Empowering Engineering Technology

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Board of Engineers Malaysia (BEM)

- A statutory body constituted under the Registration of Engineers Act 1967
- Formed on 23rd August 1972
- Primary role:
  - To facilitate the registration of Engineers, Engineering Technologists, Inspectors of Works, Sole Proprietorships, Partnerships and Bodies Corporate providing professional engineering services
  - To regulate the professional conduct and practice of registered person in order to safeguard the safety and interest of the public
Registration of Engineers Act 1967 (revised 2015)

Key changes:

- Liberalisation of engineers’ registration and practice
- Include Engineering Technologists and Technicians as part of the engineering service professionals
Requirement to register

7(2)(aa)
An Engineering Technologist who is registered with the Board may, subject to section 8, take up employment which requires him to perform Professional Engineering services."

7(2)(ab)
An Inspector of Works who is registered with the Board may, subject to section 8, take up employment which requires him to assist the Professional Engineer in the supervision of engineering works."
Qualification to register

10c(1)
A person who holds any qualification which is recognized by the Board shall be entitled on application to be registered as an Engineering Technologist.

10e
A person who holds any qualification which is recognized by the Board shall be entitled on application to be registered as an Inspector of Works.
Engineering & Technology Domain

Engineers

Research & Design

Technologists

Education

Work

Supervision & Maintenance

Strong in Mathematics, Engineering Sciences, Professional courses (Theoretical)

Appropriate Mathematics, Engineering Sciences, Professional courses (Practical)

Engineering Breadth & Depth of Curricula

Technology Breadth & Depth of Curricula
BEM Statutory Role

Professional Engineer with Practising Certificate

Professional Engineer

Accredited Checker

Professional Engineering Technologist

Engineering Consultancy Practice

Professional Engineering Technician

工程团队提供工程服务

(REA 1967, Revised 2015)

Graduate Engineer

Engineering Technologist

Inspector of Works (Engineering Technician)

EAC Accreditation K12 to 13 + 4 yr BEng

ETAC Accreditation K12 to 13 + 4 yr BET

ETAC Accreditation K11 + 3 yr DE/DET
BEM full signatories of all 3

IEM full signatories of IPEA and APEC
Accreditation Function of the BEM

4(1)(ef)
To appoint a body consisting of members from the Board, Professional Engineers and other persons as may be determined by the Board to advise the Government and the public on matters relating to engineering education, including the certification of such programmes;
Delegated body for Accreditation

• Engineering Accreditation Council (EAC)
  - Bachelor of Engineering – Washington Accord

• Engineering Technology Accreditation Council (ETAC)
  - Bachelor of Engineering Technology – Sydney Accord
  - Diploma Engineering/Engineering Technology – Dublin Accord
Implementation

• Engineering – 2003
• Engineering Technologist – 2017
• Technician - 2018
Thank You