | OT-011-4        | PENOLONG PENGURUS OPERASI TELEKOMUNIKASI -LOGISTIK     | 4     |
| 1565 | J619     | OT-011-5        | PENGURUS OPERASI TELEKOMUNIKASI -LOGISTIK              | 5     |
| 1566 | S960     | OT-033-2        | PENJAGA (SELEPAS WAKTU SEKOLAH)                        | 2     |
| 1567 | S960     | OT-033-3        | PENJAGA KANAN (SELEPAS WAKTU SEKOLAH)                  | 3     |
| 1568 | P853     | P853-001-5:2017 | PELAKSANAAN & PEMBANGUNAN TVET                         | 5     |
| 1569 | P853     | P853-002-4:2021 | PENGAJARAN TVET  | 4     |
| 1570 | P853     | P853-002-5:2021 | PENGURUSAN TVET  | 5     |
| 1571 | P854     | P854-001-3:2016 | PENGURUSAN TAHFIZ                                      | 3     |
| 1572 | P854     | P854-001-4:2017 | PENGURUSAN TAHFIZ                                      | 4     |
| 1573 | P854     | P854-001-5:2017 | PENGURUSAN TAHFIZ                                      | 5     |
| 1574 | P854     | P854-002-3:2016 | PENGAJARAN TAHFIZ                                      | 3     |
| 1575 | P854     | P854-002-4:2017 | PENGAJARAN TAHFIZ                                      | 4     |
| 1576 | P854     | P854-002-5:2017 | PENGAJARAN TAHFIZ                                      | 5     |
| 1577 | P854     | P854-004-2:2016 | PENGAJARAN PEMANDUAN MOTOKAR                           | 2     |
| 1578 | P854     | P854-004-3:2016 | PENYELIAAN OPERASI LATIHAN PEMANDUAN                   | 3     |
| 1579 | P854     | P854-005-2:2016 | PENGAJARAN PENUNGGANGAN MOTOSIKAL                      | 2     |
| 1580 | P854     | P854-006-3:2017 | PENGAJARAN AL-QURAN BRAILLE                            | 3     |
| 1581 | P854     | P854-006-4:2017 | PENGAJARAN AL-QURAN BRAILLE                            | 4     |
| 1582 | P854     | P854-006-5:2017 | PENGAJARAN AL-QURAN BRAILLE                            | 5     |
| 1583 | P854     | P854-007-3:2017 | PENGAJARAN TARANNUM                                    | 3     |
| 1584 | P854     | P854-007-4:2017 | PENGAJARAN TARANNUM                                    | 4     |
| 1585 | P854     | P854-007-5:2017 | PENGAJARAN TARANNUM                                    | 5     |
| 1586 | P854     | P854-008-3:2019 | PENGAJARAN MUZIK                                       | 3     |
| 1587 | P854     | P854-009-4:2020 | PENTADBIRAN PENGAJARAN DAN PENDIDIKAN PRASEKOLAH       | 4     |
| 1588 | P855     | P855-001-2:2016 | PENGUJIAN PEMANDUAN                                    | 2     |
| 1589 | P855     | P855-001-3:2016 | PENYELIAAN PENGUJIAN PEMANDUAN                         | 3     |
| 1590 | C222     | PG-090-2        | JURUTEKNIK PENGELUARAN PLASTIK – OPP FILEM             | 2     |
| 1591 | C222     | PG-090-3        | PENYELIA PENGELUARAN PLASTIK – OPP FILEM               | 3     |
| 1592 | C170     | PG-100-1:2012   | PEMBUATAN PEMBUNGKUSAN KOTAK KERTAS                    | 1     |
| 1593 | C170     | PG-100-2:2012   | PEMBUATAN PEMBUNGKUSAN KOTAK KERTAS                    | 2     |
| 1594 | C170     | PG-100-3:2012   | PEMBUATAN PEMBUNGKUSAN KOTAK KERTAS                    | 3     |
| 1595 | C181     | PR-010-1        | JURUTEKNIK PRA-CETAK                                   | 1     |
| 1596 | C181     | PR-010-2        | JURUTEKNIK KANAN PRACETAK                              | 2     |
| 1597 | C181     | PR-010-3        | PENYELIA PRA-CETAK                                     | 3     |
| 1598 | C181     | PR-020-4:2014   | PENGURUSAN OPERASI PERCETAKAN                          | 4     |
| 1599 | C181     | PR-020-5:2014   | PENGURUSAN OPERASI PERCETAKAN                          | 5     |

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| 1600 | C181     | PR-021-2:2014   | PENGELUARAN `POST-PRESS`  | 2     |
| 1601 | C181     | PR-021-3:2014   | PENGELUARAN `POST-PRESS`  | 3     |
| 1602 | C181     | PR-022-1        | NARROW WEB PRINTING PRESSMAN                                      | 1     |
| 1603 | C181     | PR-022-2        | SENIOR NARROW WEB PRINTING PRESSMAN                               | 2     |
| 1604 | C181     | PR-022-3        | NARROW WEB PRINTING SUPERVISOR                                    | 3     |
| 1605 | C181     | PR-023-2:2012   | PENGELUARAN LITOGRAFI OFSET                                       | 2     |
| 1606 | C181     | PR-023-3:2012   | PENGELUARAN LITOGRAFI OFSET                                       | 3     |
| 1607 | C181     | PR-024-2:2012   | PENERBITAN MEJA   | 2     |
| 1608 | C181     | PR-024-3:2012   | REKAAN GRAFIK   | 3     |
| 1609 | J581     | PR-025-3:2014   | PERKHIDMATAN SOKONGAN PENERBITAN                                  | 3     |
| 1610 | J581     | PR-025-4:2015   | PELAKSANAAN PENERBITAN  | 4     |
| 1611 | J581     | PR-025-5:2015   | PENGURUSAN PENERBITAN   | 5     |
| 1612 | C181     | PR-026-2:2014   | FLEXOPRINT (CORRUGATED) PRODUCTION                                | 2     |
| 1613 | C181     | PR-026-3:2014   | FLEXOPRINT CORRUGATED CONVERTER PRODUCTION & SUPERVISION          | 3     |
| 1614 | C331     | PR-027-2:2014   | SERVIS & PENYELENGGARAAN MESIN PERCETAKAN                         | 2     |
| 1615 | C331     | PR-027-3:2014   | PENYELENGGARAAN MESIN PERCETAKAN MEKANIKAL                        | 3     |
| 1616 | C331     | PR-027-4:2016   | KAWALAN SISTEM PENYELENGGARAAN MESIN PERCETAKAN MEKANIKAL         | 4     |
| 1617 | C331     | PR-027-5:2016   | PENGURUSAN SISTEM PENYELENGGARAAN MESIN PERCETAKAN MEKANIKAL      | 5     |
| 1618 | J581     | PR-028-4:2016   | PENTERJEMAHAN TEKS  | 4     |
| 1619 | J581     | PR-028-5:2016   | PENGURUSAN DAN PENTERJEMAHAN TEKS KHUSUS                          | 5     |
| 1620 | F433     | PTD4            | PROJEK KOORDINATOR PENGECAT BANGUNAN                              | 4     |
| 1621 | F433     | PTD5            | PENGURUS PENGECAT BANGUNAN  | 5     |
| 1622 | F439     | PVR2            | PAVER OPERATOR  | 2     |
| 1623 | Q861     | Q861-001-3:2016 | PERKHIDMATAN KECERGASAN DAN SENAMAN BAGI ORANG KURANG UPAYA (PWD) | 3     |
| 1624 | Q861     | Q861-002-4:2021 | PERFUSI KARDIOVASKULAR  | 4     |
| 1625 | Q861     | Q861-002-5:2021 | PENGURUSAN PERFUSI KARDIOVASKULAR                                 | 5     |
| 1626 | Q861     | Q861-003-4:2022 | SONOGRAFI PERUBATAN   | 4     |
| 1627 | Q861     | Q861-003-5:2022 | SONOGRAFI PERUBATAN DAN PERUNDINGAN                               | 5     |
| 1628 | Q862     | Q862-001-5:2016 | BIOKIMIA KLINIKAL   | 5     |
| 1629 | Q869     | Q869-001-3:2016 | KEJURULATIHAN SENAMAN TUA   | 3     |
| 1630 | Q869     | Q869-001-4:2016 | PENYELIAAN KEJURULATIHAN SENAMAN TUA                              | 4     |
| 1631 | Q869     | Q869-001-5:2016 | PENGURUSAN SENAMAN TUA  | 5     |
| 1632 | Q869     | Q869-002-4:2016 | PENJAGAAN IBU SELEPAS BERSALIN MAMACARE                           | 4     |
| 1633 | Q869     | Q869-002-5:2016 | PENJAGAAN IBU SELEPAS BERSALIN MAMACARE                           | 5     |
| 1634 | Q869     | Q869-003-3:2017 | URUTAN SUKAN  | 3     |
| 1635 | Q869     | Q869-004-3:2017 | PERAWATAN RUQYAH  | 3     |
| 1636 | Q869     | Q869-004-4:2017 | PERAWATAN RUQYAH  | 4     |
| 1637 | Q869     | Q869-004-5:2017 | PERAWATAN RUQYAH  | 5     |
| 1638 | Q879     | Q879-001-3:2018 | PENJAGAAN DAN KEMAJUAN KANAK-KANAK                                | 3     |
| 1639 | Q879     | Q879-001-4:2019 | PENYELIAAN PENJAGAAN DAN KEMAJUAN KANAK-KANAK                     | 4     |
| 1640 | Q879     | Q879-001-5:2019 | PENGURUSAN PENJAGAAN DAN KEMAJUAN KANAK-KANAK                     | 5     |

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| 1641 | Q881     | Q881-001-4:2017 | PENTADBIRAN PUSAT PEMULIHAN DALAM KOMUNITI (ORANG KURANG UPAYA - OKU) | 4     |
| 1642 | Q881     | Q881-001-5:2017 | PENGURUSAN PUSAT PEMULIHAN DALAM KOMUNITI (ORANG KURANG UPAYA - OKU)  | 5     |
| 1643 | Q881     | Q881-002-2:2019 | PERKHIDMATAN PENJAGAAN KUDA   | 2     |
| 1644 | Q881     | Q881-002-3:2019 | PENYELIAAN BERKUDA (TERAPI)   | 3     |
| 1645 | Q889     | Q889-001-3:2018 | JOB COACHING ORANG KURANG UPAYA (OKU)                                 | 3     |
| 1646 | Q886     | Q889-002-4:2019 | OPERASI DAN PENTADBIRAN KERJA SOSIAL                                  | 4     |
| 1647 | Q886     | Q889-002-5:2019 | PENGURUSAN KERJA SOSIAL   | 5     |
| 1648 | Q889     | Q889-003-3:2021 | OPERASI KERJA KOMUNITI  | 3     |
| 1649 | C301     | R-010-1         | MEKANIK MARIN   | 1     |
| 1650 | R900     | R900-001-2:2016 | OPERASI PAWAGAM   | 2     |
| 1651 | R900     | R900-001-3:2016 | OPERASI TEKNIKAL PAWAGAM  | 3     |
| 1652 | R900     | R900-001-4:2016 | PENGURUSAN OPERASI PAWAGAM  | 4     |
| 1653 | R900     | R900-001-5:2016 | PENGURUSAN OPERASI PAWAGAM  | 5     |
| 1654 | R900     | R900-002-3:2016 | SENI LAKON TEATER   | 3     |
| 1655 | R900     | R900-002-4:2016 | KEJURULATIHAN LAKON   | 4     |
| 1656 | R900     | R900-002-5:2016 | PENGURUSAN KEJURULATIHAN LAKON  | 5     |
| 1657 | R900     | R900-003-4:2017 | REKAAN CORAK DAN PENGUKIRAN KAYU                                      | 4     |
| 1658 | R900     | R900-003-5:2017 | PENGURUSAN PENGUKIRAN KAYU  | 5     |
| 1659 | R900     | R900-004-5:2018 | PENULISAN SKRIN   | 5     |
| 1660 | R900     | R900-005-2:2019 | PENGKARYAAN SENI KHAT   | 2     |
| 1661 | R900     | R900-005-3:2019 | PENYELIAAN PENGKARYAAN SENI KHAT                                      | 3     |
| 1662 | R900     | R900-006-3:2019 | NYANYIAN  | 3     |
| 1663 | R900     | R900-007-2:2020 | OPERASI PRODUKSI PENTAS   | 2     |
| 1664 | R900     | R900-007-3:2020 | PENYELIAAN PRODUKSI PENTAS  | 3     |
| 1665 | R900     | R900-007-4:2021 | KOORDINASI PENTAS   | 4     |
| 1666 | R900     | R900-007-5:2021 | PENGURUSAN PENTAS   | 5     |
| 1667 | R900     | R900-008-3:2021 | PENGACARAAN PROFESIONAL   | 3     |
| 1668 | R900     | R900-009-2:2021 | PERSEMBAHAN TARIAN TRADISIONAL  | 2     |
| 1669 | R900     | R900-009-3:2021 | PENGAJARAN TARIAN TRADISIONAL   | 3     |
| 1670 | R910     | R910-001-2:2017 | KEPUSTAKAWANAN (OPERASI)  | 2     |
| 1671 | R910     | R910-001-3:2017 | KEPUSTAKAWANAN (PENGAWASAN)   | 3     |
| 1672 | R931     | R931-001-3:2021 | KEJURULATIHAN SUKAN ELEKTRONIK  | 3     |
| 1673 | C221     | RB-010-3:2014   | PENGELUARAN SMR   | 3     |
| 1674 | C221     | RB-010-4:2016   | KAWALAN PENGELUARAN SMR   | 4     |
| 1675 | C221     | RB-010-5:2016   | PENGURUSAN OPERASI SMR  | 5     |
| 1676 | C221     | RB-011-3        | PENYELIA MAKMAL DRC   | 3     |
| 1677 | C221     | RB-012-3:2014   | OPERASI LOJI RAWATAN EFLUEN GETAH & MINYAK KELAPA SAWIT               | 3     |
| 1678 | C221     | RB-013-2:2016   | OPERASI PENGELUARAN PENYEBATIAN LATEKS                                | 2     |
| 1679 | C221     | RB-013-3:2016   | KAWALAN PENGELUARAN PENYEBATIAN LATEKS                                | 3     |
| 1680 | C221     | RB-013-4:2016   | PENTADBIRAN PENGELUARAN PENYEBATIAN LATEKS                            | 4     |
| 1681 | C221     | RB-013-5:2016   | PENTADBIRAN PENGELUARAN PENYEBATIAN LATEKS                            | 5     |
| 1682 | C221     | RB-014-2        | INSPEKTOR JAMINAN KUALITI GETAH                                       | 2     |

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| 1683 | C221     | RB-014-3      | PENYELIA JAMINAN KUALITI GETAH                       | 3     |
| 1684 | C221     | RB-014-4      | EKSEKUTIF JAMINAN KUALITI GETAH                      | 4     |
| 1685 | C221     | RB-014-5      | PENGURUS JAMINAN KUALITI GETAH                       | 5     |
| 1686 | C221     | RB-020-1      | LINEMAN-DIPPING                                      | 1     |
| 1687 | C221     | RB-020-2      | LINE LEADER DIPPING                                  | 2     |
| 1688 | C221     | RB-020-3      | PENYELIA DIPPING LINE                                | 3     |
| 1689 | C221     | RB-021-3:2014 | OPERASI PEMBUATAN GETAH KERING                       | 3     |
| 1690 | C310     | RB-050-2:2012 | OPERASI PEMBUATAN PERABOT                            | 2     |
| 1691 | C310     | RB-050-3:2012 | OPERASI PEMBUATAN PERABOT                            | 3     |
| 1692 | F432     | RB-051-1      | TUKANG KAYU-KERJA KAYU DALAMAN                       | 1     |
| 1693 | F432     | RB-051-2      | TUKANG KAYU KANAN-KERJA KAYU DALAMAN                 | 2     |
| 1694 | F432     | RB-051-3      | PENYELIA TUKANG KAYU KANAN-KERJA KAYU DALAMAN        | 3     |
| 1695 | C310     | RB-052-3:2014 | OPERASI PEMBUATAN ALAS                               | 3     |
| 1696 | C310     | RB-053-4:2014 | OPERASI PENGELUARAN PERABOT                          | 4     |
| 1697 | C310     | RB-053-5:2014 | PENGURUSAN PENGELUARAN PERABOT                       | 5     |
| 1698 | C161     | RB-054-4:2014 | OPERASI PEMESINAN KERJA KAYU                         | 4     |
| 1699 | C161     | RB-054-5:2014 | PENGURUSAN OPERASI PEMESINAN KERJA KAYU & PENGEMASAN | 5     |
| 1700 | C310     | RB-055-2:2014 | PENGELUARAN PEMBUATAN SAMPEL                         | 2     |
| 1701 | C310     | RB-055-3:2014 | PENYELIAAN PEMBUATAN SAMPEL                          | 3     |
| 1702 | C161     | RB-070-3:2012 | PENGGREDAN KAYU                                      | 3     |
| 1703 | C161     | RB-070-4:2013 | OPERASI KAYU   | 4     |
| 1704 | C161     | RB-070-5:2013 | PENGURUSAN OPERASI KAYU                              | 5     |
| 1705 | C161     | RB-071-2:2014 | OPERASI MESIN KERJA KAYU                             | 2     |
| 1706 | C161     | RB-071-3:2014 | OPERASI MESIN KERJA KAYU                             | 3     |
| 1707 | C161     | RB-072-2:2014 | OPERASI PENYUDAH KERJA                               | 2     |
| 1708 | C161     | RB-072-3:2014 | OPERASI PENYUDAH KERJA                               | 3     |
| 1709 | C161     | RB-073-3:2013 | PENGERINGAN KAYU                                     | 3     |
| 1710 | C161     | RB-073-4:2013 | OPERASI RAWATAN KAYU                                 | 4     |
| 1711 | C161     | RB-073-5:2013 | PENGURUSAN RAWATAN KAYU                              | 5     |
| 1712 | C161     | RB-074-3:2014 | PEMULIHARAAN KAYU                                    | 3     |
| 1713 | A012     | RB-081-3:2012 | PENYELIAAN & OPERASI PENANAMAN KELAPA SAWIT          | 3     |
| 1714 | A012     | RB-081-4:2012 | PENTADBIRAN PENANAMAN KELAPA SAWIT                   | 4     |
| 1715 | A012     | RB-081-5:2012 | PENGURUSAN PENANAMAN KELAPA SAWIT                    | 5     |
| 1716 | A013     | RB-083-3:2012 | PENYELIAAN OPERASI TAPAK SEMAIAN KELAPA SAWIT        | 3     |
| 1717 | A022     | RB-090-1:2012 | OPERASI PENUAIAN PENANAMAN HUTAN                     | 1     |
| 1718 | A022     | RB-090-2:2012 | OPERASI PENUAIAN PENANAMAN HUTAN-KABEL               | 2     |
| 1719 | A022     | RB-090-3:2012 | OPERASI PENUAIAN PENANAMAN HUTAN-KABEL               | 3     |
| 1720 | A022     | RB-091-2:2012 | PENANAMAN HUTAN-OPERASI GERGAJI RANTAI               | 2     |
| 1721 | A022     | RB-091-3:2012 | PENANAMAN HUTAN-OPERASI GERGAJI RANTAI               | 3     |
| 1722 | A022     | RB-092-2:2012 | PENANAMAN HUTAN- OPERASI PENUAIAN                    | 2     |
| 1723 | A022     | RB-092-3:2012 | PENANAMAN HUTAN- OPERASI PENUAIAN                    | 3     |
| 1724 | A021     | RB-093-1:2012 | PENANAMAN HUTAN & OPERASI PENYELENGGARAAN            | 1     |
| 1725 | A021     | RB-093-2:2012 | PENANAMAN HUTAN & OPERASI PENYELENGGARAAN            | 2     |

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| 1726 | A021     | RB-093-3:2012   | PENANAMAN HUTAN & PENYELENGGARAAN                     | 3     |
| 1727 | A021     | RB-094-2:2014   | OPERASI PERSEDIAAN MEKANIKAL TAPAK PENANAMAN HUTAN    | 2     |
| 1728 | A021     | RB-094-3:2014   | PENYELIAAN PERSEDIAAN MEKANIKAL TAPAK PENANAMAN HUTAN | 3     |
| 1729 | A022     | RB-095-3:2014   | OPERASI PENUAIAN MEKANISASI                           | 3     |
| 1730 | A021     | RB-096-1:2014   | OPERASI TAPAK SEMAIAN HUTAN                           | 1     |
| 1731 | A021     | RB-096-2:2014   | OPERASI TEKNIKAL TAPAK SEMAIAN HUTAN                  | 2     |
| 1732 | A021     | RB-096-3:2014   | PENYELIAAN TAPAK SEMAIAN HUTAN                        | 3     |
| 1733 | A011     | RB-097-2:2016   | OPERASI MEKANISASI LADANG KENAF                       | 2     |
| 1734 | A011     | RB-097-3:2016   | PENYELIAAN OPERASI PENGELUARAN KENAF                  | 3     |
| 1735 | F439     | RLC2            | COMPACTOR ROLLER OPERATOR                             | 2     |
| 1736 | F439     | RPT2            | PNEUMATIC TYRE ROLLER OPERATOR                        | 2     |
| 1737 | R900     | S-021-1         | JURUKRAF BARANGAN KASAR LOGAM                         | 1     |
| 1738 | R900     | S-021-2         | JURUKRAF BARANGAN KASAR LOGAM KANAN                   | 2     |
| 1739 | R900     | S-021-3         | PENYELIA UKIRAN BARANGAN KASAR LOGAM                  | 3     |
| 1740 | M749     | S-030-2         | JURUTEKNIK OPERASI KAWALAN PROSES                     | 2     |
| 1741 | M749     | S-030-3         | PENYELIA OPERASI KAWALAN PROSES                       | 3     |
| 1742 | S941     | S941-001-3:2020 | PELAKSANAAN KERJA BELIA                               | 3     |
| 1743 | S941     | S941-001-4:2020 | PENYELARASAN KERJA BELIA                              | 4     |
| 1744 | S941     | S941-001-5:2020 | PENGURUSAN KERJA BELIA                                | 5     |
| 1745 | S949     | S949-001-3:2021 | DAKWAH ISLAM  | 3     |
| 1746 | S960     | S960-001-4:2017 | PENTADBIRAN SPA                                       | 4     |
| 1747 | S960     | S960-001-5:2017 | PENGURUSAN SPA  | 5     |
| 1748 | S960     | S960-002-1:2020 | PERKHIDMATAN KECANTIKAN                               | 1     |
| 1749 | S960     | S960-002-2:2020 | PERKHIDMATAN TERAPI KECANTIKAN                        | 2     |
| 1750 | S960     | S960-002-3:2020 | PERKHIDMATAN ESTETIK                                  | 3     |
| 1751 | S960     | S960-003-2:2021 | PENGGUNTINGAN RAMBUT                                  | 2     |
| 1752 | S960     | S960-003-3:2021 | PENGGUNTINGAN RAMBUT                                  | 3     |
| 1753 | S960     | S960-004-2:2021 | SENI SOLEKAN  | 2     |
| 1754 | S960     | S960-004-3:2021 | SENI SOLEKAN  | 3     |
| 1755 | S960     | S960-005-3:2021 | PENILAIAN KENDERAAN TERPAKAI                          | 3     |
| 1756 | S960     | S960-006-4:2021 | KESENIAN SOLEKAN KARAKTER                             | 4     |
| 1757 | S960     | S960-006-5:2021 | KESENIAN SOLEKAN KESAN KHAS                           | 5     |
| 1758 | F439     | SCR2            | SCRAPER OPERATOR                                      | 2     |
| 1759 | O842     | SS-010-1        | PEMBANTU KESELAMATAN                                  | 1     |
| 1760 | C239     | SS-023-3:2013   | PENGELUARAN KRAF SERAMIK                              | 3     |
| 1761 | C239     | SS-023-4:2013   | PENTADBIRAN PENGELUARAN KRAF SERAMIK                  | 4     |
| 1762 | C239     | SS-023-5:2013   | PENGURUSAN PENGELUARAN KRAF SERAMIK                   | 5     |
| 1763 | R900     | SS-024-3:2013   | SENI SULAMAN WARISAN                                  | 3     |
| 1764 | O842     | SS-030-2        | PEGAWAI KESELAMATAN UNIT ANJING (K9)                  | 2     |
| 1765 | O842     | SS-030-3        | PENYELIA KESELAMATAN UNIT ANJING (K9)                 | 3     |
| 1766 | N801     | SS-060-2        | DETEKTIF  | 2     |
| 1767 | N801     | SS-060-3        | DETEKTIF PENYIASATAN                                  | 3     |
| 1768 | M741     | SS-070-2:2016   | OPERASI PEMBUATAN PEWTER                              | 2     |

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| 1769 | M741     | SS-070-3:2016   | KAWALAN OPERASI PEMBUATAN PEWTER                                   | 3     |
| 1770 | C131     | SS-100-3:2013   | OPERASI PENGELUARAN BATIK  | 3     |
| 1771 | C131     | SS-100-4:2013   | PENGELUARAN REKABENTUK BATIK                                       | 4     |
| 1772 | C131     | SS-100-5:2013   | PENGURUSAN PENGELUARAN BATIK                                       | 5     |
| 1773 | R900     | SS-101-1        | JURUKRAF MUDA ROTAN  | 1     |
| 1774 | R900     | SS-101-2        | JURUKRAF ROTAN   | 2     |
| 1775 | R900     | SS-101-3        | JURUKRAF KANAN ROTAN   | 3     |
| 1776 | R900     | SS-103-2:2016   | PEMBUATAN KRAF HASIL RIMBA   | 2     |
| 1777 | R900     | SS-103-3:2016   | PENYELIAAN PEMBUATAN KRAF HASIL RIMBA                              | 3     |
| 1778 | R900     | SS-200-2:2013   | PENGUKIRAN KAYU ASAS   | 2     |
| 1779 | R900     | SS-200-3:2013   | PENGUKIRAN KAYU  | 3     |
| 1780 | R900     | SS-201-1        | PEMBANTU TUKANG PERAK  | 1     |
| 1781 | R900     | SS-201-2        | JURUKRAF BARANGAN KASAR LOGAM KANAN                                | 2     |
| 1782 | R900     | SS-201-3        | PENYELIA UKIRAN BARANGAN KASAR LOGAM                               | 3     |
| 1783 | R900     | SS-202-1        | PEMBANTU PEMBUAT ACUAN KRAFTANGAN                                  | 1     |
| 1784 | R900     | SS-202-2        | PEMBUAT ACUAN KRAFTANGAN   | 2     |
| 1785 | R900     | SS-202-3        | PEMBUAT KANAN ACUAN KRAFTANGAN                                     | 3     |
| 1786 | R900     | SS-203-3:2012   | PEMBUATAN KERIS & PARANG   | 3     |
| 1787 | R900     | SS-204-3:2012   | PEMBUATAN KACA KRISTAL   | 3     |
| 1788 | R900     | SS-205-3:2012   | PEMBUATAN WAU / LAYANG-LAYANG                                      | 3     |
| 1789 | C151     | SS-300-1:2012   | PEMBUATAN BEG KULIT  | 1     |
| 1790 | C151     | SS-300-2:2012   | PEMBUATAN BEG KULIT  | 2     |
| 1791 | C151     | SS-300-3:2012   | PEMBUATAN BEG KULIT  | 3     |
| 1792 | C152     | SS-301-1:2012   | PEMBUATAN BARANGAN KULIT-KASUT                                     | 1     |
| 1793 | C152     | SS-301-2:2012   | PEMBUATAN BARANGAN KULIT-KASUT                                     | 2     |
| 1794 | C152     | SS-301-3:2012   | PEMBUATAN BARANGAN KULIT-KASUT                                     | 3     |
| 1795 | F439     | SSL2            | SKID STEER LOADER OPERATOR   | 2     |
| 1796 | F422     | SWC1            | SEWERAGE C & S INSTALLER   | 1     |
| 1797 | F422     | SWC2            | SEWERAGE C & S FITTER  | 2     |
| 1798 | F422     | SWC3            | SEWERAGE CIVIL AND STRUCTURE SUPERVISOR                            | 3     |
| 1799 | F422     | SWM1            | SEWERAGE M & E INSTALLER   | 1     |
| 1800 | F422     | SWM2            | SEWERAGE M & E FITTER  | 2     |
| 1801 | F422     | SWM3            | SEWERAGE M & E SUPERVISOR  | 3     |
| 1802 | T982     | T982-001-3:2017 | PENGASUHAN DAN PENDIDIKAN AWAL KANAK-KANAK                         | 3     |
| 1803 | T982     | T982-001-4:2018 | PENYELIAAN PENGASUHAN DAN PENDIDIKAN PERKEMBANGAN AWAL KANAK-KANAK | 4     |
| 1804 | T982     | T982-001-5:2018 | PENGURUSAN PENGASUHAN DAN PENDIDIKAN PERKEMBANGAN AWAL KANAK-KANAK | 5     |
| 1805 | C141     | TA-013-2:2014   | OPERASI MAKMAL TEKSTIL   | 2     |
| 1806 | C141     | TA-013-3:2014   | PENYELIAAN OPERASI MAKMAL TEKSTIL                                  | 3     |
| 1807 | C331     | TA-014-2:2014   | PENYELENGGARAAN MESIN JAHIT INDUSTRI                               | 2     |
| 1808 | C331     | TA-014-3:2014   | PENYELIAAN PENYELENGGARAAN MESIN JAHIT INDUSTRI                    | 3     |
| 1809 | C141     | TA-020-2:2014   | OPERASI JAHITAN  | 2     |
| 1810 | C141     | TA-020-3:2014   | PENYELIAAN OPERASI JAHITAN   | 3     |

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| 1811 | C141     | TA-021-2:2014 | PEMBUATAN POLA PAKAIAN   | 2     |
| 1812 | C141     | TA-021-3:2014 | REKABENTUK & PENYEDIAAN POLA PAKAIAN                                       | 3     |
| 1813 | C131     | TA-022-2:2014 | WEFT KNITTING OPERATION  | 2     |
| 1814 | C131     | TA-022-3:2014 | WEFT KNITTING SUPERVISION  | 3     |
| 1815 | C141     | TA-023-2:2016 | PEMERIKSAAN KAWALAN KUALITI PAKAIAN  | 2     |
| 1816 | C141     | TA-023-3:2016 | PEMERIKSAAN KAWALAN KUALITI PAKAIAN  | 3     |
| 1817 | C141     | TA-024-2:2016 | OPERASI PERDAGANGAN PAKAIAN  | 2     |
| 1818 | C141     | TA-024-3:2016 | PENYELIAAN OPERASI PERDAGANGAN PAKAIAN                                     | 3     |
| 1819 | F439     | TCM2          | TELESCOPIC MATERIAL HANDLER  | 2     |
| 1820 | C309     | TP-010-3:2013 | OPERASI PENGECATAN MOTOSIKAL   | 3     |
| 1821 | C331     | TP-020-3:2013 | PENYELENGGARAAN ELEKTRIK KAPAL   | 3     |
| 1822 | C331     | TP-020-4:2012 | PENTADBIRAN OPERASI & PENYELENGGARAAN ELEKTRIK MARIN                       | 4     |
| 1823 | C331     | TP-020-5:2012 | PENGURUSAN OPERASI & PENYELENGGARAAN ELEKTRIK MARIN                        | 5     |
| 1824 | C331     | TP-021-3:2013 | PENYELENGGARAAN MARIN MEKANIKAL  | 3     |
| 1825 | C331     | TP-021-4:2012 | OPERASI, PENYELENGGARAAN & PENTADBIRAN MEKANIKAL MARIN                     | 4     |
| 1826 | C331     | TP-021-5:2012 | PENGURUSAN OPERASI & PENYELENGGARAAN MEKANIKAL MARIN                       | 5     |
| 1827 | C301     | TP-022-3:2014 | PEMBUATAN SUPERSTRUKTUR DAN SERIMALA GENTIAN KACA                          | 3     |
| 1828 | C301     | TP-022-4:2016 | KOORDINASI & PENTADBIRAN PEMBUATAN SUPERSTRUKTUR DAN SERIMALA GENTIAN KACA | 4     |
| 1829 | C301     | TP-022-5:2016 | PENGURUSAN PEMBUATAN BOT GENTIAN KACA                                      | 5     |
| 1830 | C331     | TP-023-3:2013 | PENYELENGGARAAN ELEKTRONIK KAPAL   | 3     |
| 1831 | C331     | TP-023-4:2012 | PENTADBIRAN OPERASI & PENYELENGGARAAN & ELEKTRONIK MARIN                   | 4     |
| 1832 | C331     | TP-023-5:2012 | PENGURUSAN OPERASI & PENYELENGGARAAN ELEKTRONIK MARIN                      | 5     |
| 1833 | C301     | TP-024-2      | JURUTEKNIK SERIMALA MARIN  | 2     |
| 1834 | C301     | TP-024-3      | JURUTEKNIK KANAN SERIMALA MARIN  | 3     |
| 1835 | C301     | TP-024-4:2012 | KOORDINASI PEMBINAAN SERIMALA  | 4     |
| 1836 | C301     | TP-024-5:2012 | PENGURUSAN PEMBINAAN SERIMALA  | 5     |
| 1837 | C301     | TP-026-3:2013 | PEMBINAAN SERIMALA & STRUKTUR  | 3     |
| 1838 | C331     | TP-027-3:2013 | PENYELENGGARAAN ENJIN MOTOBOT  | 3     |
| 1839 | C301     | TP-028-2:2014 | FABRIKASI, PEMASANGAN & PENYELENGGARAAN SERIMALA (BESI)                    | 2     |
| 1840 | C301     | TP-028-3:2014 | PENYELIAAN FABRIKASI, PEMASANGAN & PENYELENGGARAAN SERIMALA (BESI)         | 3     |
| 1841 | C301     | TP-029-2:2014 | FABRIKASI, PEMASANGAN & PENGUJIAN PERPAIPAN                                | 2     |
| 1842 | C301     | TP-029-3:2014 | PENYELIAAN FABRIKASI, PEMASANGAN & PENGUJIAN PERPAIPAN                     | 3     |
| 1843 | C291     | TP-030-1      | JURUBENTUK KERANGKA BADAN KENDERAAN  | 1     |
| 1844 | C291     | TP-030-2      | PEMASANG KERANGKA BADAN KENDERAAN  | 2     |
| 1845 | C291     | TP-030-3      | PENYELIA KERANGKA BADAN KENDERAAN  | 3     |
| 1846 | C291     | TP-031-1      | OPERATOR PERAPIAN BADAN KENDERAAN PENUMPANG                                | 1     |
| 1847 | C291     | TP-031-2      | OPERATOR KANAN PERAPIAN BADAN KENDERAAN PENUMPANG                          | 2     |
| 1848 | C291     | TP-031-3      | PENYELIA PERAPIAN BADAN KENDERAAN PENUMPANG                                | 3     |
| 1849 | C293     | TP-033-3:2015 | PEMBUATAN SEMULA KOMPONEN KENDERAAN  | 3     |
| 1850 | C291     | TP-034-2:2014 | PEMASANGAN & PENGUBAHSUAIAN AKSESORI KERETA                                | 2     |
| 1851 | C291     | TP-034-3:2014 | PEMASANGAN & PENGUBAHSUAIAN AKSESORI KERETA                                | 3     |
| 1852 | C301     | TP-035-2:2014 | PEMASANGAN, OPERASI & PENYELENGGARAAN ELEKTRIKAL MARIN                     | 2     |

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| 1853 | C301     | TP-035-3:2014 | PENYELIAAN PEMASANGAN, OPERASI & PENYELENGGARAAN ELEKTRIKAL MARIN      | 3     |
| 1854 | S960     | TP-036-3:2015 | PEMERIKSAAN KENDERAAN BERMOTOR   | 3     |
| 1855 | H522     | TP-037-3:2015 | INSPEKTORAT PENGANGKUTAN AWAM  | 3     |
| 1856 | H522     | TP-038-3:2015 | OPERASI PUSAT KAWALAN PENGANGKUTAN DARAT                               | 3     |
| 1857 | C331     | TP-040-3:2016 | SOKONGAN PENYENGGARAAN DALAMAN PESAWAT                                 | 3     |
| 1858 | C331     | TP-060-3:2013 | OPERASI PENYELENGGARAAN PESAWAT( TIDAK DIPERSIJILKAN)                  | 3     |
| 1859 | C331     | TP-060-4:2013 | OPERASI PENYELENGGARAAN PESAWAT DAN PERSIJILAN                         | 4     |
| 1860 | C331     | TP-060-5:2013 | OPERASI PENYELENGGARAAN PESAWAT DAN PERSIJILAN                         | 5     |
| 1861 | C331     | TP-074-1:2012 | KIMPALAN PESAWAT   | 1     |
| 1862 | C331     | TP-074-2:2012 | KIMPALAN PESAWAT   | 2     |
| 1863 | C331     | TP-074-3:2012 | KIMPALAN PESAWAT   | 3     |
| 1864 | C331     | TP-075-1:2012 | PENGECATAN PESAWAT   | 1     |
| 1865 | C331     | TP-075-2:2012 | PENGECATAN PESAWAT   | 2     |
| 1866 | C331     | TP-075-3:2012 | PENGECATAN PESAWAT   | 3     |
| 1867 | H522     | TP-077-3:2013 | PERKHIDMATAN DALAM PENERBANGAN   | 3     |
| 1868 | H522     | TP-078-3:2013 | OPERASI PENGENDALIAN BUMI  | 3     |
| 1869 | H522     | TP-079-3:2014 | OPERASI PENYELAMATAN LAPANGAN TERBANG & PEMADAMAN API                  | 3     |
| 1870 | H522     | TP-079-4:2016 | KAWALAN OPERASI PENYELAMATAN LAPANGAN TERBANG & PEMADAMAN API          | 4     |
| 1871 | H522     | TP-079-5:2016 | PENGURUSAN OPERASI PENYELAMATAN LAPANGAN TERBANG & PEMADAMAN API       | 5     |
| 1872 | C301     | TP-080-1      | PEMBUAT BOT TRADISIONAL DUYUNG   | 1     |
| 1873 | C301     | TP-080-2      | PEMBUAT BOT TRADISIONAL DUYUNG KANAN                                   | 2     |
| 1874 | C301     | TP-080-3      | PENYELIA PEMBUATAN BOT TRADISIONAL DUYUNG                              | 3     |
| 1875 | H501     | TP-090-4      | WATCH KEEPING ENGINEER OF 750KW OR MORE ON NEAR COASTAL TRADE VOYAGE   | 4     |
| 1876 | H501     | TP-090-5      | SECOND ENGINEER OFFICER OF 3000KW OR MORE ON NEAR COASTAL TRADE VOYAGE | 5     |
| 1877 | G452     | TP-100-3:2013 | PENYELENGGARAAN JENTERA TOLAK TANAH                                    | 3     |
| 1878 | G454     | TP-118-4:2015 | PENGURUSAN & PENYELENGGARAAN MOTOSIKAL                                 | 4     |
| 1879 | G454     | TP-118-5:2015 | PENGURUSAN & PENYELENGGARAAN MOTOSIKAL                                 | 5     |
| 1880 | G454     | TP-119-4:2015 | KEJURUTERAAN SUKAN BERMOTOR (2 TAYAR)                                  | 4     |
| 1881 | G454     | TP-119-5:2015 | KEJURUTERAAN SUKAN BERMOTOR (2 TAYAR)                                  | 5     |
| 1882 | C291     | TP-120-3      | FABRIKATOR SUKAN BERMOTOR  | 3     |
| 1883 | G452     | TP-122-3:2013 | PEMASANGAN & PENYELENGGARAAN PENYAMANAN UDARA KENDERAAN KOMERSIAL      | 3     |
| 1884 | H522     | TP-201-3:2013 | OPERASI BOT TUNDA PELABUHAN  | 3     |
| 1885 | H522     | TP-202-3:2013 | OPERASI SISTEM INFORMASI TRAFIK KAPAL(PELABUHAN)                       | 3     |
| 1886 | H522     | TP-203-3:2013 | PERKHIDMATAN OPERASI KARGO   | 3     |
| 1887 | H522     | TP-203-4:2014 | PENGURUSAN OPERASI KARGO   | 4     |
| 1888 | H522     | TP-203-5:2014 | PENGURUSAN OPERASI KARGO   | 5     |
| 1889 | H522     | TP-204-3:2013 | PERANCANGAN OPERASI PELABUHAN  | 3     |
| 1890 | H522     | TP-206-4:2014 | PENGURUSAN PENYELENGGARAAN PERALATAN PELABUHAN                         | 4     |
| 1891 | H522     | TP-206-5:2014 | PENGURUSAN PENYELENGGARAAN PERALATAN PELABUHAN                         | 5     |
| 1892 | G454     | TP-301-4:2012 | KEJURUTERAAN SUKAN BERMOTOR (4 TAYAR)                                  | 4     |
| 1893 | G454     | TP-301-5:2012 | KEJURUTERAAN SUKAN BERMOTOR (4 TAYAR)                                  | 5     |



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| 1894 | G454     | TP-302-3      | JURUTEKNIK SUKAN BERMOTOR (ELEKTRIK & ELEKTRONIK)     | 3     |
| 1895 | G451     | TP-304-3:2012 | PERKHIDMATAN PELANGGAN BENGKEL AUTOMOTIF              | 3     |
| 1896 | S960     | TP-305-4      | PENGURUSAN PEMERIKSAAN KENDERAAN                      | 4     |
| 1897 | S960     | TP-305-5      | PENGURUSAN PEMERIKSAAN KENDERAAN                      | 5     |
| 1898 | G452     | TP-308-2:2016 | SERVIS PEMBAIKAN – SISTEM RODA & SISTEM GANTUNGAN     | 2     |
| 1899 | G452     | TP-308-3:2016 | SERVIS DIAGNOSTIK – SISTEM RODA & SISTEM GANTUNGAN    | 3     |
| 1900 | G452     | TP-309-2:2012 | SERVIS TAYAR KENDERAAN BERAT                          | 2     |
| 1901 | G452     | TP-310-4      | AHLI TEKNOLOGI ELEKTRIK AUTOMOTIF                     | 4     |
| 1902 | G452     | TP-310-5      | AHLI TEKNOLOGI ELEKTRIK AUTOMOTIF                     | 5     |
| 1903 | G451     | TP-312-1:2014 | JUALAN KENDERAAN & SOKONGAN                           | 1     |
| 1904 | G451     | TP-312-2:2014 | OPERASI JUALAN KENDERAAN                              | 2     |
| 1905 | G451     | TP-312-3:2014 | PENYELIAAN JUALAN KENDERAAN                           | 3     |
| 1906 | G451     | TP-312-4:2014 | PENGURUSAN JUALAN RUNCIT KENDERAAN                    | 4     |
| 1907 | G451     | TP-312-5:2014 | PENGURUSAN JUALAN RUNCIT KENDERAAN                    | 5     |
| 1908 | H522     | TP-320-1:2012 | PEMANDUAN KENDERAAN RINGAN, AWAM & BARANGAN           | 1     |
| 1909 | H522     | TP-320-2:2012 | PEMANDUAN KENDERAAN BERAT, AWAM, BARANGAN & KECEMASAN | 2     |
| 1910 | H522     | TP-320-3:2012 | OPERASI KENDERAAN PROFESIONAL                         | 3     |
| 1911 | S960     | TP-321-1:2012 | LATIHAN PENGAJAR PEMANDUAN KENDERAAN RINGAN           | 1     |
| 1912 | S960     | TP-321-2:2012 | LATIHAN PENGAJAR PEMANDUAN KENDERAAN BERAT            | 2     |
| 1913 | S960     | TP-321-3:2012 | LATIHAN PENGAJAR PEMANDUAN KERETA PROFESIONAL         | 3     |
| 1914 | M701     | TP-322-1:2012 | LEAN PRODUCTION SYSTEM OPERATION                      | 1     |
| 1915 | M701     | TP-322-2:2012 | PULL PRODUCTION OPERATION                             | 2     |
| 1916 | M701     | TP-322-3:2012 | PULL PRODUCTION OPERATION                             | 3     |
| 1917 | H522     | TP-324-2:2016 | OPERASI PEMANDUAN (BAS)                               | 2     |
| 1918 | H522     | TP-324-3:2016 | PENYELIAAN OPERASI PEMANDUAN (BAS)                    | 3     |
| 1919 | H522     | TP-325-3:2013 | OPERASI KENDERAAN PERKHIDMATAN AWAM (TEKSI)           | 3     |
| 1920 | H522     | TP-326-3:2013 | OPERASI KENDERAAN PENGANGKUTAN BARANGAN               | 3     |
| 1921 | M701     | TP-327-3:2014 | LEAN PRODUCTION SYSTEM (LPS) PROCESS OPERATION        | 3     |
| 1922 | M701     | TP-327-4:2014 | LEAN PRODUCTION SYSTEM (LPS) JIT MANAGEMENT           | 4     |
| 1923 | M701     | TP-327-5:2014 | LEAN PRODUCTION SYSTEM (LPS) OPERATION MANAGEMENT     | 5     |
| 1924 | M701     | TP-328-3:2014 | LEAN PRODUCTION SYSTEM (LPS) JIDOKA OPERATION         | 3     |
| 1925 | M701     | TP-328-4:2014 | LEAN PRODUCTION SYSTEM (LPS) JIDOKA MANAGEMENT        | 4     |
| 1926 | M701     | TP-329-3:2014 | LPS TAKT PRODUCTION OPERATION                         | 3     |
| 1927 | H522     | TP-330-3:2014 | PENYELIAAN OPERASI PENGANGKUTAN DARAT                 | 3     |
| 1928 | H522     | TP-330-4:2014 | PENTADBIRAN OPERASI PENGANGKUTAN DARAT                | 4     |
| 1929 | H522     | TP-330-5:2014 | PENGURUSAN OPERASI PENGANGKUTAN DARAT                 | 5     |
| 1930 | G452     | TP-331-3:2014 | OPERASI BAS ELEKTRIK                                  | 3     |
| 1931 | G452     | TP-331-4:2014 | PENGURUSAN PENYELENGGARAAN BAS ELEKTRIK               | 4     |
| 1932 | G452     | TP-331-5:2014 | PENGURUSAN PENYELENGGARAAN BAS ELEKTRIK               | 5     |
| 1933 | G452     | TP-333-1:2014 | SERVIS & PENYELENGGARAAN KENDERAAN                    | 1     |
| 1934 | G452     | TP-335-3:2016 | OPERASI & PERKHIDMATAN TEMPAT LETAK KERETA            | 3     |
| 1935 | C291     | TP-410-3:2013 | TRIM & FINAL AUTOMOTIF                                | 3     |

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| 1936 | C291     | TP-410-4:2016 | KAWALAN PEMASANGAN AUTOMOTIF   | 4     |
| 1937 | C291     | TP-410-5:2016 | PENGURUSAN PENGELUARAN AUTOMOTIF                                     | 5     |
| 1938 | C291     | TP-411-1      | OPERATOR PEMASANGAN BADAN AUTOMOBIL                                  | 1     |
| 1939 | C291     | TP-411-2      | OPERATOR KANAN PEMASANGAN BADAN AUTOMOBIL                            | 2     |
| 1940 | C291     | TP-411-3      | PENYELIA PEMASANGAN BADAN AUTOMOBIL                                  | 3     |
| 1941 | C291     | TP-412-3:2013 | OPERASI PENGEMASAN & PENGECATAN AUTOMOTIF                            | 3     |
| 1942 | H522     | TP-413-1      | OPERATOR KEMBALIK  | 1     |
| 1943 | H522     | TP-413-2      | JURUTEKNIK KEMBALIK  | 2     |
| 1944 | H522     | TP-413-3      | PENYELIA KEMBALIK  | 3     |
| 1945 | C291     | TP-414-3:2013 | PEMASANGAN ENJIN AUTOMOTIF   | 3     |
| 1946 | C309     | TP-500-3:2013 | FABRIKASI MOTOSIKAL  | 3     |
| 1947 | C309     | TP-510-3:2013 | OPERASI PEMASANGAN MOTOSIKAL   | 3     |
| 1948 | C309     | TP-511-1      | OPERATOR PENYADURAN MOTOSIKAL  | 1     |
| 1949 | C309     | TP-511-2      | OPERATOR PENYADURAN MOTOSIKAL KANAN                                  | 2     |
| 1950 | C309     | TP-511-3      | PENYELIA PENYADURAN MOTOSIKAL  | 3     |
| 1951 | C309     | TP-512-1      | OPERATOR PEMASANGAN ENJIN MOTOSIKAL                                  | 1     |
| 1952 | C309     | TP-512-2      | OPERATOR KANAN PEMASANGAN ENJIN MOTOSIKAL                            | 2     |
| 1953 | C309     | TP-512-3      | PENYELIA PEMASANGAN ENJIN MOTOSIKAL                                  | 3     |
| 1954 | C309     | TP-513-2      | PEMERIKSA AKHIR MOTOSIKAL  | 2     |
| 1955 | C309     | TP-513-3      | PENYELIA AKHIR MOTOSIKAL   | 3     |
| 1956 | F421     | TP-700-2:2014 | PEMERIKSAAN URUSAN JALAN   | 2     |
| 1957 | F421     | TP-700-3:2014 | PENYELIAAN URUSAN JALAN  | 3     |
| 1958 | H491     | TP-710-4:2016 | PENTADBIRAN OPERASI & KAWALAN KERETA API                             | 4     |
| 1959 | H491     | TP-710-5:2016 | PENGURUSAN OPERASI & KAWALAN KERETA API                              | 5     |
| 1960 | H491     | TP-711-2:2014 | OPERASI EMU  | 2     |
| 1961 | H491     | TP-711-3:2014 | OPERASI PENYELIAAN EMU   | 3     |
| 1962 | H491     | TP-720-1:2014 | OPERASI PEMERIKSAAN LOKOMOTIF  | 1     |
| 1963 | H491     | TP-720-2:2014 | OPERASI PEMANDUAN LOKOMOTIF  | 2     |
| 1964 | H491     | TP-720-3:2014 | PENYELIAAN PEMANDUAN LOKOMOTIF                                       | 3     |
| 1965 | C331     | TP-741-4:2016 | OPERASI & PENYELENGGARAAN PENGELEKTRIKAN REL                         | 4     |
| 1966 | C331     | TP-741-5:2016 | PENGURUSAN PENGELEKTRIKAN REL  | 5     |
| 1967 | H522     | TP-800-1:2011 | GROUND HANDLING - RAMP SERVICES                                      | 1     |
| 1968 | H522     | TP-800-2:2011 | GROUND HANDLING - RAMP SERVICES                                      | 2     |
| 1969 | H522     | TP-800-3:2011 | GROUND HANDLING - RAMP SERVICES                                      | 3     |
| 1970 | H522     | TP-801-3:2013 | AERONAUTICAL GROUND LIGHTING MAINTENANCE                             | 3     |
| 1971 | H522     | TP-801-4:2014 | AERONAUTICAL GROUND LIGHTING OPERATIONS & MAINTENANCE ADMINISTRATION | 4     |
| 1972 | H522     | TP-801-5:2014 | AERONAUTICAL GROUND LIGHTING OPERATIONS & MAINTENANCE MANAGEMENT     | 5     |
| 1973 | H522     | TP-802-3:2013 | BAGGAGE HANDLING SYSTEM OPERATION & MAINTENANCE SERVICES             | 3     |
| 1974 | H522     | TP-802-4:2014 | BAGGAGE HANDLING SYSTEM OPERATION & MAINTENANCE ADMINISTRATION       | 4     |
| 1975 | H522     | TP-802-5:2014 | BAGGAGE HANDLING SYSTEM OPERATION & MAINTENANCE MANAGEMENT           | 5     |
| 1976 | H522     | TP-803-3:2013 | PASSENGER BOARDING BRIDGE OPERATION & MAINTENANCE SERVICES           | 3     |

| BIL  | KOD MSIC | KOD NOSS      | TAJUK NOSS  | TAHAP |
|------|----------|---------------|---|-------|
| 1977 | H522     | TP-803-4:2014 | PASSENGER BOARDING BRIDGE SYSTEM MANAGEMENT   | 4     |
| 1978 | H522     | TP-803-5:2014 | PASSENGER BOARDING BRIDGE SYSTEM MANAGEMENT   | 5     |
| 1979 | H522     | TP-804-3:2014 | AIRPORT LANDSIDE, TERMINAL & AIRSIDE OPERATIONS   | 3     |
| 1980 | H522     | TP-804-4:2016 | AIRPORT LANDSIDE, TERMINAL & AIRSIDE OPERATIONS ADMINISTRATION                          | 4     |
| 1981 | H522     | TP-804-5:2016 | AIRPORT LANDSIDE, TERMINAL & AIRSIDE OPERATIONS MANAGEMENT                              | 5     |
| 1982 | H522     | TP-805-3:2014 | OPERASI ZON KOMERSIAL BEBAS   | 3     |
| 1983 | H522     | TP-805-4:2014 | PENTADBIRAN ZON KOMERSIAL BEBAS   | 4     |
| 1984 | H522     | TP-805-5:2014 | PENGURUSAN ZON KOMERSIAL BEBAS  | 5     |
| 1985 | F439     | TRH2          | OFF HIGHWAY TRUCK OPERATOR  | 2     |
| 1986 | R932     | U-020-4       | JURULATIH SELAM SKUBA REKREASI  | 4     |
| 1987 | R932     | U-020-5       | PENGAJAR JURULATIH SELAM SKUBA REKREASI   | 5     |
| 1988 | M749     | U-022-2       | PENYELAM TEPU   | 2     |
| 1989 | M749     | U-022-3       | PENYELIA SELAMAN TEPU   | 3     |
| 1990 | F439     | W-010-2       | OPERATOR TERMINAL (FRONT END LOADER & REACH STACKER)                                    | 2     |
| 1991 | F439     | W-011-3       | OPERATOR TERMINAL KANAN (KREN JAMBATAN)   | 3     |
| 1992 | F439     | W-012-3       | OPERATOR TERMINAL KANAN (RUBBER TYRED GANTRY CRANE)                                     | 3     |
| 1993 | M750     | Y-010-1       | PEKERJA VETERINAR   | 1     |
| 1994 | M750     | Y-010-2       | PEMBANTU RENDAH VETERINAR   | 2     |
| 1995 | M750     | Y-010-3       | PEMBANTU VETERINAR  | 3     |
| 1996 | M750     | Y-010-4       | PENOLONG PENGURUS VETERINAR   | 4     |
| 1997 | M750     | Y-010-5       | PENGURUS VETERINAR  | 5     |
| 1998 | A031     | Y-020-1       | PEMBANTU PERIKANAN  | 1     |
| 1999 | A031     | Y-020-2       | JURUTEKNIK RENDAH PERIKANAN   | 2     |
| 2000 | A031     | Y-020-3       | JURUTEKNIK PERIKANAN  | 3     |
| 2001 | A016     | Y-050-4       | EKSEKUTIF PERTANIAN   | 4     |
| 2002 | A016     | Y-050-5       | PENGURUS LADANG PERTANIAN   | 5     |
| 2003 | M721     | Y-060-4       | EKSEKUTIF PENYELIDIKAN DAN PEMBANGUNAN (AKTIVITI-AKTIVITI INDUSTRI BERKAITAN PERTANIAN) | 4     |
| 2004 | M721     | Y-060-5       | PENGURUS PENYELIDIKAN DAN PEMBANGUNAN (AKTIVITI-AKTIVITI INDUSTRI BERKAITAN PERTANIAN)  | 5     |
| 2005 | A016     | Y-070-4       | EKSEKUTIF JUALAN - PENGEDARAN MAKANAN   | 4     |
| 2006 | A016     | Y-070-5       | PENGURUS JUALAN - PENGEDARAN MAKANAN  | 5     |
| 2007 | G463     | Y-080-2       | PEMBANTU GUDANG (PENGEDARAN MAKANAN)  | 2     |
| 2008 | G463     | Y-080-3       | PENYELIA GUDANG (PENGEDARAN MAKANAN)  | 3     |

**32. SENARAI STANDARD JUMUD:**

**Senarai Keseluruhan SKPK Yang Telah  
Dikajisemula/ *List of Total NOSS Reviewed***

Senarai Penuh Kod NOSS yang telah dikajisemula boleh dirujuk pada pautan berikut :

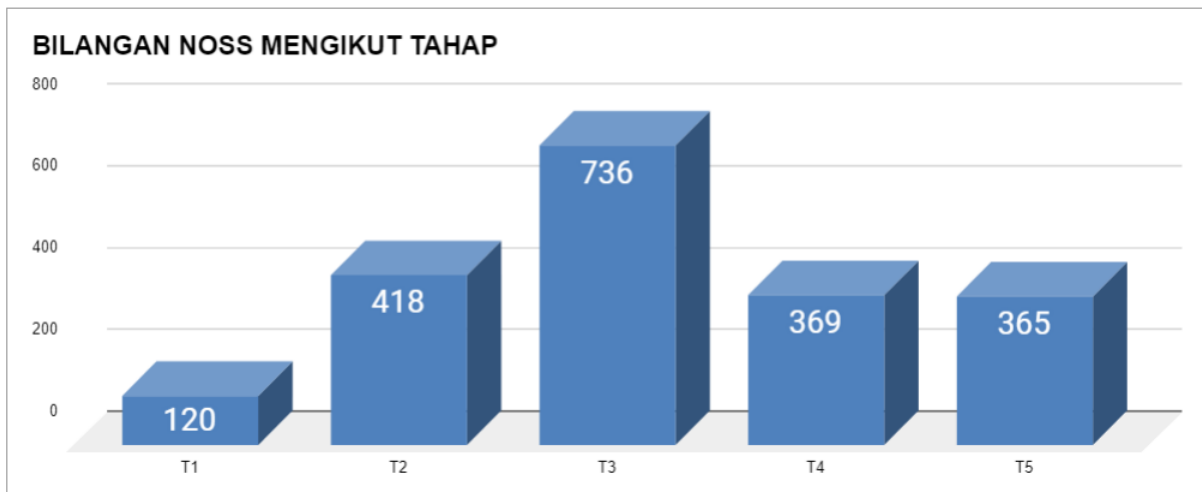
**[KLIK SAYA / CLICK ME](#)**

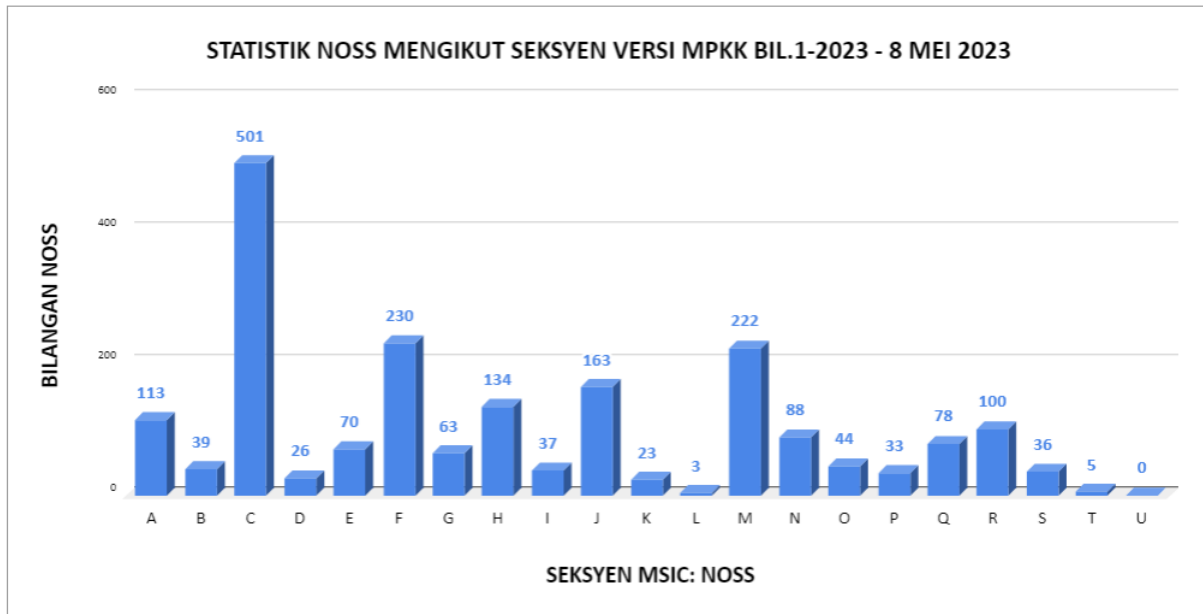


### 33. STATISTIK SKPK / NOSS STATISTIC

(kemaskini pada 9 Mei 2023 berdasarkan keputusan MPKK Bil.1/2023 8 Mei 2023)

| BILANGAN STANDARD KESELURUHAN SEHINGGA 8 MEI 2023 | BILANGAN STANDARD (NOSS + NCS + K-SLDN) | BILANGAN STANDARD YANG DIKAJISEMULA/JUMUD (KOD LAMA YANG TIDAK AKTIF) |
|---|---|---|
| 3592  | 2072                                    | 1520  |





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**Statistik SKPK Mengikut Seksyen MSIC & Tahap/  
*NOSS Statistic According to MSIC Section & Level***

| BIL  | KOD    | SEKTOR MSIC  | BILANGAN NOSS                       |            |            |            |            |           | JUMLAH      |
|--|--------|--|-------------------------------------|------------|------------|------------|------------|-----------|-------------|
|  |        |  | T1                                  | T2         | T3         | T4         | T5         | NCS       |             |
| 1  | A      | PERTANIAN, PERHUTANAN DAN PERIKANAN  | 4                                   | 26         | 44         | 20         | 19         | 0         | 113         |
| 2  | B      | PERLOMBONGAN DAN PENGKUIARIAN  | 4                                   | 5          | 12         | 9          | 9          | 0         | 39          |
| 3  | C      | PEMBUATAN  | 24                                  | 118        | 191        | 84         | 84         | 0         | 501         |
| 4  | D      | BEKALAN ELEKTRIK, GAS, WAP DAN PENDINGIN UDARA   | 2                                   | 6          | 8          | 5          | 5          | 0         | 26          |
| 5  | E      | BEKALAN AIR; PEMBENTUNGAN, PENGURUSAN SISA DAN AKTIVITI PEMULIHAN  | 2                                   | 20         | 22         | 13         | 13         | 0         | 70          |
| 6  | F      | PEMBINAAN  | 32                                  | 81         | 85         | 18         | 14         | 0         | 230         |
| 7  | G      | PERDAGANGAN BORONG DAN RUNCIT, PEMBAIKAN KENDERAAN BERMOTOR DAN MOTOSIKAL  | 3                                   | 9          | 29         | 11         | 11         | 0         | 63          |
| 8  | H      | PENGANGKUTAN DAN PENYIMPANAN   | 7                                   | 27         | 50         | 25         | 25         | 0         | 134         |
| 9  | I      | PENGINAPAN DAN AKTIVITI PERKHIDMATAN MAKANAN DAN MINUMAN   |                                     | 9          | 13         | 8          | 7          | 0         | 37          |
| 10   | J      | MAKLUMAT DAN KOMUNIKASI  | 5                                   | 19         | 52         | 43         | 44         | 0         | 163         |
| 11   | K      | AKTIVITI KEWANGAN DAN INSURANS/TAKAFUL   |                                     |            | 7          | 8          | 8          | 0         | 23          |
| 12   | L      | AKTIVITI HARTANAH  |                                     | 1          | 1          | 1          |            | 0         | 3           |
| 13   | M      | AKTIVITI PROFESIONAL, SAINTIFIK DAN TEKNIKAL   | 19                                  | 39         | 72         | 46         | 46         | 0         | 222         |
| 14   | N      | AKTIVITI PENTADBIRAN DAN KHIDMAT SOKONGAN  | 2                                   | 12         | 32         | 21         | 21         | 0         | 88          |
| 15   | O      | PENTADBIRAN AWAM DAN PERTAHANAN; AKTIVITI KESELAMATAN SOSIAL WAJIB   | 2                                   | 7          | 13         | 9          | 13         | 0         | 44          |
| 16   | P      | PENDIDIKAN   | 1                                   | 4          | 12         | 8          | 8          | 0         | 33          |
| 17   | Q      | AKTIVITI KESIHATAN KEMANUSIAAN DAN KERJA SOSIAL  | 5                                   | 9          | 35         | 15         | 14         | 0         | 78          |
| 18   | R      | KESENIAN, HIBURAN DAN REKREASI   | 6                                   | 19         | 43         | 16         | 16         | 0         | 100         |
| 19   | S      | AKTIVITI PERKHIDMATAN LAIN   | 2                                   | 6          | 13         | 8          | 7          | 0         | 36          |
| 20   | T      | AKTIVITI ISI RUMAH SEBAGAI MAJIKAN; AKTIVITI MENGELUARKAN BARANGAN DAN PERKHIDMATAN YANG TIDAK DAPAT DIBEZAKAN OLEH ISI RUMAH UNTUK KEGUNAAN SENDIRI |                                     | 1          | 2          | 1          | 1          | 0         | 5           |
| 21   | U      | AKTIVITI BADAN DAN PERTUBUHAN LUAR WILAYAH   | 0                                   | 0          | 0          | 0          | 0          | 0         | 0           |
|  |        |  | <b>T1</b>                           | <b>T2</b>  | <b>T3</b>  | <b>T4</b>  | <b>T5</b>  |           |             |
| <b>JUMLAH NOSS MENGIKUT TAHAP:</b>   |        |  | <b>120</b>                          | <b>418</b> | <b>736</b> | <b>369</b> | <b>365</b> | <b>0</b>  | <b>2008</b> |
| 22   | NCS    | NATIONAL COMPETENCY STANDARD (NCS)   | 0                                   | 0          | 0          | 0          | 0          | 35        | 35          |
| 23   | K-SLDN | KURIKULUM-SLDN   | 0                                   | 2          | 27         | 0          | 0          | 0         | 29          |
| <b>JUMLAH KESELURUHAN NOSS + NCS + K-SLDN:</b>                             |        |  | <b>120</b>                          | <b>420</b> | <b>763</b> | <b>369</b> | <b>365</b> | <b>35</b> | <b>2072</b> |
| <b>JUMLAH NOSS + NCS (KAJI SEMULA/JUMUD):</b>                              |        |  |                                     |            |            |            |            |           | <b>1520</b> |
| <b>JUMLAH KESELURUHAN NOSS + NCS + K-SLDN (TERMASUK KAJISEMULA/JUMUD):</b> |        |  |                                     |            |            |            |            |           | <b>3592</b> |
|  |        |  | JUMLAH NOSS FORMAT BAHARU: 1650 82% |            |            |            |            |           |             |
|  |        |  | JUMLAH NOSS FORMAT LAMA: 358 24%    |            |            |            |            |           |             |

### 34. SENARAI STANDARD YANG DILULUSKAN PADA TAHUN 2023 / LIST OF NOSS ENDORSED IN YEAR 2023

| BIL. (NO.)                          | KOD NOSS/NCS BAHARU (NEW NOSS/NCS CODE) | TAJUK NOSS/NCS (NOSS/NCS TITLE)                                      | KOD NOSS/NCS LAMA (PREVIOUS NOSS/NCS CODE) |
|-------------------------------------|---|--|--|
| <b>MPKK BIL.1/2023 (8 MEI 2023)</b> |   |  |  |
| 1                                   | A032-007-2:2023                         | Ternakan Ikan Hiasan Air Tawar / Fresh Water Ornamental Fish Farming | AF-032-2                                   |

| BIL. (NO.) | KOD NOSS/NCS BAHARU (NEW NOSS/NCS CODE) | TAJUK NOSS/NCS (NOSS/NCS TITLE)   | KOD NOSS/NCS LAMA (PREVIOUS NOSS/NCS CODE)   |
|------------|---|---|--|
| 2          | A032-007-3:2023                         | Ternakan Ikan Hiasan Air Tawar / <i>Fresh Water Ornamental Fish Farming</i>   | AF-032-3   |
| 3          | C131-004-3:2023                         | Pengeluaran Tenunan Warisan / <i>Heritage Weaving Production</i>  | SS-140-1, SS-140-2, SS-140-3, SS-140-4, SS-141-2, SS-141-3, SS-142-1, SS-142-2, SS-142-3, SS-142-4, SS-142-5 |
| 4          | C141-007-2:2023                         | Pembuatan Pakaian Kanak-Kanak / <i>Children's Wear Making</i>   |  |
| 5          | C141-007-3:2023                         | Operasi Teknikal Pembuatan Pakaian Kanak- Kanak / <i>Children's Wear Making Technical Operation</i>   |  |
| 6          | C181-001-2:2023                         | Perkhidmatan Teknikal Percetakan Digital / <i>Digital Printing Technical Services</i>   | PR-020-2:2014<br>F-090-2   |
| 7          | C181-001-3:2023                         | Produksi Percetakan Digital / <i>Digital Printing Production</i>  | PR-020-3:2014<br>F-090-3   |
| 8          | C210-002-2:2023                         | Penyelenggaraan Prasarana Kejuruteraan Pembuatan Farmaseutikal / <i>Pharmaceutical Manufacturing Engineering Facilities Maintenance</i>                 |  |
| 9          | C210-002-3:2023                         | Penyelenggaraan Prasarana Kejuruteraan Pembuatan Farmaseutikal / <i>Pharmaceutical Manufacturing Engineering Facilities Maintenance</i>                 |  |
| 10         | C281-001-3:2023                         | Pemasangan Robot / <i>Robot Assembly</i>  |  |
| 11         | C281-001-4:2023                         | Rekabentuk Sistem Robot / <i>Robot System Design</i>  |  |
| 12         | C281-001-5:2023                         | Senibina Sistem Robot / <i>Robot System Architecture</i>  |  |
| 13         | C303-001-4:2023                         | Operasi Proses Komposit Aero Angkasa / <i>Aerospace Composite Process Operation</i>   | MT-010-4:2013  |
| 14         | C303-001-5:2023                         | Pengurusan Pengeluaran Komposit Aero Angkasa / <i>Aerospace Composite Production Management</i>   | MT-010-5:2013  |
| 15         | C321-001-2:2023                         | Seni dan Kraf Barang Kemas Tradisional / <i>Traditional Jewellery Arts and Craft</i>  | SS-102-3:2014  |
| 16         | C321-001-3:2023                         | Seni dan Kraf Barang Kemas Kontemporari / <i>Contemporary Jewellery Arts and Craft</i>  | SS-102-3:2014  |
| 17         | C331-017-4:2023                         | Kejuruteraan Penyelenggaraan Pesawat (Avionik) / <i>Aircraft Maintenance Engineering (Avionics)</i>   | C331-010-4:2019<br>TP-070-4  |
| 18         | C331-017-5:2023                         | Pengurusan Penyelenggaraan Pesawat (Avionik) / <i>Aircraft Maintenance Management (Avionics)</i>  | TP-071-5<br>TP-072-5   |
| 19         | E360-004-4:2023                         | Operasi Makmal Kualiti Air / <i>Water Quality Laboratory Operation</i>  |  |
| 20         | E360-004-5:2023                         | Pengurusan Makmal Kualiti Air / <i>Water Quality Laboratory Management</i>  |  |
| 21         | E360-005-2:2023                         | Pembacaan Meter Air dan Pengebilan / <i>Water Meter Reading and Billing</i>   |  |
| 22         | E360-005-3:2023                         | Pembacaan Meter Air dan Pengebilan / <i>Water Meter Reading and Billing</i>   |  |
| 23         | E360-006-2:2023                         | Pengumpulan Data Teknikal (Perancangan dan Reka Bentuk) Infrastruktur Air / <i>Water Infrastructure (Planning and Design) Technical Data Collection</i> |  |
| 24         | E360-006-3:2023                         | Pra-Reka Bentuk Pembangunan Infrastruktur Air (Perancangan dan Reka Bentuk) / <i>Water Infrastructure (Planning and Design) Pre- Design Development</i> |  |
| 25         | E360-007-2:2023                         | Pemprofilan Aset Insfrastruktur Air / <i>Water Infrastructure Asset Profiling</i>   |  |
| 26         | E360-007-3:2023                         | Penilaian Aset Infrastruktur Air / <i>Water Infrastructure Asset Assessment</i>   |  |
| 27         | E370-004-3:2023                         | Pembangunan Infrastruktur Pembetulan (Pengurusan Aset) / <i>Sewerage Infrastructure Development (Asset Management)</i>                                  |  |



| BIL. (NO.) | KOD NOSS/NCS BAHARU (NEW NOSS/NCS CODE) | TAJUK NOSS/NCS (NOSS/NCS TITLE)  | KOD NOSS/NCS LAMA (PREVIOUS NOSS/NCS CODE) |
|------------|---|--|--|
| 28         | F433-009-2:2023                         | Pengecatan Seni Bina Bangunan / <i>Building Architectural Painting</i>   | PTC1, PTC2                                 |
| 29         | F433-009-3:2023                         | Pemeriksaan Pengecatan Seni Bina Bangunan / <i>Building Architectural Painting Inspection</i>  |  |
| 30         | G452-010-3:2023                         | Diagnostik dan Pembaikan Kenderaan Elektrik Bateri (BEV) / <i>Battery Electric Vehicle (BEV) Diagnostic and Rectification</i>            |  |
| 31         | G477-001-3:2023                         | Perdagangan Peruncitan Fesyen / <i>Fashion Retail Merchandising</i>  |  |
| 32         | J591-003-4:2023                         | Operasi Produksi TV dan Filem / <i>TV and Film Production Operation</i>  |  |
| 33         | J591-003-5:2023                         | Pengurusan Produksi TV dan Filem / <i>TV and Film Production Management</i>  |  |
| 34         | J619-003-3:2023                         | Perkhidmatan Rangkaian Komputer / <i>Computer Network Services</i>   | IT-030-3:2013                              |
| 35         | M721-013-2:2023                         | Pembangunan Formulasi dan Analitikal Farmaseutikal / <i>Pharmaceutical Formulation and Analytical Development</i>                        |  |
| 36         | M721-013-3:2023                         | Penyeliaan Pembangunan Formulasi dan Analitikal Farmaseutikal / <i>Pharmaceutical Formulation and Analytical Development Supervision</i> |  |
| 37         | M749-008-4:2023                         | Pentadbiran Audit Halal / <i>Halal Audit Administration</i>  | HI-010-3:2013<br>HI-010-4:2013             |
| 38         | M749-008-5:2023                         | Pengurusan Audit Halal / <i>Halal Audit Management</i>   | HI-010-5:2013                              |
| 39         | N791-005-3:2023                         | Jualan dan Pemasaran Perkhidmatan Kapal Persiaran / <i>Cruise Services Sales and Marketing</i>   | HT-102-3:2014                              |
| 40         | N791-006-3:2023                         | Operasi Pelancongan Luar Negara / <i>Outbound Tour Operation</i>   | HT-022-1, HT-022-2,<br>HT-022-3            |
| 41         | O841-004-4:2023                         | Pentadbiran Penguatkuasaan Aktiviti Perburuhan / <i>Labour Enforcement Activities Administration</i>                                     |  |
| 42         | O841-004-5:2023                         | Pengurusan Penguatkuasaan Aktiviti Perburuhan / <i>Labour Enforcement Activities Management</i>  |  |
| 43         | NCS-017:2023                            | Pengurusan Keselamatan, Kesihatan dan Alam Sekitar / <i>Safety, Health and Environment Management</i>                                    |  |
| 44         | NCS-018:2023                            | Pematuhan Bandar Rendah Karbon / <i>Low Carbon City Compliance</i>   |  |

Bahagian Standard Pekerjaan dan Kurikulum TVET (BSPKTVET)  
Jabatan Pembangunan Kemahiran  
Kementerian Sumber Manusia, Malaysia

*SPKTVET Division  
Department of Skills Development  
Ministry of Human Resource, Malaysia*