



2 SEPTEMBER 2021

**RIGHTS AND PROFESSIONAL PRACTICE OF
TECHNOLOGISTS AND TECHNICIANS REGISTERED WITH
MALAYSIA BOARD OF TECHNOLOGISTS (MBOT)
IN PROVIDING TECHNICAL AND TECHNOLOGY SERVICES**

Malaysia Board of Technologists (MBOT) was established by the Government of Malaysia in 2015 as a professional body to register and recognize Professional Technologists and Certified Technicians. It is in line with the recommendation of the Tenth Malaysia Plan (2011-2015) which highlighted the need to establish a professional body to register and recognize professions related to technical and technology.

MBOT drives the agenda in ensuring the talent capabilities to meet the demands of the industry in accordance with the National 4IR Policy. This agenda ensures the nurturing of talent produces high-skilled, and quality workforce ensures, that talents are cultivated to meet the industry demand, not only in the early stage but to a professional level as well including registering Professional Technologists and Certified Technicians, in line with MBOT's main functions.

Technical and Technology Services Stipulated in Act 768

The establishment and functions of MBOT is governed by the Technologists and Technicians Act 2015 (Act 768). Section 16 of Act 768 specifically stipulates the function of MBOT to determine the following technical and technology services to be provided by the Professional Technologists and Certified Technicians;

- a) technical services in respect of any operation relating to product testing, product commissioning and product maintenance; and
- b) technology services in respect of any operation relating to product development, product manufacturing, product testing, product commissioning and product maintenance.

Technology and Engineering Technology Recognized by MBOT

MBOT through the Technology and Technical Accreditation Council (TTAC) acts as a Technical Committee with the Malaysian Qualifications Agency (MQA) to ensure quality assurance of technical and technology programs including engineering technology in the fields recognized by MBOT. It is in line with the functions of MBOT as stated in the Technologists and Technicians Act 2015 (Act 768) under Section 6 (2) (g).

Individuals with qualifications and experience based on technology and engineering technology has the right to register with MBOT or any professional body to provide technical and technology services.

In this regard, the rights and professional practice of the Professional Technologists and Certified Technicians registered with MBOT are guaranteed by Act 768. MBOT will, at all time, deliberately perform its roles in upholding and implementing the national policies in developing future workforce. For that purpose, MBOT is confident that it will continuously gain support and cooperation from all the relevant parties particularly policy makers, industry players as well as higher learning institutions.

Datuk Ir. Ts. Dr. Siti Hamisah Binti Tapsir
President
Malaysia Board of Technologists

TECHNICAL AND TECHNOLOGY FIELDS RECOGNIZED BY MBOT

1. Teknologi Elektrik dan Elektronik
Electrical dan Electronic Technology (EE)
2. Teknologi Maklumat dan Pengkomputeran
Information and Computing Technology (IT)
3. Teknologi Kimia
Chemical Technology (CM)
4. Teknologi Telekomunikasi dan Penyiaran
Telecommunication and Broadcasting Technology (TB)
5. Teknologi Bangunan dan Binaan
Building and Construction Technology (BC)
6. Bioteknologi
Biotechnology (BT)
7. Teknologi Berasaskan Sumber, Ukur dan Geomatik
Resource Based, Survey and Geomatics Technology (RB)
8. Teknologi Pembuatan dan Industri
Manufacturing and Industrial Technology (ME)
9. Teknologi Berasaskan Pertanian
Agro-Based Technology (AF)
10. Teknologi Pengangkutan dan Logistik
Transportation and Logistics Technology (TL)
11. Teknologi Sains Bahan
Material Science Technology (MT)
12. Teknologi Marin
Marine Technology (MR)
13. Teknologi Maritim
Maritime Technology (MI)
14. Teknologi Hijau
Green Technology (GT)
15. Teknologi Makanan
Food Technology (FT)
16. Teknologi Minyak dan Gas
Oil and Gas Technology (OG)
17. Teknologi Automotif
Automotive Technology (AT)
18. Teknologi Aeroangkasa dan Penerbangan
Aerospace and Aviation Technology (AV)
19. Nanoteknologi
Nanotechnology (NT)
20. Teknologi Nuklear dan Radiologi
Nuclear and Radiological Technology (NR)
21. Teknologi Senireka dan Multimedia Kreatif
Art Design and Creative Multimedia Technology (AM)
22. Teknologi Keselamatan Siber
Cyber Security Technology (CS)
23. Teknologi Sains Atmosfera & Alam Sekitar
Atmospheric Sciences & Environmental Technology (AC)