

Rujukan : LPIPM:SPB/BPP/13/1/5 Klt.2 (23)
Tarikh : 21 Disember 2022

SEPERTI SENARAI EDARAN

YBhg. Datuk/Dato'/Tuan/Puan,

**PEMAKLUMAN PERUBAHAN PELAKSANAAN PROGRAM PENTAULIAHAN
PENYELIAAN & PENGURUSAN (TAHAP 3 – 6)**

Dengan segala hormatnya perkara di atas adalah dirujuk.

2. Pihak kami ingin memaklumkan berkaitan ketetapan kaedah pelaksanaan Program Pentaualiahan Penyeliaan & Pengurusan (Tahap 3 – 6) yang akan dilaksanakan mulai tahun 2023. Perubahan ini adalah dibuat bagi menyelaraskan kaedah pelaksanaan program berkaitan berdasarkan kepada kerangka CSQF. Perubahan ini adalah melibatkan perkara berikut :

2.1. Perubahan Nama Kaedah Pentaualiahan

Kaedah pentaualiahan telah ditetapkan seperti berikut :

No.	Nama Kaedah Sediada	Nama Kaedah Baharu
1.	Kaedah I (Latihan dan Penilaian)	Kaedah I(A) – Latihan dan Penilaian
2.	Kaedah II (Penilaian)	Kaedah I(B) – Penilaian
3.	Kaedah III (Temuduga)	Kaedah II – Temuduga/ <i>Recognition Prior Learning Experience (RPLE)</i>

2.2. Pelaksanaan Penilaian

- **Kaedah I(A)**

Merupakan kaedah latihan dan penilaian yang mana pelaksanaan latihan akan dijalankan oleh Penyedia Latihan Bertauliah (PLB) yang telah ditauliahkan oleh CIDB Malaysia dan penilaian akan diuruskan oleh CIDB Malaysia

- **Kaedah I(B)**

Merupakan kaedah penilaian sahaja iaitu tanpa menjalani latihan. Penilaian ini akan diuruskan oleh CIDB Malaysia

- **Kaedah II**

Merupakan kaedah penilaian menerusi pengiktirafan pendidikan dan pengalaman kerja/temuduga. Penilaian ini diuruskan oleh CIDB Malaysia



**SYARAT-SYARAT PERMOHONAN BAGI MENDAPATKAN
PENTAULIAHAN SEBAGAI PERSONEL BERTAULIAH MENGIKUT
TAHAP KOMPETENSI**

PROGRAM PENTAULIAHAN PENYELIAAN DAN PENGURUSAN

* Sila baca syarat-syarat ini sebelum mula mengisi borang permohonan

1. PROGRAM PENTAULIAHAN PENYELIA TAPAK BINAAN (CSS)
2. PROGRAM PENTAULIAHAN EKSEKUTIF PENGURUSAN FASILITI (FME)
3. PROGRAM PENTAULIAHAN PEGAWAI PENGURUSAN TRAFIK PEMBINAAN (CTMO)
4. PROGRAM PENTAULIAHAN PENGURUS PEMBINAAN (CCM)
5. PROGRAM PENTAULIAHAN PENGURUS PENGURUSAN FASILITI (FMM)
6. PROGRAM PENTAULIAHAN PENGURUS PEMBINAAN PEMBENTUNGAN (SCM)
7. PROGRAM PENTAULIAHAN PENGURUS PROJEK PEMBINAAN (CCPM)

DISEDIAKAN OLEH:
BAHAGIAN PENILAIAN DAN PENSIJILAN
SEKTOR PERSONEL BINAAN

**MAKLUMAT PENTAULIAHAN SEBAGAI PERSONEL BERTAULIAH DAN KOMPETEN UNTUK
TAHAP 3, 4, 5 DAN 6 PROGRAM PENTAULIAHAN PENYELIAAN DAN PENGURUSAN**

1. Pentaualiahan ini dibuka kepada **semua personel binaan/individu(Warganegara & Warga Asing)** yang terlibat secara langsung atau tidak langsung dalam kerja-kerja penyeliaan di tapak bina serta memenuhi syarat-syarat kelayakan permohonan dan pentaualiahan.
2. Program pentaualiahan ini dilaksanakan melalui tiga (3) kaedah penilaian iaitu:
 - a. Kaedah I(A) iaitu Latihan dan Penilaian, atau
 - b. Kaedah I(B) iaitu Penilaian sahaja, atau
 - c. Kaedah II iaitu Pengiktirafan melalui Tahap Pendidikan dan Pengalaman (*Recognition Prior Learning and Experience, RPLE*) atau Temuduga.
3. Kaedah dan proses penilaian adalah seperti berikut:

KAEDAH	PROSES PENILAIAN
Kaedah I(A) Latihan dan Penilaian	<p><u>Menjalani kursus dan menduduki penilaian bertulis bagi setiap modul pembelajaran.</u></p> <p>KOMPETEN – Dianugerah Sijil Kompetensi Kemahiran Pembinaan (SKKP) mengikut tahap BELUM KOMPETEN – Ulangi latihan bagi modul latihan yang gagal dan dinilai semula.</p>
Kaedah I(B) Penilaian sahaja	<p><u>Menduduki penilaian bertulis</u></p> <p>KOMPETEN – Dianugerah Sijil Kompetensi Kemahiran Pembinaan (SKKP) mengikut tahap BELUM KOMPETEN – Ulangi penilaian bagi modul yang gagal atau mendapatkan pentaualiahan dari mana-mana Kaedah.</p>
Kaedah II Pengiktirafan Tahap Pendidikan dan Pengalaman (RPLE)/Temuduga	<p><u>Mengemukakan dokumen pengalaman kerja dan menduduki temuduga</u></p> <p>KOMPETEN – Dianugerah Sijil Kompetensi Kemahiran Pembinaan (SKKP) mengikut tahap BELUM KOMPETEN – Memohon semula untuk Kaedah II pada bila-bila masa (terhad kepada 2 kali sahaja) atau mendapatkan pentaualiahan dari mana-mana Kaedah.</p>

Nota penting:

Personel yang memohon pentaualiahan melalui Kaedah I(A) (Latihan dan Penilaian) **HENDAKLAH** melengkapkan (hadir dan lulus) **KESEMUA** modul di dalam masa 365 hari dari tarikh hadir modul yang pertama (modul yang pertama tidak semestinya Modul – M01).

4. Peserta yang lulus melalui mana-mana kaedah akan diperakukan melalui **Sijil Kompetensi Kemahiran Pembinaan (SKKP) MENGIKUT TAHAP** di mana bersesuaian dengan tugas dan tanggungjawab. Bagi tujuan pendaftaran dengan Lembaga ini, personel bertauliah bagi Program Pentauliahan Penyeliaan dan Pengurusan hendaklah mengemaskini pendaftaran (di dalam Kad Pendaftaran Personel Binaan).
5. Rujuk **Jadual 1 hingga Jadual 7** bagi syarat kelayakan minima pentauliahan mengikut tahap dan program. Disediakan juga adalah keberhasilan program (*Program Outcome*, PO) sebagai rujukan.
6. Keberhasilan program (PO) ini dibangunkan berdasarkan modul pembelajaran, hasil merujuk kepada *Duty and Tasks* di dalam NOSS. Disamping itu, pernyataan PO ini juga mengambil kira visi, misi dan objektif CIDB dalam memperkaya profesionalisme di dalam industri pembinaan. PO ini juga akan digunapakai sebagai asas ukuran penilaian peserta.
7. **Akta 520 (Pindaan 2011), Bahagian X, AM, Seksyen 37 (1) dan (2)(a) Kuasa untuk membuat peraturan-peraturan –**
 - 37(1) Lembaga boleh, dengan kelulusan Menteri, membuat apa-apa peraturan yang suai manfaat atau perlu bagi melaksanakan peruntukan Akta ini dengan lebih baik.
 - (2) Tanpa menjejaskan keluasan subseksyen (1), peraturanperaturan boleh dibuat bagi— (a) menetapkan syarat, cara, bentuk, jenis, gred dan tatacara bagi pendaftaran, akreditasi atau pemerakuan kontraktor dan personel binaan dan penggantungan, pembatalan, pengembalian semula atau penolakan pendaftaran, akreditasi atau pemerakuan kontraktor dan personel binaan;

**SYARAT KELAYAKAN PERMOHONAN DAN PENTAULIAHAN SERTA KEBERHASILAN PROGRAM (PO)
PENYELIAAN DAN PENGURUSAN**

JADUAL	TAJUK JADUAL
Jadual 1	Syarat kelayakan permohonan dan pentauliahan bagi Program Pentauliahan Penyelia Tapak Binaan (CSS) – Tahap 3/4
Jadual 1a	Keberhasilan program bagi Program Pentauliahan Penyelia Tapak Binaan (CSS)
Jadual 2	Syarat kelayakan permohonan dan pentauliahan bagi Program Pentauliahan Eksekutif Pengurusan Fasiliti (FME) – Tahap 4
Jadual 2a	Keberhasilan program bagi Program Pentauliahan Eksekutif Pengurusan Fasiliti (FME)
Jadual 3	Syarat kelayakan permohonan dan pentauliahan bagi Program Pentauliahan Pegawai Pengurusan Trafik Pembinaan (CTMO) – Tahap 4
Jadual 3a	Keberhasilan program bagi Program Pentauliahan Pegawai Pengurusan Trafik Pembinaan (CTMO)
Jadual 4	Syarat kelayakan permohonan dan pentauliahan bagi Program Pentauliahan Pengurus Pembinaan (CCM) – Tahap 5
Jadual 4a	Keberhasilan program bagi Program Pentauliahan Pengurus Pembinaan (CCM)
Jadual 5	Syarat kelayakan permohonan dan pentauliahan bagi Program Pentauliahan Pengurus Pengurusan Fasiliti (FMM) – Tahap 5
Jadual 5a	Keberhasilan program bagi Program Pentauliahan Pengurus Pengurusan Fasiliti (FMM)
Jadual 6	Syarat kelayakan permohonan dan pentauliahan bagi Program Pentauliahan Pengurus Pembinaan Pembentungan (SCM) – Tahap 5
Jadual 7	Syarat kelayakan permohonan dan pentauliahan bagi Program Pentauliahan Pengurus Projek Pembinaan (CCPM) – Tahap 6
Jadual 7a	Keberhasilan program bagi Program Pentauliahan Pengurus Projek Pembinaan (CCPM)

Jadual 1: Syarat kelayakan permohonan dan pentauliahan bagi Program Pentauliahan Penyelia Tapak Binaan (CSS) – Tahap 3/4

Kategori	Kelayakan Minima Akademik	Tahun pengalaman di dalam bidang pembinaan yang berkaitan		
		Kaedah I(A)	Kaedah I(B)	Kaedah II (RPLE)
1	Sarjana Muda dalam bidang berkaitan/ bukan berkaitan pembinaan	2	4	5
2	Diploma dalam bidang berkaitan / bukan berkaitan pembinaan	2	6	6
3	Sijil Politeknik, Sijil Kemahiran Malaysia, Sijil Kecekapan Kemahiran, Sijil Teknikal lain	3	7	8
4	Pendidikan Sekolah Menengah	5	7	10
5	Pendidikan Sekolah Rendah	7	9	12

Jadual 1a: Keberhasilan program bagi Program Pentauliahan Penyelia Tapak Binaan (CSS)

PO	SPECIFIC CRITERIA	PROGRAM OUTCOME STATEMENT
PO1	Knowledge and Competent	Site Supervisor who is knowledgeable, competent to facilitate and fulfill his supervisory works efficiently in meeting the cost, time and quality expected from the project. <i>[Penyelia Tapak Bina yang berpengetahuan, kompeten untuk memudahcara kerja penyeliaan secara cekap bagi memenuhi kos, masa dan kualiti yang dijangkakan daripada projek]</i>
PO2	Safety, Quality	Site Supervisor who uphold the importance of safety culture in the workplace and ensuring quality deliverables from his services. <i>[Penyelia Tapak Bina yang mementingkan budaya keselamatan di tempat kerja dan memastikan kerja yang ditugaskan diselesaikan dengan berkualiti]</i>
PO3	Effective multidisciplinary team	Site Supervisor who is able to work independently yet effectively in multi-disciplinary team for construction industry excellence. <i>[Penyelia Tapak Bina yang mampu bekerja secara berdikari namun efektif dalam pasukan multi disiplin untuk kecemerlangan industri pembinaan]</i>
PO4	Reliable and Effective communication	Site Supervisor who is reliable , helpful and able to communicate effectively and contribute his skills for efficient project management. <i>[Penyelia Tapak Bina yang boleh dipercayai, membantu dan berkomunikasi dengan efektif dan menyumbangkan kemahirannya untuk pengurusan projek yang cekap]</i>
PO5	Ethic and Environemnt	Site Supervisor who applies the ethical responsibility towards society, environment and embrace the importance of sustainable development in his profession. <i>[Penyelia Tapak Bina yang mengamalkan tanggungjawab etika terhadap masyarakat, alam sekitar dan memegang kepentingan pembangunan mampan dalam kerjayanya]</i>

Jadual 2: Syarat kelayakan permohonan dan pentauliahan bagi Program Pentauliahan Eksekutif Pengurusan Fasiliti (FME) – Tahap 4

KATEGORI	KELAYAKAN MINIMA AKADEMIK	TAHUN PENGALAMAN DI DALAM BIDANG PEMBINAAN YANG BERKAITAN		
		Kaedah I(A)	Kaedah I(B)	Kaedah II (RPLE)
1	Sarjana Muda dalam bidang Pengurusan Fasiliti	2	4	5
2	Sarjana Muda dalam bidang Pembinaan	5	8	10
3	Sarjana Muda dalam bidang bukan Pembinaan	8	10	12
4	Diploma dalam bidang Pengurusan Fasiliti	5	8	10
5	Diploma dalam bidang bidang Pembinaan	8	10	12
6	Diploma dalam bidang bukan Pembinaan	10	12	15

Jadual 2a: Keberhasilan program bagi Program Pentauliahan Eksekutif Pengurusan Fasiliti (FME)

PO	SPECIFIC CRITERIA	PROGRAM OUTCOME STATEMENT
PO1	Knowledgeable and Competent	Facilities Management Executive who is knowledgeable, competent to facilitate, coordinate and fulfil the FM works efficiently in meeting the budget, duration and satisfactory deliverables expected in the operation and maintenance along building life cycle operation.
PO2	Communication, Leadership and Human Resource	Facilities Management Executive who is reliable, helpful and able to communicate effectively in multi-peer organizations and contribute his skills for efficient facilities management using established leadership and strategy implementation executed by his human resource administration.
PO3	Contract and Finance	Facilities Management Executive who demonstrate the sufficient understanding of project procurement, able to admin the contract and finance principles start from initial conceptual stage through client's needs/brief to assist an effective facilities management implementation.
PO4	Safety, Quality and Legislation	Facilities Management Executive who uphold the importance of safety culture in the workplace and ensuring a quality and legitimate deliverables from his services including performing related assessment and control measures.
PO5	Teamwork, Ethical, Sustainability Environment and Project Management	Facilities Management Executive who is able to work independently yet effectively in multi-disciplinary team , delivering ethical responsibility towards the society, environment and embrace the important of sustainable operation in his profession that to be in-line with his efficient project management skills.

Jadual 3: Syarat kelayakan permohonan dan pentauliahan bagi Program Pentauliahan Pegawai Pengurusan Trafik Pembinaan (CTMO) – Tahap 4

KATEGORI	SYARAT KELAYAKAN MINIMA	TAHUN PENGALAMAN DI DALAM BIDANG PEMBINAAN YANG BERKAITAN		
		Kaedah I(A)	Kaedah I(B)	Kaedah II (RPLE)
1	Profesional berdaftar (cth : Ir., Ar., Sr.)	-	3	3
2	Sarjana dalam kejuruteraan awam/pengurusan pembinaan	3	5	5
3	Sarjana Muda dalam bidang berkaitan pembinaan	3	6	6
4	Sarjana Muda dalam bidang bukan berkaitan pembinaan	5	7	8
5	Diploma dalam bidang berkaitan pembinaan	5	8	8
6	Diploma dalam bidang bukan berkaitan pembinaan	8	10	10
7	Sijil di dalam bidang berkaitan pembinaan	10	12	12
8	Sijil Kemahiran Malaysia	10	15	15

Jadual 3a: Keberhasilan program bagi Program Pentauliahan Pegawai Pengurusan Trafik Pembinaan (CTMO)

PO	SPECIFIC CRITERIA	PROGRAM OUTCOME STATEMENT
PO1	Knowledge and Competent	Construction Traffic Management Officer who has extensive Knowledge and Competent assisting his Project Manager in analysing, evaluating, planning, scheduling, organizing, preparing TMCP drawing, implementating, monitoring, control and reporting of assigned traffic management work according to Acts, Laws, Best Industry Practices, Guidelines, Rules and Regulations and Code of Conducts.
PO2	Professional Ethics, Environment, Safety and Health	Construction Traffic Management Officer who upholds and demonstrates the importance of Professional Ethics, Environment, Safety and Health work culture at the work zones area and prioritize the sustainable approach in his management and delivering his services using established Traffic Management methodologies such as Construction Traffic Risk Management (CTRM), RSA, TIA, ERP, TMCP, MOS etc.
PO3	Contract, Records and Report	Construction Traffic Management Officer who able to contractually prepare and propose CTMCP, understand CTMP and project management documentations with ability to perform quantity take off, BQ costing estimation and preparation, contract document, CTMSR and all other records and reports , required from his services efficiently in his work zones area.
PO4	Communication, Leadership, Teamwork and Entrepreneurship	Construction Traffic Management Officer who excel in effective communication with his employer and lead the team able to translate the needs into exemplary Traffic Management services in coordinate, organize, liaise, present, obtain approvals with the internal and external stakeholders and multi-disciplinary Project Team for compliance with all needs, technical and commercial requirements including satisfactory Entrepreneurship mindset for the sustainability of his profession.
PO5	Quality, Planning, Monitoring and Control	Construction Traffic Management Officer who ensuring a Quality deliverable from his team services through the efficient Planning, Monitoring, Control and Closing activities with establishment of Traffic Management procedures using modern and effective traffic management tools for satisfactory and quality Construction Traffic Management.

Jadual 4: Syarat kelayakan permohonan dan pentauliahan bagi Program Pentauliahan Pengurus Pembinaan (CCM) – Tahap 5

KATEGORI	KELAYAKAN MINIMA AKADEMIK	TAHUN PENGALAMAN DI DALAM BIDANG PEMBINAAN YANG BERKAITAN		
		Kaedah I(A)	Kaedah I(B)	Kaedah II (RPLE)
1	Professional berdaftar (cth: Ir., Ar., Sr.)	-	3	3
2	Sarjana dalam Pengurusan Projek, Pengurusan Pembinaan dan bidang berkaitan pembinaan	3	5	5
3	Sarjana Muda dalam Pengurusan Pembinaan dan bidang berkaitan pembinaan	3	6	6
4	Sarjana Muda dalam bidang bukan berkaitan pembinaan	5	7	8
5	Diploma dalam Pengurusan Pembinaan dan bidang berkaitan pembinaan	5	8	8
6	Diploma dalam bidang bukan berkaitan pembinaan	8	10	10
7	Sijil dalam bidang berkaitan pembinaan	10	12	12
8	Sijil Kemahiran Malaysia Tahap 5 dalam bidang pembinaan	10	12	12
9	Lepasan sekolah (SPM, SRP dan lain-lain)	10	15	15

Jadual 4a: Keberhasilan program bagi Program Pentauliahan Pengurus Pembinaan (CCM)

PO	SPECIFIC CRITERIA	PROGRAM OUTCOME STATEMENT
PO1	Knowledge and Competency	Construction Manager who has extensive knowledge and competent in Malaysian Construction Management activities in implementing and accomplish to plan, coordinate, organise, monitor, control, mitigate and handover the construction project in meeting the cost, duration and quality expected from the project in a complete project life cycle activities
PO2	Tender, Contract and Sub-Contract Management	Construction Manager who carries entrepreneurship mind-set and well versed in tender, contract and sub-contract management activities and procedures in delivering high yield investment to his employer through systematic SWOT analysis and solve discrepancies or using appropriate dispute resolution strategies in accordance with the contract from date of possession until project close-out activities.
PO3	Site Mobilisation, Construction Planning and Site Office Management	Construction Manager who is independently able to manage site possession and related mobilisation activities including plan, organize, monitor and solve problems of site office and inside boundary complied to Acts, Regulations which integrate all respective local authorities' requirements, service providers, Malaysian Regulatory Bodies, Community & Other Statutory in the construction project.
PO4	Finance and Cash Flow Management	Construction Manager who demonstrates the comprehensive understanding of project management cash flow process and activities including initial, progress, interim and variation claims for effective financial control and at the same time, able to predict and forecast the cash flow pattern and execute the project's financing control along the project development until final account.
PO5	Quality Management	Construction Manager who ensures quality deliverables from his team services through efficient project planning, monitoring and control with correct establishment of construction management procedures using specific conventional techniques and modern construction management tools for satisfactory documentations records for construction Quality Assurance/Quality Control (QA/QC) implementation.

<p>PO6</p>	<p>Ethics, Safety, Health and Environmental Management</p>	<p>Construction Manager who upholds and demonstrates the importance of ethical, safety, health and environmental management work culture at the workplace and prioritizes the sustainable development approach in his construction project using appropriate Policies, Process and Plan in compliance with all statutory requirements.</p>
<p>PO7</p>	<p>Project Personnel, Team and Stakeholder Management</p>	<p>Construction Manager who excels in effective communication with his employer and team which is able to translate the work into satisfactory administration and control project delivery while leading a participation with stakeholders and across multi-disciplinary team members for efficient construction management by cultivating a positive working culture in his Construction Site.</p>
<p>PO8</p>	<p>Materials, Labour and Machineries Management</p>	<p>Construction Project Manager who evaluates a range of principles and complex construction management techniques across a wide spectrum of contractual obligations for the work of himself and others which include planning, execution and control the important parameters in construction management which is material, manpower and machinery management.</p>

Jadual 5: Syarat kelayakan permohonan dan pentauliahan bagi Program Pentauliahan Pengurus Pengurusan Fasiliti (FMM) – Tahap 5

KATEGORI	TAHAP KELAYAKAN AKADEMIK	TAHUN PENGALAMAN DI DALAM BIDANG PEMBINAAN YANG BERKAITAN (TAHUN)		
		Kaedah I(A)	Kaedah I(B)	Kaedah II (RPLE)
1	Professional berdaftar (Ir., Ar., Sr.,)	2	3	5
2	Sarjana dalam bidang Pengurusan Fasiliti	3	5	6
3	Sarjana dalam bidang berkaitan Pembinaan	3	5	6
4	Sarjana Muda dalam bidang Pengurusan Fasiliti	5	7	10
5	Sarjana Muda dalam bidang berkaitan Pembinaan	5	7	10
6	Sarjana Muda dalam bidang bukan berkaitan Pembinaan	8	10	12
7	Sijil Antarabangsa dalam bidang Pengurusan Fasiliti (contoh: BIFM(UK), IFMA)	3	6	8

Jadual 5a: Keberhasilan program bagi Program Pentauliahan Pengurus Pengurusan Fasiliti (FMM)

PO	SPECIFIC CRITERIA	PROGRAM OUTCOME STATEMENT
PO1	Knowledge and Competent	Facilities Management Manager who has extensive Knowledge and Competent in Facilities Management accomplishing to plan, coordinate, organise, monitor, control, mitigate and manage a facility in meeting the budget, duration and quality deliverables expected along building life cycle.
PO2	Professional Ethics, Environment, Safety and Health	Facilities Management Manager who upholds and demonstrates the importance of Professional Ethics, Environment, Safety and Health work culture at the facility and prioritize the sustainable approach in his management.
PO3	Operation & Maintenance and Technology Application	Facilities Management Manager who evaluating a range of Operation and Maintenance facilities management techniques across project under taking which include planning, execution and control to underpin substantial and reasonable judgmental evaluation. Adapt sustainable Technology Application in the process of operation and maintenance
PO4	Communication and FM Team	Facilities Management Manager who excel in effective communication with his employer and team member which able to translate the needs into satisfactory Project Management and leading a negotiation with stakeholders and multi-disciplinary FM Team for compliance with all needs, technical and commercial requirements.
PO5	Quality, Planning, Monitoring and Control	Facilities Management Manager who ensuring a Quality deliverable from his team services through the efficient Planning, Monitoring and Control with establishment of management procedures in risk management, proactive and reactive maintenance in predicting and forecasting followed by mitigating using specific conventional techniques and modern facilities management tools for satisfactory quality assurance.
PO6	Procurement, Finance and Budget Management	Facilities Management Manager who demonstrate the comprehensive understanding of project Procurement, Finance and Budget Management principles start from initial conceptual stage through client's needs/brief for effective procurement and in the same time, able to predict and forecast the cash flow and execute the financing control along the project delivery until closing account.

P07	Tender, Contract and Vendor Management	Facilities Management Manager who well verse in Tender, Contract and Vendor Management activities and procedures in delivering high yield investment to his employer through systematic SWOT analysis and solve discrepancies or using appropriate dispute resolution strategies in accordance with the contract.
P08	Personal Skill and Entrepreneurship Skills	Facilities Management Manager who leading an exemplary Personal Skill include self-directing lifelong learning and facilitate great worthy Entrepreneurship Skills and continuously explore and obtain related competencies for an efficient and excellence of Facility Project Management.

Jadual 6: Syarat kelayakan permohonan dan pentauliahan bagi Program Pentauliahan Pengurus Pembinaan Pembentungan (SCM) – Tahap 5

KATEGORI	TAHAP KELAYAKAN AKADEMIK	PENGALAMAN KERJA (TAHUN)
1	Professional berdaftar (cth: Ir., Ar., Sr., PhD) <i>Registered Professionals (Ir., Ar., Sr.)</i>	-
2	Sarjana di dalam Pengurusan Projek / bidang berkaitan pembinaan <i>Master in Project Management / Construction Related Courses</i>	1
3	Sarjana Muda di dalam bidang berkaitan pembinaan <i>Degree in Construction related courses</i>	3
4	Diploma di dalam bidang berkaitan pembinaan <i>Diploma in Construction related courses</i>	5
5	Sijil di dalam bidang berkaitan pembinaan <i>Certificats in Construction related courses</i>	8
6	Sijil Kemahiran Malaysia – Pengurus Pembinaan (Tahap 5) Construction Manager Level 5	3

Jadual 7: Syarat kelayakan permohonan dan pentauliahan bagi Program Pentauliahan Pengurus Projek Pembinaan (CCPM) – Tahap 6

KATEGORI	KELAYAKAN MINIMA AKADEMIK	TAHUN PENGALAMAN DI DALAM BIDANG PEMBINAAN YANG BERKAITAN		
		Kaedah I(A)	Kaedah I(B)	Kaedah II (RPLE)
1	Professional berdaftar (cth: Ir., Ar., Sr.)	-	3	5
2	Sarjana di dalam Pengurusan Projek / bidang berkaitan pembinaan	3	5	6
3	Sijil Antarabangsa di dalam Pengurusan Projek yang diiktiraf (cth: PMP (PMI), CPM (UK), CPM (IPMA), Reg.PM (AIPM), CIOB & AIB)	3	6	8
4	Sarjana Muda di dalam bidang berkaitan pembinaan	5	7	10
5	Sarjana Muda di dalam bidang bukan pembinaan	8	10	12
6	Diploma di dalam bidang berkaitan pembinaan	8	10	12
7	Diploma di dalam bidang bukan pembinaan	10	12	15
8	Sijil di dalam bidang berkaitan pembinaan	10	12	15
9	Sijil Kemahiran Malaysia – Pengurus Pembinaan (Tahap 5)	5	7	10

Jadual 7a: Keberhasilan program bagi Program Pentauliahan Pengurus Projek Pembinaan (CCPM)

PO	SPECIFIC CRITERIA	PROGRAM OUTCOME STATEMENT
PO1	Knowledge and Competency	Construction Manager who has extensive knowledge and competent in Malaysian Construction Management activities in implementing and accomplish to plan, coordinate, organise, monitor, control, mitigate and handover the construction project in meeting the cost, duration and quality expected from the project in a complete project life cycle activities
PO2	Tender, Contract and Sub-Contract Management	Construction Manager who carries entrepreneurship mind-set and well versed in tender, contract and sub-contract management activities and procedures in delivering high yield investment to his employer through systematic SWOT analysis and solve discrepancies or using appropriate dispute resolution strategies in accordance with the contract from date of possession until project close-out activities.
PO3	Site Mobilisation, Construction Planning and Site Office Management	Construction Manager who is independently able to manage site possession and related mobilisation activities including plan, organize, monitor and solve problems of site office and inside boundary complied to Acts, Regulations which integrate all respective local authorities' requirements, service providers, Malaysian Regulatory Bodies, Community & Other Statutory in the construction project.
PO4	Finance and Cash Flow Management	Construction Manager who demonstrates the comprehensive understanding of project management cash flow process and activities including initial, progress, interim and variation claims for effective financial control and at the same time, able to predict and forecast the cash flow pattern and execute the project's financing control along the project development until final account.
PO5	Quality Management	Construction Manager who ensures quality deliverables from his team services through efficient project planning, monitoring and control with correct establishment of construction management procedures using specific conventional techniques and modern construction management tools for satisfactory documentations records for construction Quality Assurance/Quality Control (QA/QC) implementation.
PO6	Ethics, Safety, Health and Environmental Management	Construction Manager who upholds and demonstrates the importance of ethical, safety, health and environmental management work culture at the workplace and prioritizes the sustainable development approach in his construction project using appropriate Policies, Process and Plan in compliance with all statutory requirements.
PO7	Project Personnel, Team and Stakeholder Management	Construction Manager who excels in effective communication with his employer and team which is able to translate the work into satisfactory administration and control project delivery while leading a participation with stakeholders and across multi-disciplinary team members for efficient construction management by cultivating a positive working culture in his Construction Site.
PO8	Materials, Labour and Machineries Management	Construction Manager who evaluates a range of principles and complex construction management techniques across a wide spectrum of contractual obligations for the work of himself and others which include planning, execution and control the important parameters in construction management which is material, manpower and machinery management.