

BOARD OF ENGINEERS MALAYSIA

**ASSESSMENT STATEMENT
FOR
ASEAN CHARTERED
PROFESSIONAL ENGINEER**

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INTRODUCTION

1. The ASEAN Mutual Recognition Arrangement (MRA) on Engineering Services

1.1 The governments of member countries of the Association of south East Asian Nations (collectively referred to as “ASEAN”, and comprising of Brunei Darussalam, the Kingdom of Cambodia, the Republic of Indonesia, Lao People’s Democratic Republic, Malaysia, The Union of Myanmar, the Republic of the Philippines, the Republic of Singapore, the Kingdom of Thailand, and the Socialist Republic of Vietnam) have agreed on the ASEAN Mutual Recognition Arrangement on Engineering Services which aims to:

- a) facilitate mobility of engineering service professionals, and
- b) exchange information in order to promote adoption of best practices on standard and qualifications.

1.2 A copy of the ASEAN Mutual Recognition Arrangement on Engineering services which was signed on 9 Dec. 2005, is available at ASEAN web site, at: <http://agreement.asean.org/media/download/20150119180933.pdf>

2. ASEAN Chartered Professional Engineer (ACPE)

2.1 Under the MRA, a professional engineer or practitioner who holds the nationality of an ASEAN Member Country and who possesses qualifications and experience that complies with the requirements specified in Part B of this Assessment Statement may apply to be placed on the ASEAN Chartered Professional Engineers Register (ACPER) and accorded the title of ASEAN Chartered Professional Engineer (ACPE).

2.2 The Professional Regulatory Authority of each participating ASEAN Country will authorise a Monitoring Committee (MC) to receive and process applications from its professional engineers or practitioners for registration as ACPE and to maintain the ASEAN Chartered Professional Engineers Register (ACPER). In the case of Malaysia, details of the Professional Regulatory Authority and Monitoring Committee are in Part A of this Assessment Statement.

3. Registered Foreign Professional Engineer (RFPE)

3.1 An ACPE who wishes to provide professional engineering services in another participating ASEAN Country shall be eligible to apply to the Professional Regulatory Authority (PRA) of a host participating ASEAN country to be registered as a Registered Foreign Professional Engineer (RPFE). A RPFE will be permitted to work in collaboration with designated Professional Engineers in the said host country, but subject to domestic law and regulations and where applicable, not making submissions to statutory authorities of the host country.

4. Privilege and obligation of a Registered Foreign Professional Engineer (RFPE)

- 4.1 A Registered Foreign Professional Engineer (RFPE) shall not be eligible to work in independent practice in the host country, unless specifically permitted by Professional Regulatory Authority (PRA) of a host participating ASEAN Country. As the PRA of a host participating ASEAN Country have statutory responsibility to register and/or license a practitioner so as to protect the health, safety, environment, and welfare of the community within its jurisdiction, it may require a RFPE seeking the right to independent practice to be subjected to some form of supplemental assessment which aims to determine the RFPE:
- a) understand the general principles behind applicable codes of practice and laws in the country;
 - b) has demonstrated a capacity to apply such principles safely efficiently; and
 - c) is familiar with other special requirements operating within the country.
- 4.2 A RFPE shall provide engineering services only in the areas of competence as may be recognized and approved by the PRA of the host participating ASEAN Country, and shall undertake assignments only in the specific discipline or disciplines in which he/she has been registered. He/she shall also be bound by:
- (a) codes of professional conduct in accordance with the policy on ethics and conduct established and enforced by the country in which he is registered as an ACPE; and
 - (b) prevailing laws and regulations of the host participating ASEAN Country in which he is permitted to works as a RFPE.

5. Purpose and operation of Assessment Statement

- 5.1 This Assessment Statement provides a framework for the assessment of professional engineers or practitioners for placement on the ASEAN Chartered Professional Engineers Register (ACPER) by Malaysia Monitoring Committee.
- 5.2 This Assessment Statement shall be reviewed and accepted by the ASEAN Chartered Professional Engineer Coordinating Committee (ACPECC) before the Malaysia Monitoring Committee is authorized to operate the ASEAN Chartered Professional Engineers Register (ACPER)

PART A: THE PROFESSIONAL REGULATORY AUTHORITY AND MONITORING COMMITTEE

6. The Board of Engineers Malaysia (BEM)

- 6.1 BEM is the Professional Regulatory Authority in Malaysia.
- 6.2 BEM is a statutory body that administers the Registration of Engineers Act 1967 (REA1967). The REA1967 (a copy is available at www.bem.org.my) is an act of Parliament that provides for the registration of Professional Engineers (PEs), Graduate Engineers, Engineering Technologists and Inspectors of Works; regulates the qualifications and conduct of professional engineers and regulates corporations which supply professional engineering services in Malaysia.
- 6.3 BEM has appointed and authorized the National Monitoring Committee (NMC) pursuant to Article 4.2.2 and item 1.2 of Appendix II of the MRA, as the competent and responsible body to exercise the function to assess and certify.

7. The Monitoring Committee in Malaysia

- 7.1 The Malaysia Monitoring Committee (MC) is established by BEM as a competent body to exercise the functions, on behalf of the BEM to develop, process and maintain an ASEAN Chartered Professional Engineers Register (ACPER) in Malaysia.
- 7.2 The MC comprises of the Chairman of the Committee who is a Board Member and members who are appointed by the BEM. The composition of MC are in **ANNEX I**.

8. Roles of the monitoring Committee (MC)

- 8.1 In assessing compliance with the qualifications and experience set out in the ASEAN MRA on Engineering Services for registration as an ACPE, the MC shall adhere to the criteria and procedures in this Assessment Statement.
- 8.2 The MC shall also undertake to ensure that all ACPE on its ACPER:
 - (a) comply fully with the requirements specified in the MRA; and
 - (b) provide evidence when apply for renewal of their registration that they have complied with the Continuing Professional Development (CPD) at a level prescribed in this Assessment Statement.

9. Authorisation to work as Registered Foreign Professional Engineer (RFPE)

- 9.1 Application by an ACPE from another participating ASEAN Country to work as a RFPE in Malaysia shall be made to the BEM. Upon acceptance and payment of a prescribed fee, the RFPE will be permitted by BEM to work in collaboration with designated local Professional Engineer. The RFPE will not be eligible to work in independent practice to certify engineering works which is required by any written law to be signed by a professional engineer or qualified person for the purposes of submission to regulatory authorities unless he is registered as a professional engineer in accordance with the REA.

PART B: ASSESSMENT MECHANISM

10. Requirements for registration as ASEAN Chartered Professional Engineer (ACPE)

- 10.1 A professional engineer or practitioner who meets the following qualifications, practical experience and conditions is eligible for registration as an ACPE:
- (a) completed an accredited or recognized engineering programme;
 - (b) is a registered Professional Engineer with BEM;
 - (c) possesses a minimum of seven years of practical experience since graduation;
 - (d) has spent at least two years in responsible charge of significant engineering work;
 - (e) complied with the Continuing Professional Development (CPD) policy at a satisfactory level; and
 - (f) agrees to be bound by code of professional conduct and ethics.
- 10.2 Details of each of the above qualifications, practical experience and conditions are described in the ensuing paragraphs.
- 10.3 An application for registration as an ACPE shall be made through ACPE Online Registration System (<https://engineer.org.my>) translated from the format prescribed in ANNEX II of this Assessment Statement.

11. Completion of an accredited or recognized engineering programme

- 11.1 An applicant for registration with the MC as an ACPE must be a registered professional Engineer with the Board who has at least 7 years working experience.

12. Eligibility for Professional Practice

- 12.1 A registered professional engineer with BEM

13. Attainment of a minimum of seven years of practical experience since graduation

- 13.1 A professional engineer or practitioner is eligible for registration as an ACPE if he/she has at least 7 years of relevant practical work experience after completing the accredited or recognized engineering programme. Assessment of practical work experience shall be carried out through submission of a report describing the type, significance and level of responsibility of the practical engineering work experience attained over a period of at least 7 years since graduation.
- 13.2 The report must demonstrate that the candidate has engaged in professional practice which, directly or indirectly, calls upon his engineering knowledge, skills, experience and judgment, and has a significant influence on the technical direction of engineering projects or programmes.
- 13.3 The report on practical engineering work experience attained over a period of at least 7 years since graduation shall be submitted to the MC through ACPE Online Registration System (<https://engineer.org.my>) translated from the format prescribed in using **Form A** in **ANNEX II**.
- 13.4 The MC will arrange for the assessment to be conducted; to assess the practical engineering work experience attained over a period of at least 7 years since graduation.

14. Completion of at least 2 years in responsible charge of significant engineering work

- 14.1 A professional engineer or practitioner should have spent at least 2 years in responsible charge of significant engineering work and this period could be within the course of the practical work experience since graduation. Assessment will be carried out based on a report to be submitted by the professional engineer or practitioner to the MC.
- 14.2 Responsible charge of significant engineering work would be assessed as being equivalent to any one of the following situations:
- i) planned, designed and implemented a complete engineering project;
 - ii) undertaken a substantial part of engineering project while understanding the total project concept;
 - iii) undertaken a project that requires multi-disciplinary, complex or novel work responsibility.

15. Maintenance of Continuing Professional Development (CPD)

- 15.1 Every ACPE is required to engage in CPD to the extent that meets the prevailing norms prescribed by BEM for the renewal of registration as professional engineer as stipulated in the REA1967.
- 15.2 The objectives of BEM CPD programme is to reinforce the need for lifelong learning and to provide a framework through which professional engineers could systematically maintain and enhance competency to do a job in their area

of expertise. BEM's requirement on CPD that is applied domestically under BEM is attainment of a minimum of 25 CPD hours per year.

- 15.3 Every ACPE shall be required to submit evidence on compliance with the CPD requirement.

16. Compliance with Code of Professional Conduct and Ethics

- 16.1 All professional engineers who are registered with BEM are bound by the Professional Engineers (Code of Professional Conduct and Ethics) Rules. The MC will also require all practitioners who are registered on the ACPER to be bound by the same Code of Professional Conduct and Ethics Rules.
- 16.2 Every ACPE will be held individually accountable for his/her actions taken in their professional work. In his/her practice of engineering, he/she shall not have any record of serious violation on technical, professional or ethical standards, either in Malaysia or elsewhere.
- 16.3 Every ACPE is bound by the Code of Professional Conduct and Ethics Rules to practice only in areas which they are competent in.

17. Keeping of records for continuing mutual monitoring

- 17.1 In order to facilitate mutual monitoring, verification of operations of the procedures of participating ASEAN Member Countries and information exchange, the MC shall keep a set of all successful applications for registration on ACPER, which shall include:
- a) a copy of the report describing the practical engineering work experience attained over a period of at least 7 years since graduation;
 - b) a report describing the completion significant engineering work in which professional engineer or practitioner was in responsible charge of; and
 - c) evidence of participation in CPD programme
- 17.2 The MC will carry out annual random audits of at least 5% of the records in the ACPER to determine:
- a) declarations of participation in CPD; and
 - b) continued compliance with the conditions of registration.

PART C: REGISTRATION PROCESS

18. Guide to Application for Registration as ACPE

18.1 General

This section describes the procedures involved in application for and renewal of registration with the MC as ACPEs.

18.2 Application process

- (a) Application for registration shall be made via online through ACPE Online Registration System (<https://engineer.org.my>) translated from the format prescribed in **ANNEX II** together.
- (b) The MC will appoint an Assessment Panel to review and assess the application
- (c) Applicants will be informed of the decision by the MC in writing.
- (d) A certificate of registration will be issued to successful applicant. The term of registration shall be one time registration as long as the applicant meets the condition preceded

18.3 Assessment Panels

- (a) The MC will appoint Assessment Panels each comprising a Lead Assessor and an Assessor who is senior and experienced registered professional engineer in the appropriate discipline to review the applications and to assess suitability for registration on APEC Engineer Register. The Assessment Panels will make recommendations to the MC on whether a candidate should be placed on ACPE Register.
- (b) Assessors will be appointed based on the following criteria:
 - (i) Registered professional engineers;
 - (ii) Practicing in the same field of engineering as the candidates to be assessed; and
 - (iii) Possess more than 10 years of practical experience as registered professional engineers.

18.4 Assessment Report and Decision

- (a) Assessment Panels will prepare and submit its recommendations to the MC. The MC will check to ensure that there is no discrepancy and inadequacy in the assessment procedures. (**ANNEX III**)

18.5 Notice of the Results

The MC will inform all candidates of the results of its assessment, including providing reasons for failure where applicable.

18.6 Availability of Assessment Report

The MC will ensure that documents containing information on its assessment of applicants for registration on the ACPER will be made available when requested by the ACPECC for purposes of review as required under the MRA.

MEMBERS OF THE NATIONAL MONITORING COMMITTEE, MALAYSIA

Member:

- Chairman
 - A Board Member of Board of Engineers Malaysia
- 2 Representatives of Board of Engineer Malaysia
- 2 Representatives of Institution of Engineers Malaysia
- 2 Representatives of Association of Consulting Engineers Malaysia
- 4 Professional Engineers (Industry)

Contact point:

Registrar
Board of Engineers Malaysia
17th Floor Block F, Ibu Pejabat JKR
Jalan Sultan Salahuddin
50580 Kuala Lumpur
MALAYSIA
Tel.: 603-26912090
Fax: 603-26925017
E-mail: registrar@bem.org.my



FORM ACPE

BEM/Form/NMC/01

ANNEX II

APPLICATION FOR A PROFESSIONAL ENGINEER TO BE REGISTERED AS
ASEAN CHARTERED PROFESSIONAL ENGINEER (ACPE)

(To be completed by Applicant in BLOCK LETTERS)

PERSONAL DETAILS

Name:
Title :
Identity Card/Passport No.: Date of Birth:
PE Registration No.: Date of Registration as a PE:

Please affix
recent photo
(Passport
size)

CONTACT DETAILS

Home Address: Office Address:
.....
.....
City..... State City State
Postcode Postcode
Tel. No: Fax No.: Tel. No: Fax No.:
E-mail : E-mail :

ACADEMIC QUALIFICATIONS

First Degree/University Date of Graduation
Discipline of Engineering:
Post Graduate Degree/University..... Date of Graduation.....
Discipline of Engineering:.....

DISCIPLINES FOR REGISTRATION (select 1 preferred discipline for registration purpose)

☐ Civil ☐ Structural ☐ Geotechnical ☐ Environmental ☐ Mechanical
☒ Electrical ☐ Chemical ☐ Mining ☐ Others (Please Specify)

FORM A

No.	Date From (date/month/year) To (date/month/year)	Place	Position	Work Experience

DECLARATION

I hereby declare that:

I have had years of practical experience in engineering and have complied with Article 3 of ASEAN Mutual Recognition Arrangement (MRA) on Engineering Services.

	YES	NO
I am a Professional Engineer	** ☐	☐
I meet all the requirement as stated in Article 3 of the ASEAN Mutual Recognition Arrangement (MRA)	☐	☐
No disciplinary action have been taken against me	☐	☐
I am not a bankrupt	☐	☐

Date:
.....

(Signature)

Completed application form should be sent to:-

The Monitoring Committee
ASEAN Chartered Professional Engineer Register
c/o Board of Engineers Malaysia
17th Floor Block F, Ibu Pejabat JKR
Jalan Sultan Salahuddin
50580 Kuala Lumpur
MALAYSIA
Tel.: 03-26912090

***tick where applicable*

ARTICLE 3
RECOGNITION, QUALIFICATIONS, AND ELIGIBILITY

3.1 Qualifications to Become an ASEAN Chartered Professional Engineer (ACPE)

A Professional Engineer who possesses the following qualifications:

- 3.1.1 completed an accredited engineering degree recognised by the professional engineering accreditation body whether in the Country of Origin or Host Country or assessed and recognised as having the equivalent of such a degree;
- 3.1.2 possess a current and valid professional registration or licensing certificate to practice engineering in the Country of Origin issued either by the Professional Regulatory Authority (PRA) of the ASEAN Member Countries and in accordance with its policy on registration/licensing/certification of the practice of engineering or the Monitoring Committee pursuant to Article 4.2.2 and item 1.2 of **Appendix II** of this Arrangement;
- 3.1.3 acquired practical and diversified experience of not less than seven (7) years after graduation, at least two (2) years of which shall be in responsible charge of significant engineering work as stipulated in **Appendix IV, D - Example IV**;
- 3.1.4 in compliance with Continuing Professional Development (CPD) policy of the Country of Origin at a satisfactory level; and
- 3.1.5 obtained certification from the Professional Regulatory Authority (PRA) of the Country of Origin with no record of serious violation on technical, professional or ethical standards, local and international, for the practice of engineering.

is eligible to apply to the ASEAN Chartered Professional Engineer Coordinating Committee (ACPECC) to be registered as an ASEAN Chartered Professional Engineer (ACPE) under the ASEAN Chartered Professional Engineers Register (ACPER).

3.2 ASEAN Chartered Professional Engineer (ACPE)

A Professional Engineer who possesses the above qualifications and complies with the Guidelines on Criteria and Procedures as per **Appendix II** and satisfies the Assessment Statement as per **Appendix III**, may, upon acceptance and payment of fees, be emplaced on the ASEAN Chartered Professional Engineers Register (ACPER) and accorded the title of ASEAN Chartered Professional Engineer (ACPE). An ASEAN Chartered Professional Engineer (ACPE) shall practice engineering only in the specific discipline or disciplines in which he/she has been adjudged to be competent under this Arrangement.

3.3 Eligibility of an ASEAN Chartered Professional Engineer (ACPE) to Practice in a Host Country

- 3.3.1 An ASEAN Chartered Professional Engineer (ACPE) shall be eligible to apply to the Professional Regulatory Authority (PRA) of a Host Country to be registered as a Registered

Foreign Professional Engineer (RFPE). The applicant shall submit with his application a sworn undertaking to:

- (a) be bound by local and international codes of professional conduct in accordance with the policy on ethics and conduct established and enforced by the Country of Origin;
- (b) be bound by prevailing laws and regulations of the Host Country; and
- (c) work in collaboration with local Professional Engineers in the Host Country subject to domestic laws and regulations of the Host Country governing the practice of engineering thereto.

3.3.2 Upon approval, the successful ASEAN Chartered Professional Engineer (ACPE) applicant shall, subject to domestic laws and regulations and where applicable, not making submissions to statutory authorities of the Host Country, be permitted to work as a Registered Foreign Professional Engineer (RFPE), not in independent practice, but in collaboration with designated Professional Engineers in the Host Country, within such area of his own competency as may be recognised and approved by the Professional Regulatory Authority (PRA) of the Host Country.

(the full version of the MRA on Engineering Services may be viewed in the website ASEAN/MITI)

SUMMARY OF ASSESSMENT OF APPLICATION FOR ASEAN CHARTERED PROFESSIONAL ENGINEER REGISTRATION

Name of Applicant:

Qualification and Institution of Higher Learning:

Date of Graduation:

Date of Application as ACPE:

Date of Registration as a PE:

Registered Engineer Registration No. (Home Country):

Registered Engineer's Discipline:

ASEAN Chartered Professional Engineers Register Discipline:

Certified Compliance with ASEAN Chartered Professional Engineer Criteria:

Criteria	Compliance
Completed an accredited or recognised engineering program, or assessed recognised equivalent	
Been assessed within their own country as eligible for independent practice	
Gained a minimum of seven years practical experience since graduation	
Spent at least two years in responsible charge of significant engineering work	
Complied with the Continuing Professional Development policy of the Country of Origin at a satisfactory level	
Confirmed signature on statement of compliance with codes of ethics	

Recommended / Deferred / Not Recommended

Comments:

Signed

Officer Delegated
ASEAN Chartered Professional Engineer Monitoring Committee