



Empowering Engineering Technology

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Hari Profesion Teknikal Negara 2019

3 Disember 2019



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

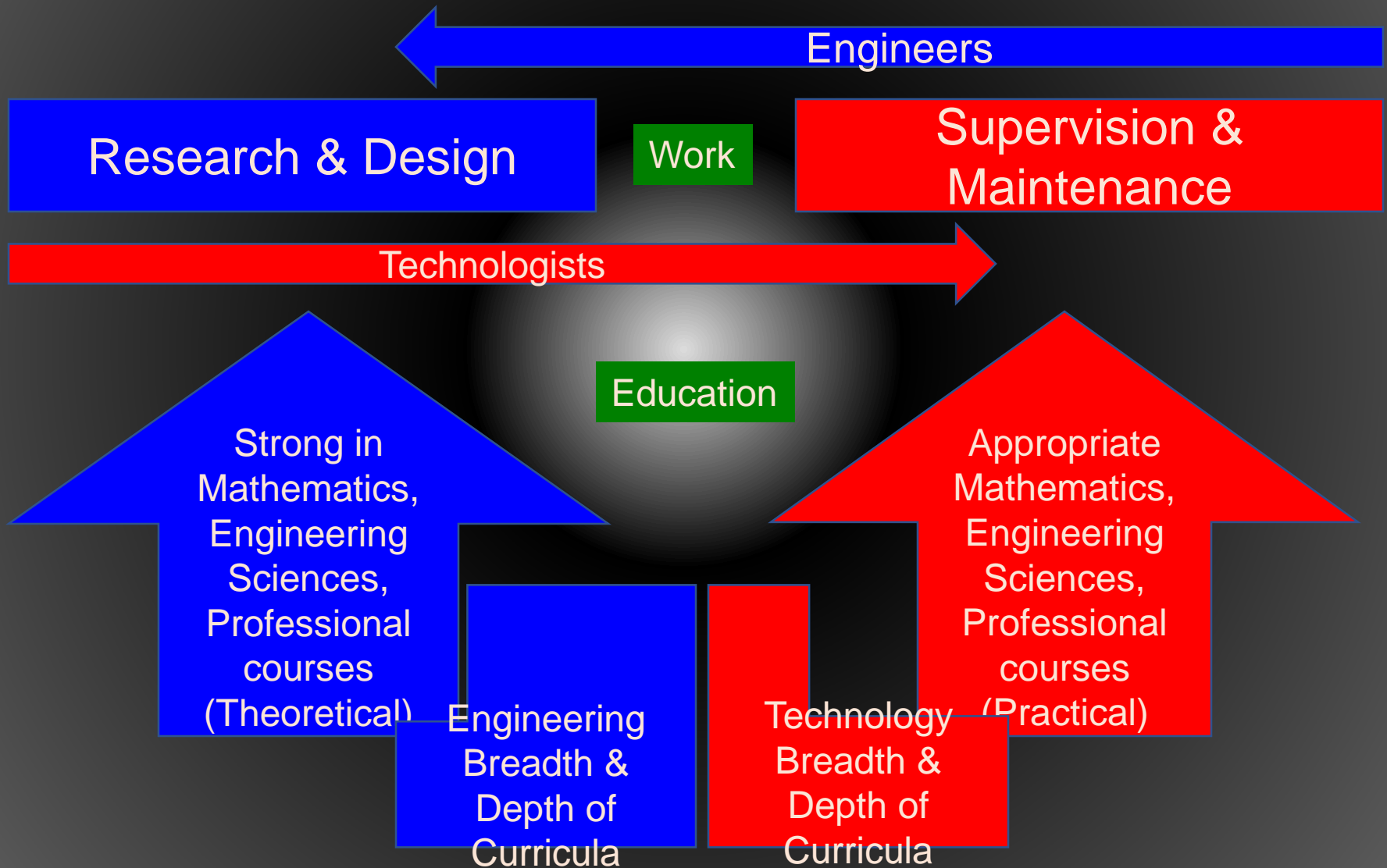
10c(1)

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

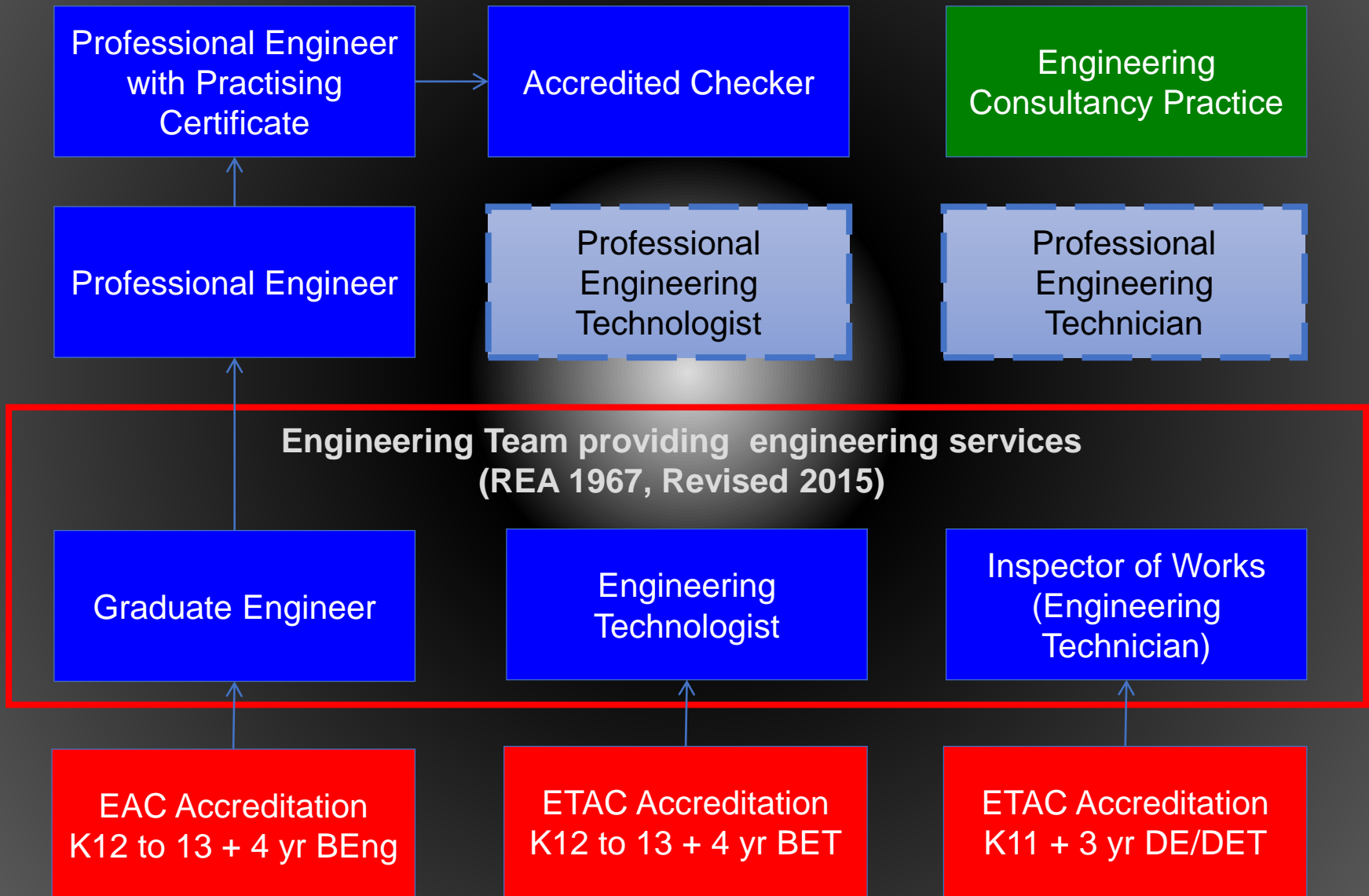
10e

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



BEM Statutory Role





INTERNATIONAL ENGINEERING ALLIANCE (IEA)

EDUCATION ACCORDS

**WASHINGTON
ACCORD**
(B.Eng)

**SYDNEY
ACCORD**
(B.Eng.Tech)

**DUBLIN
ACCORD**
(Dip Engr/Engr Tech)

BEM full signatories of all 3

PRACTICE AGREEMENTS

IPEA

International Professional Engineers Agreement
(ENGINEERS MOBILITY FORUM)

APEC ENGINEER

IETA

International Engineering Technologist Agreement
(ENGINEERING TECHNOLOGISTS MOBILITY FORUM)

AIET

Agreement For International Engineering Technicians
(ENGINEERING TECHNICIANS MOBILITY FORUM)

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

