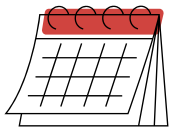


5-DAYS REGISTERED ENERGY MANAGER TRAINING COURSE TYPE 1 (REMTC -T1)

A preparation course for registration as Registered Energy Manager with
Energy Commission (ST)



12 - 16 October 2026



9.00 am - 5.00 pm



Johor Bahru

IEM CPD Ref &
Hours No:
IEM25/SB/629/C
(26 Hours)

**SAVE
ENERGY** 



HRD Corp Serial No:
Applying
Approved duration:
Applying

Registration Fee:

IEM MEMBER	RM5,040.00
NON - MEMBERS	RM5,310.00
PROFESSIONAL ENGINEERS REGISTRATION FEES	RM1,080.00



Scan to Register

*PROFESSIONAL REGISTRATION FEES IS ONLY TO SIT FOR THE ASSESSMENT.

*KINDLY NOTE THAT THE PRICE IS INCLUSIVE WITH 8% SST.



07-331 9705



iemsouthern@gmail.com

REGISTERED ENERGY MANAGER TRAINING COURSE TYPE 1 (REMTC -T1)



Overview

Our Registered Energy Manager (REM) – Type 1 Course is a comprehensive 5-day training program designed to equip professionals with the skills and knowledge to effectively manage energy resources in medium-sized facilities. The course prepares participants for REM Type 1 certification under Malaysia's Energy Efficiency and Conservation Act (EECA), targeting facilities with annual energy consumption between 21,600 GJ/year and 50,000 GJ/year.

Participants will gain expertise in energy management principles, efficiency strategies, regulatory compliance, and financial analysis of energy projects, as required by Suruhanjaya Tenaga Malaysia (ST). The program includes a certification examination, ensuring participants are fully prepared to register as Certified REM Type 1 professionals.

Ideal for facility managers, engineers, energy auditors, consultants, and policymakers, this course empowers participants to conduct energy audits, implement energy-saving measures (ESMs), and develop energy management initiatives while ensuring regulatory compliance. Join us to expand your expertise, achieve certification, and contribute to sustainable energy practices in Malaysia.

Guideline for registration as Registered Energy Manager Type 1 (REM 1) through IEMTA

1. Malaysian Citizen
2. Holds any qualification as prescribed below; -
 - a) Holds any **Degree** in Science, Engineering, Technology, or Architecture from a College, Institution or University recognized by The Commission and has **at least two (2) years of working experience.**
 - b) Holds any **Diploma** in Science, Engineering, Technology, or Architecture from a College, Institution or University recognized by The Commission and has **at least ten (10) years of working experience.**

*The term "**recognized by the commission**" refers to a degree or diploma equivalent to a degree or diploma from any public university in the fields of science, engineering, technology or architecture but not limited to certification from the following body;-

- i) Malaysian Qualification Agency (MQA);
- ii) JabatanPerkhidmatanAwam (JPA); and
- iii) Majlis Amanah Rakyat (MARA).

CRITERIA TO ENROLL AS REMTC- T1



Registered under the Registration of Engineers Act 1967 [Act 1967]

i) a Graduate Engineer or Engineering Technologist with at least two (2) years of working experience;

ii) an Inspector of Works with at least ten (10) years of working experience

iii) a Professional Engineer
** Applicable for Professional Engineer who only need to complete the assessment under the Commission or RTI

Registered under the Technologist and Technicians Act 2015 [Act 768]

i) a Graduate Technologist with at least two (2) years of working experience;

ii) a Qualified Technician who holds at least **diploma** with at least ten (10) years of working experience

iii) a Professional Technologist

Registered under the Architects Act 1967 [Act 117]

i) a Graduate Architecture with at least two (2) years of working experience;

ii) an Inspectors of Works with at least ten (10) years of working experience

iii) a Professional Architect

For more information/question, kindly email to iemsouthern@gmail.com or call us at 07-331 9705

REGISTERED ENERGY MANAGER TRAINING COURSE TYPE 1 (REMTC -T1)



The Trainers



Ir. Francis Xavier Jacob was an Advisor to the Energy Commission (ST). He graduated with a B.Eng. (Hons) in Electrical Engineering from the University of Malaya in 1977 and later earned a degree in Environment in 2007. A registered Professional Engineer with the Board of Engineers Malaysia (BEM), he has been with the Commission and the Department of Electricity and Gas Supply since 1991. He also chairs the Technical Committee on Standards for Energy Management. Additionally, he contributes to various Standards working committees.

Ir. Gopal Narian Kutty is a Registered Electric Energy Manager with the Energy Commission. He graduated with a B.Sc. (Hons) in Mechanical Engineering from the University of Strathclyde, Scotland, in 1984 and obtained an M.Sc. in Construction Project Management from UMIST, England, in 1997. He is a registered professional engineer with a practicing certificate from the Board of Engineers Malaysia (BEM) and a Fellow of The Institution of Engineers, Malaysia, as well as an ASEAN Chartered Professional Engineer (ACPE). His expertise includes project management, mechanical building services design, asset management, and energy auditing. He is also a subject matter expert in energy conservation, energy efficiency, and sustainable construction.



Ir. KT Lim graduated with a B.Eng. (Hons) in Electrical Engineering from Universiti Malaya in 1979 and earned a Master's in Electrical Science from the National University of Singapore in 1990. He is a registered professional engineer with a practicing certificate from the Board of Engineers Malaysia (BEM). Actively involved in the engineering community, he has served in various roles within IEM and other organizations. His expertise lies in Standards and Guidelines development. Additionally, he is an Industrial Advisory Member and Examination Panelist for multiple universities.

Ir. Tan Jin Kiong is a Registered Electric Energy Manager with the Energy Commission. He graduated with a B.Eng. in Mechanical Engineering from the University of Auckland in 1996 and earned an MBA from the University of Wales in 2006. He is a registered professional engineer with a practicing certificate from the Board of Engineers Malaysia (BEM). With 19 years of experience, he has expertise in facilities operation, construction projects, property and township management, and auxiliary services in both the government and private sectors. He has also held senior management roles and serves as a quality accreditation surveyor for the healthcare industry.



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REGISTERED ENERGY MANAGER TRAINING COURSE TYPE 1 (REMTC -T1)

The Trainers



Ir. Luk Chau Beng holds a Master's in Engineering Management with a specialization in Energy Management from a joint program between Universiti Tenaga Nasional, Malaysia, and HEC Montreal. He is a registered professional engineer with a practicing certificate from the Board of Engineers Malaysia (BEM) and a Fellow of The Institution of Engineers, Malaysia. Additionally, he is a registered Electrical Energy Manager. Actively involved in the engineering community, he has served in various capacities within IEM and other organizations. His contributions span energy management, engineering standards, and professional development.

Ir. Al-Khairi Mohd. Daud graduated with a B.Eng. (Hons) in Mechanical Engineering from the University of Leeds in 1992 and holds an MBA from UNITAR. He is a registered professional engineer with a practicing certificate from the Board of Engineers Malaysia (BEM) and a Registered Electrical Energy Manager with the Energy Commission (EC). With 25 years of experience, he specializes in project and maintenance management, energy consultancy, auditing, and facilities management in both the government and private sectors. He is recognized as a leading expert in energy management across various organizations. Currently, he serves as a Managing Director and a lecturer/instructor for the Ministry of Health and Suruhanjaya Tenaga.



Assoc. Prof. Dr. Gobbi Ramasamy is an Associate Professor at the Faculty of Engineering, Multimedia University (MMU), Selangor. He graduated with a B.Eng. (Hons) in Electrical Engineering from Universiti Teknologi Malaysia in 1988 and holds a Master's in Industrial and Technology Management. He also earned a Ph.D. in Electrical Engineering from Multimedia University in 2008. He is a registered Professional Engineer with the Board of Engineers Malaysia (BEM) and a Registered Electrical Energy Manager with the Energy Commission. His expertise lies in power electronics and motor drives.

Ir. Chong Chew Fan is a Registered Electric Energy Manager with the Energy Commission. He graduated in 2002 with a B.Eng. (Hons) in Electrical, Electronics, and System Engineering from Universiti Kebangsaan Malaysia. He is a registered professional engineer with a practicing certificate from the Board of Engineers Malaysia (BEM). He specializes in engineering proposals, planning, design, tender evaluation, contract documentation and administration, and project management. Additionally, he has expertise in green building sustainable design and development.



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Course Outline

MONDAY

- Legislation in Malaysia

TUESDAY

- Energy scenario, energy policies, standards and incentives
- Fundamentals as Energy Manager (Safety)
- Common Energy saving measure 1

WEDNESDAY

- Energy management system (EnMS)
- Energy saving measure for mechanical

THURSDAY

- Fundamentals as Energy Manager (Technical)
- Fundamentals as Energy Manager (Financial)
- Energy Audit

FRIDAY ASSESSMENT

- Theoretical Test
- Individual Project Presentation
- EECA 2024 Interview

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