



UniMAP-PDCE-FTKA-MJA CIDB Professional Program Construction Skills Qualification Frameworks (CSQF) ACCREDITED and APPROVED Program with Level 4 CSQF, Level 5 CSQF and Level 6 CSQF accredited by the Construction Industry Development Board (CIDB)

COMPLEMENTARY CPD AWARDED:  
CIDB CCD + MBOT CPD END OF PROGRAM

**#UNIMAP PROFESSIONAL PROGRAM FOR  
CONSTRUCTION PERSONNEL 2022:  
UNIMAP-PDCE-FTKA-MJA JOIN COLLABORATION**

TRAINING ID: MJA/UniMAP/2022/001  
<https://www.megajatiacademy.com/unimap>

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| <p><b>MEGA JATI ACADEMY<br/>SDN BHD</b></p> <p>No 62, First Floor Bandar Puteri Jaya<br/>Jalan BPJ 1/1, Seksyen 1, Sungai Petani<br/>08000, Kedah, MALAYSIA<br/>+604 424 2215 / +6017 419 3031 /<br/>academy@megajaticonsult.com</p> | <p><b>CENTRE FOR PROFESSIONAL<br/>DEVELOPMENT AND CONTINUING<br/>EDUCATION UNIMAP</b></p> <p>T6-5-01 Maju Link, Jalan Lingkaran Tengah<br/>2, Bandar Tasik Selatan, 57000<br/>Kuala Lumpur.<br/><a href="mailto:pdce@unimap.edu.my">pdce@unimap.edu.my</a></p> |
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**2022**

# #UNIMAP PROFESSIONAL PROGRAM FOR CONSTRUCTION PERSONNEL 2022: UNIMAP-PDCE-FTKA-MJA JOIN COLLABORATION

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## 1.0 INTRODUCTION

The general features and principles of CSQF are developed based on international benchmarking, including the Malaysian Qualifications Framework for the purposes of alignment and recognition. The CSQF serves as an instrument to recognise learning obtained from formal as well as informal and non-formal sources, enabling the competencies of the workforce in the industry to be identified, developed, assessed and recognised for the purpose of mobility and employability. Vested under the Act of *Lembaga Pembangunan Industri Pembinaan Malaysia* 1994 (Act 520), the CSQF serves as an important point of reference for quality assurance and accreditation of technical and vocational education and training (TVET) in the construction industry. (Source: *Construction Skills Qualification Frameworks, CIDB 2020*). This Proposal will outline the collaboration brief between the Centre for Professional Development & Continuing Education (PDCE), Faculty of Civil Engineering Technology (FTKA) University Malaysia Perlis (UniMAP) and Mega Jati Academy Sdn Bhd (MJA) in this University's Professional Courses starting from year 2021.

## 2.0 COURSE OBJECTIVES

The course is deliberately designed and structured to achieve below specific targets:

- 1) To deliver the curriculum content that approved by CIDB in line with CIDB CSQF at specific level as preparation for the participants for CIDB Assessment following Route II (Examination) packed by 7 days ONLINE (LMS) Preparation Course.
- 2) To get ready to be certified with sufficient intensive training and tutorials embedded in the training duration using Learning Management System (LMS)
- 3) To detect the knowledge gap among participants using Specific, Measurable, Attainable, Results-oriented or relevant, and Time-bound (SMART) techniques.

## 3.0 UNIMAP-PDCE-MJA COLLABORATION OBJECTIVES:

- 1) Becoming alternative TVET skills education program as for important construction personnel in the Malaysian construction industry.
- 2) Outreach to the construction personnel under the Faculty of Civil Engineering Technology linkages members through the collaboration beside existing Contractor's database through CIDB and public through UniMAP-PDCE.
- 3) With this collaboration, it is hoped that in future, international outreach can be attained with the engagement of Faculty – University and the Company in this program.

#### 4.0 COURSE DELIVERY

The course material will be in English. Delivery will be through a **learning portal using Learning Management System (LMS) for 10 – 12 months**. The learning process in terms of **WEEKLY hour's efforts** estimated about **2 to 4 hours (Professional Diploma Program)** and **4 to 6 hours for Professional Bachelor and Professional Master's program via part time inclusive of all assessment**.

**Course Duration** : 10 – 12 Months: **Weekly Efforts: 2-6 hours (Part time)**  
**Assessment Method** : **Knowledge Assessment (KA), Performance Assessment (PA), Presentation, Final Exam.**

#### 5.0 STANDARD PUBLISHED COURSE FEE:

##### PROFESSIONAL DIPLOMA (WITH SKKP CIDB LEVEL 4 (FOUR)\*:

| No | UNIVERSITY'S PROGRAM NAMING  | SKKP    | FEE (2021)  |
|----|--|---------|-------------|
| 1  | Professional Diploma Construction Site Supervision (Civil & Structure) | CSS-CNS | RM 9,800.00 |
| 2  | Professional Diploma Construction Site Supervision (Building & Arch)   | CSS-BNA | RM 9,800.00 |
| 3  | Professional Diploma Construction Site Supervision (Electrical)        | CSS-EW  | RM 9,800.00 |
| 4  | Professional Diploma Construction Site Supervision (Mechanical)        | CSS-MW  | RM 9,800.00 |
| 5  | Professional Diploma Facility Management                               | FME     | RM 9,800.00 |
| 6  | Professional Diploma Construction Traffic Management                   | CTMO    | RM 9,800.00 |

##### PROFESSIONAL BACHELOR LEVEL (WITH SKKP CIDB LEVEL 5 (FIVE)\*:

| No | UNIVERSITY'S PROGRAM NAMING                                       | SKKP  | FEE (2021)   |
|----|---|-------|--------------|
| 1  | Professional Bachelor Construction Management (Civil & Structure) | CCM   | RM 13,800.00 |
| 2  | Professional Bachelor Construction Management (Mechanical)        | CCM-M | RM 13,800.00 |
| 3  | Professional Bachelor Construction Management (Electrical)        | CCM-E | RM 13,800.00 |
| 4  | Professional Bachelor in Facility Management                      | FMM   | RM 13,800.00 |

##### PROFESSIONAL MASTER LEVEL (WITH SKKP CIDB LEVEL 6 (SIX)\*:

| No | UNIVERSITY'S PROGRAM NAMING   | SKKP     | FEE (2021)   |
|----|---|----------|--------------|
| 1  | Professional Masters in Construction Project Management                 | CCPM     | RM 19,800.00 |
| 2  | Professional Masters in Facility Management (General Building)          | FMPM-GB  | RM 19,800.00 |
| 3  | Professional Masters in Facility Management (Healthcare Services)       | FMPM-HC  | RM 19,800.00 |
| 4  | Professional Masters in Facility Management (Water Services)            | FMPM-WS  | RM 19,800.00 |
| 5  | Professional Masters in Facility Management (Road & Highway)            | FMPM-RH  | RM 19,800.00 |
| 6  | Professional Masters in Facility Management (Railway Assets Management) | FMPM-RW  | RM 19,800.00 |
| 7  | Professional Masters in Facility Management (Energy, Oil & Gas)         | FMPM-EOG | RM 19,800.00 |
| 8  | Professional Masters in Facility Management (Airport & Ground Services) | FMPM-AGS | RM 19,800.00 |
| 9  | Professional Masters in Facility Management (Port & Harbour)            | FMPM-PH  | RM 19,800.00 |

At least 20 CPDs will be awarded from CIDB CCD and MBOT CPD which are complementary for all participants. CPD will be awarded after completion the course.

## 6.0 REGISTRATION AND PAYMENT PROCESS

- 6.1) All registration will be channeled to [www.megajatiacademy.com/unimap](http://www.megajatiacademy.com/unimap) website and all information about the program is stated in the page.
- 6.2) Participant will be added into MJA's ONLINE Learning Platform (Learning Management System, LMS) and all learning materials will be uploaded there. Teaching & Learning will be taking place for consecutive 10 – 12 months after the registration. The time table is given in the website.
- 6.3) CIDB Examination will be conducted directly by CIDB Malaysia according to CIDB'S practices.
- 6.4) Official Results will be issued by CIDB about 6-12 months after the examination.
- 6.5) Issuance of shared certificates (UNIMAP-PDCE-FTKA-MJA) along with this collaboration will be practiced. The sample of the certificate is shown in attachment.
- 6.7) The Certificate will be fixed with a QR Code that linked to the OFFICIAL PARTICIPANTS LIST issued by MJA that will be published in the website. This is to enable cross-checking name list in the issue of discrepancies in future, The name list will be published for about 2 years from the date of event.
- 6.8) All payments shall be made directly to the University with below options:

Cash Payment / Transfer  
HRDCorp Claim  
KWSP Account II Withdrawal  
Perbadanan Tabung Pembangunan Kemahiran (PTPK) Loan

For any enquiry, please contact:

Hjh Azmah: +6012 213 9313 (UniMAP)  
En Jamal: +019 330 9496 (Operations)  
Mdm Z: +6017 419 3031 (MJA)

## 7.0 COURSE OUTLINE

|                           |  |                     |                  |                             |
|---------------------------|--|---------------------|------------------|-----------------------------|
| <b>COURSE</b>             | <b>#UNIMAP PROFESSIONAL PROGRAM FOR CONSTRUCTION PERSONNEL 2022: UNIMAP-PDCE-FTKA-MJA JOIN COLLABORATION</b>                                   |                     |                  |                             |
| <b>DURATION REQUIRED</b>  | 10 – 12 MONTHS   | <b>EFFORTS HOUR</b> | 2-6 HOURS / WEEK | EST 20 HRS TOTAL ASSESSMENT |
| <b>METHOD OF LEARNING</b> | LEARNING PORTAL, SELF LEARNING, DISCUSSION, GROUP WORKS, QUIZ, PRESENTATION, KNOWLEDGE ASSESSMENT (KA), PERFORMANCE ASSESSMENT (PA), CIDB EXAM |                     |                  |                             |
| <b>CPD AWARDED</b>        | <b>AT LEAST CIDB 20 CCD / 20 MBOT CPD</b>  |                     |                  |                             |

- APENDICES:**
- 1) PROGRAM CURRICULUM STRUCTURE**
  - 2) CIDB SAMPLE CERTIFICATE**
  - 3) CIDB SAMPLE TRANSCRIPT**
  - 4) SAMPLE OF CERTIFICATE OF COMPLETION**

## 6.0 PROGRAM DIRECTOR



**Adj. Prof. Ir. Dr. Muhammad Arkam Bin Che Munaaim** is a PEPC since 2005 and a MIEM in 2004. He is a Registered Electrical Energy Manager (REEM) with Suruhanjaya Tenaga Malaysia (ST) and a Certified Construction Project Manager (CCPM) of Construction Industry Development Board Malaysia (CIDB). He obtained his PhD in Energy Conservation from USM (2014), Master of Science in Building Technology USM (2010), where previously in year 2000 obtained his B. Eng. (Hons) in Electrical Engineering from UTM Skudai, Johor, Malaysia. His area of working includes renewable energy (solar, mini hydro), mechanical & electrical building services, project management and engineering education training provider and advisor.

He secures about 20 both local and international affiliates and memberships including from the Board of Engineers (BEM), Institution of Engineers Malaysia (IEM), Institute of Engineering and Technology (IET), Institution Electrical & Electronics Engineers (IEEE), ASEAN Engineers Register (ASEAN Eng), ASEAN Chartered Professional Engineer (ACPE), Asia-Pacific Economic Cooperation Engineer (APEC Eng), EMF International PE (IntPE), Malaysia Green Building Confederation (MGBC), SPAN Qualified Person (Water & Sanitary) (SPANQP), Malaysian Water Association (MWA), Malaysian Society for Engineering & Technology (MySET), Malaysian Invention & Design Society (MINDS), Malaysian Energy Professional Association (MEPA) and Members of the Association of Consulting Engineers Malaysia (ACEM). He is currently the Chief Executive Officer of Mega Jati Academy Sdn Bhd ([www.megajatiacademy.com](http://www.megajatiacademy.com)) and Director of Mega Jati Consult Sdn Bhd ([www.megajaticonsult.com](http://www.megajaticonsult.com))

*\*Program Director is responsible to prepare the Course Outline, syllabus and appointment of the Speaker/s, Program Director is not necessarily the Speaker for the Course.*



**CIDB FACILITY MANAGEMENT COMPETENT PERSONNEL PROGRAM FOR 2021**

|   | F01                                 | F02  |  |  |   |  |  |  |  |
|---|-------------------------------------|--|--|--|---|--|--|--|--|
| FM SECTOR NAMING  | GENERAL BUILDINGS                   | HEALTHCARE SERVICES  | WATER SERVICES                               | ROAD & HIGHWAY   | RAILWAY ASSETS MANAGEMENT                               | ENERGY, OIL & GAS                                  | AVIATION & AIRPORT SERVICES                            | PORT & HARBOUR   |  |
| ACRONYM / FM SPECIALIST MODULE  | GB                                  | HC   | WS   | RH   | RW  | EOG  | AGS  | PH   |  |
| <b>FM SPECIALIST AREA 2021 (MAXIMUM 10 DAYS)</b>  | SM-6                                | Recreational, Sport, Theme Park & Resort                           | Healthcare Energy Management Services        | Sludge Disposal And Discharge Operation                      | Material, Plant & Machineries Management                | Signalling & Communication                         | Sustainable Energy Management                          | General Aviation, Maintenance and Repair & Overhaul                  | Mechanical & Electrical Infrastructure In Port & Harbour       |
|   | SM-5                                | Large Factories  | Sustainability Facilities Management         | Water & Wastewater Instrumentation Management                | Maintenance For Slope & Retaining Structures Works      | Rolling Stock Maintenance                          | Brownfield Projects and O&M Facilities                 | Free Zones & Aviation Industrial Park                                | Container & Cargo Handling Machineries And Equipments          |
|   | SM-4                                | Township & Mixed Development                                       | Operational Services Management              | Wastewater Treatment Plant Operation                         | Pavement Rehabilitation                                 | Rail Electrification System                        | Procurement and Contract                               | Cargo Handling Facilities & Infrastructures                          | Warehouses, Storage Yards, Depot & Container Blocks            |
|   | SM-3                                | Stratum Development  | Technical Services Management                | Water Distribution Operation                                 | Routine Maintenance                                     | Train, Station & Control Centre Operation          | Safety and Security Requirement                        | Passenger Handling Facilities & Infrastructures                      | Wharves, Berthing & Mooring Facilities And Floating Structures |
|   | SM-2                                | Strata Commercial Buildings  | Healthcare Legislation & Regulation          | Water Treatment Plant Operation                              | Traffic Safety Operation                                | Permanent Way                                      | Registration, Relevant Authorities, Codes and Standard | Airport Operations & Administration                                  | Coastal Protective Structure & Dredging Works                  |
|   | SM-1                                | Strata Residential Buildings                                       | Facilities Management In Healthcare Industry | Introduction to FM in Water Services                         | Classifications, Geometric Design & Administration Body | Facilities Management In Railway Industry          | Introduction to Energy, Oil and Gas Industries         | Introduction to Facilities Management In Airport and Ground Services | Facilities Management In Port & Harbour Infrastructure         |
| <b>FME (LEVEL 4) / FMM (LEVEL 5) / FMPM (CSQF APPROVED) - WILL BE REQUIRED TO TOP-UP ANY ONE (1) SPECIALISATION SECTOR (FROM THE ABOVE) ACCORDING TO THE SECTOR HE/SHE IS WORKING FOR SPECIALISED FACILITY MANAGEMENT CERTIFICATE</b> |                                     |  |  |  |   |  |  |  |  |
|   |                                     | <b>FME LEVEL 4</b>   |  | <b>FMM LEVEL 5</b>   |   | <b>FMPM CSQF</b>                                   |  |  |  |
| <b>FM STANDARD CSQF 2021 (12/20 DAYS)</b>   | M-14                                |  |  |  |   | PROFESSIONAL ETHICS & ENTREPRENEURSHIP             |  |  |  |
|   | M-13                                |  |  | ENVIRONMENTAL SUSTAINABILITY - 2 DAYS                        |   | SUSTAINABILITY & ENVIRONMENTAL MANAGEMENT - 2 DAYS |  |  |  |
|   | M-12                                |  |  | FACILITY ENERGY MANAGEMENT - 2 DAYS                          |   | DESIGN DEVELOPMENT & AUTHORITY LIAISON             |  |  |  |
|   | M-11                                |  |  | RISK MANAGEMENT  |   | SAFETY, HEALTH MANAGEMENT - 2 DAYS                 |  |  |  |
|   | M-10                                |  |  | TECHNOLOGY & AUTOMATION MANAGEMENT - 2DAYS                   |   | DISPUTE RESOLUTION                                 |  |  |  |
|   | M-09                                | FM MONITORING AND CONTROL - 2 DAYS                                 |  | PROJECT MANAGEMENT - 2 DAYS                                  |   | QUALITY MANAGEMENT & CONTROL                       |  |  |  |
|   | M-08                                | ROLES & RESPONSIBILITY OF PROJECT TEAM AND STRATEGY IMPLEMENTATION |  | ROLES & RESPONSIBILITY OR PROJECT TEAM AND STRATEGY PLANNING |   | TENDER, CONTRACT & VALUE MANAGEMENT - 2 DAYS       |  |  |  |
|   | M-07                                | RESOURCES ADMINISTRATION   |  | HUMAN RESOURCE MANAGEMENT                                    |   | PROCUREMENT MANAGEMENT                             |  |  |  |
|   | M-06                                | SAFETY, HEALTH, ENVIRONMENT AND-QMS & PROFESSIONAL ETHICS - 2 DAYS |  | SAFETY, HEALTH AND QMS & PROFESSIONAL ETHICS - 2 DAYS        |   | PROJECT PLANNING, MONITORING & CONTROL - 2 DAYS    |  |  |  |
|   | M-05                                | EVENT MANAGEMENT & EMERGENCY RESPONSE                              |  | EVENT MANAGEMENT & EMERGENCY RESPONSE                        |   | RISK MANAGEMENT                                    |  |  |  |
|   | M-04                                | CONTRACT & FINANCE ADMINISTRATION                                  |  | CONTRACT, FINANCE & BUSINESS - 2 DAYS                        |   | PROJECT FINANCIAL MANAGEMENT - 2 DAYS              |  |  |  |
|   | M-03                                | COMMUNICATION, LIAISON & ENTREPRENEURSHIP                          |  | COMMUNICATION, LIAISON & ENTREPRENEURSHIP                    |   | PROJECT PEOPLE AND STAKEHOLDERS MANAGEMENT         |  |  |  |
|   | M-02                                | OPERATION & MAINTENANCE COORDINATION - 2 DAYS                      |  | OPERATION & MAINTENANCE - 2 DAYS                             |   | OPERATION & MAINTENANCE MANAGEMENT - 2 DAYS        |  |  |  |
| M-01  | INTRODUCTION TO FACILITY MANAGEMENT |  | INTRODUCTION TO FACILITY MANAGEMENT          |  | INTRODUCTION TO SENIOR FACILITY MANAGEMENT              |  |  |  |  |

**CIBD CONSTRUCTION SECTOR PERSONNEL PROGRAM FOR 2021**

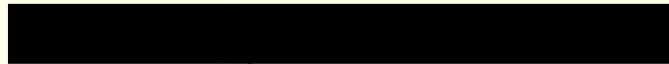
| NAMING ACRONYM / MODULE NUMBER | CONSTRUCTION TRAFFIC MANAGEMENT OFFICER L4           | CERTIFIED SITE SUPERVISOR (CSS LEVEL 4)  |                                |  |                      | CERTIFIED CONSTRUCTION MANAGER LEVEL 5               |   |                                     | CERTIFIED CONSTRUCTION PROJECT MANAGER L6    |
|--------------------------------|--|--|--------------------------------|--|----------------------|--|---|-------------------------------------|--|
|                                | CTMO   | C&S  | B&A                            | MW   | EW                   | CCM  | CCM-M   | CCM-E                               | CCPM   |
| M17                            |  |  |                                |  |                      | PROJECT HANDING OVER MANAGEMENT                      |   |                                     | PROF ETHICS & ENTREPRENSHIP                  |
| M16                            |  |  |                                |  |                      | SITE OFFICE MANAGEMENT                               | TESTING & COMMISSIONING MANAGEMENT                                |                                     | PROJECT PEOPLE & TEAM MANAGEMENT             |
| M15                            |  |  |                                |  |                      | PROFESSIONAL ETHICS & ENTREPRENEURSHIP               |   |                                     | OPERATION AND MAINTENANCE                    |
| M14                            |  |  |                                |  |                      | CONTRACT & STAKEHOLDER MANAGEMENT                    |   |                                     | PROJECT HANDOVER AND CLOSE-OUT               |
| M09 / M13                      |  |  |                                |  |                      | PLANT & MACHINERIES MANAGEMENT                       | MECHANICAL & ELECTRICAL RESOURCES MANAGEMENT                      |                                     | RISK MANAGEMENT                              |
| M08 / M12                      |  | POST CONSTRUCTION  |                                |  |                      | SUBCONTRACTORS MANAGEMENT                            | MECH INFRA SERVICES   | ELEC INFRA SERVICES                 | DISPUTE RESOLUTION                           |
| M07 / M11                      | ROLES & RESPONSIBILITY OF PROJECT TEAM & PROF ETHICS | PROJECT MONITORING, CONTROL AND CLAIMS   |                                |  |                      | CONSTRUCTION LABOUR MANAGEMENT                       | OTHER MECH SERVICES TECHNOLOGY                                    | TELECOM AND ICT MANAGEMENT          | VALUE, TENDER & CONTRACT MANAGEMENT          |
| M06-5 / M10                    | COMMUNICATION LIAISON & ENTREPRENEURSHIP             | C&S PROJECT SUPERVISION PART 5   | B&A PROJECT SUPERVISION PART 5 | PROJECT COORDINATION CURRENT TECHNOLOGIES AND SUSTAINABILITY |                      | CONSTRUCTION MATERIALS MANAGEMENT                    | TRANSPORTATION IN BUILDING  | ELECTRICAL GROUNDING PROTECTION     | SUSTAINABILITY & ENVIRONMENTAL MANAGEMENT    |
| M06-4 / M09                    | EMERGENCY RESPONSE PLAN (ERP)                        | C&S PROJECT SUPERVISION PART 4   | B&A PROJECT SUPERVISION PART 4 | MECHANICAL INFRA   | ELECTRICAL INFRA     | PROJECT PERSONNEL/STAFF MANAGEMENT                   | WATER SUPPLY AND SANITARY   | HIGH VOLTAGE ELECTRICAL ENGINEERING | HEALTH & SAFETY MANAGEMENT                   |
| M06-3 / M08                    | REPORT   | C&S PROJECT SUPERVISION PART 3   | B&A PROJECT SUPERVISION PART 3 | MECHANICAL BUILDING SERVICES P3                              | ELECTRICAL BS PART 3 | ENVIRONMENTAL PROTECTION MANAGEMENT                  | FIRE PROTECTION SYSTEM  | LOW VOLTAGE ELECTRICAL ENGINEERING  | QUALITY MANAGEMENT                           |
| M06-2 / M07                    | ASSESSMENT AND STATISTICS                            | C&S PROJECT SUPERVISION PART 2   | B&A PROJECT SUPERVISION PART 2 | MECHANICAL BS PART 2   | ELECTRICAL BS PART 2 | SAFETY & HEALTH MANAGEMENT                           | AIR CONDITIONING & VENTILATION                                    | EXTRA LOW VOLTAGE                   | DESIGN DEVELOPMENT & AUTHORITY LIAISON       |
| M06-1 / M06                    | MONITORING AND CONTROL                               | C&S PROJECT SUPERVISION PART 1   | B&A PROJECT SUPERVISION PART 1 | MECHANICAL BS PART 1   | ELECTRICAL BS PART 1 | CONSTRUCTION QUALITY MANAGEMENT                      | CONSTRUCTION QUALITY, SAFETY, HEALTH AND ENVIRONMENTAL MANAGEMENT |                                     | PROJECT FINANCIAL MANAGEMENT                 |
| M05                            | CTM CONTROL SYSTEM                                   | SITE ADMINISTRATION, HEALTH, SAFETY, ENVIRONMENT AND QMS & PROFESSIONAL ETHICS |                                |  |                      | CASH FLOW MANAGEMENT                                 |   |                                     | PROJECT PLAN, MONITORING & CONTROL           |
| M04                            | METHOD OF STATEMENT                                  | SITE MOBILISATION AND PREPARATION  |                                |  |                      | CONSTRUCTION PLANNING & IMPLEMENTATION               |   |                                     | PROCUREMENT MANAGEMENT                       |
| M03                            | CTM CONTROL PLAN & ORGANIZE RESOURCES                | ROLES AND RESPONSIBILITY OF PROJECT TEAM                                       |                                |  |                      | SITE MOBILISATION MANAGEMENT                         |   |                                     | CONCEPTUAL DESIGN & PRELIM ESTIMATE          |
| M02                            | CONSTRAINED TRAFFIC MGMT PLAN                        | COMMUNICATION, LIAISON & ENTREPRENEURSHIP                                      |                                |  |                      | TENDERING MANAGEMENT                                 |   |                                     | PROJECT INITIATION & STAKEHOLDERS MANAGEMENT |
| M01                            | INTRO TO CTM OFFICER                                 | INTRODUCTION, PRELIMINARIES AND LOGISTIC PLANNING                              |                                |  |                      | FUNDAMENTALS OF CONSTRUCTION MANAGEMENT COMPETENCIES |   |                                     | FUNDAMENTAL OF PM COMPETENCY                 |





**SIJIL KOMPETENSI KEMAHIRAN PEMBINAAN**  
*Construction Skills Competency Certificate*

Dengan ini disahkan bahawa  
*This is to certify that*



Telah menjalani penilaian kompetensi dan memenuhi kehendak standard  
kompetensi dalam bidang  
*Has completed the competency assessment and fulfilled the competency standard in*

**PEGAWAI PENGURUSAN TRAFIK PEMBINAAN (TAHAP 4)**  
**CONSTRUCTION TRAFFIC MANAGEMENT OFFICER (LEVEL 4)**

Oleh/by

**LEMBAGA PEMBANGUNAN INDUSTRI PEMBINAAN MALAYSIA**  
**CONSTRUCTION INDUSTRY DEVELOPMENT BOARD (CIDB)**



A handwritten signature in black ink, appearing to be "Ahmad Asri Abdul Hamid".

**DATUK IR. AHMAD 'ASRI ABDUL HAMID**  
Ketua Eksekutif  
Lembaga Pembangunan Industri Pembinaan Malaysia  
04hb Januari 2021

No. **211609**



SAMPLE COMMON CERT UNIMAP-PDCE-FTKA-MJA



## CERTIFICATE OF COMPLETION

It is hereby certified that

**MUHAMMAD ARKAM BIN CHE MUNAAIM**  
**XXXXXX – XX – XXXX**

Has attended a course on

**#UNIMAP PROFESSIONAL PROGRAM FOR  
CONSTRUCTION PERSONNEL 2021:  
UNIMAP-PDCE-FTKA-MJA JOIN COLLABORATION**

on

**19<sup>th</sup> OCTOBER 2021 – 18<sup>TH</sup> OCTOBER 2022**  
**CIDB ASSESSMENT ON: 26<sup>th</sup> OCTOBER 2022**

**LEARNING MANAGEMENT SYSTEM PORTAL**  
**MEGA JATI ACADEMY**

Jointly organized by:

**UNIVERSITY MALAYSIA PERLIS (UniMAP)**  
**CENTRE FOR PROFESSIONAL DEVELOPMENT &  
CONTINUING EDUCATION**  
**FACULTY OF CIVIL ENGINEERING TECHNOLOGY**  
**MEGA JATI ACADEMY SDN BHD**



**CIDB 20 CCD**  
**NO: XXX-XXX-XXXX-XX**



**MBOT 20 CCD**  
**CCCC-CCC-CCCC**

CHECK YOUR ATTENDANCE:



Valid until April 2024

THIS IS A COMPUTER-GENERATED CERTIFICATE SIGNATURE IS NOT REQUIRED

#UNIMAP PROFESSIONAL PROGRAM FOR CONSTRUCTION PERSONNEL 2022:  
UNIMAP-PDCE-FTKA-MJA JOIN COLLABORATION / TRAINING ID: MJA/UniMAP/2022/001