

# Industrial Energy Management System (Operation & Maintenance)

## Trainer

**Haji Rozali bin Ayed** is a training consultant with over 40 years of experience in the electrical and mechanical engineering services. He began his career as an Electrical Apprentice and Chargeman in Malayan Tin Dredging Ltd. Later on, he worked with Gula Perak Berhad (as Senior Chargeman / Chargehand), Jabatan Kerja Raya Malaysia (as Senior Chargeman, Senior Technician, Electrical Foreman and Assistant Engineer), Yakiniaga (M) Sdn Bhd (as a Project Manager), Isometric Innovations Sdn Bhd (as Head of Electrical Department and Project Director) and Powercool M&E Sdn Bhd (as Technical Manager). With his vast experience in electrical and mechanical engineering services, he was invited to be a Consultant/Trainer/Lecturer for several engineering and technical training institutions such as IKRAM, Universiti Sains Islam Malaysia, Putrajaya Corporation, Institut Teknologi Petroleum Petronas (INSTEP) and Community Colleges, Ministry of Higher Education Malaysia. Tuan Haji Rozali is a Competent Personnel and has obtained Competency Certifications awarded by Suruhanjaya Tenaga Malaysia as “Supervisor in Electrical Engineering”, “Chargeman Category B4 - 33KV” and “Wireman Category PW4 with Three-Phase Testing and Endorsement”. He is currently appointed as “External Verification Officer (EVO) for Skills Certificate of Malaysia (SKM) by Department of Skills Department, Ministry of Human Resource Malaysia.

Organized by:



**FMM Institute**  
Sabah Representative Office  
No. 143, 1<sup>st</sup> Floor, Block Q  
Alamesra Plaza Permai  
Sulaman Coastal Highway  
88400 Kota Kinabalu, Sabah

## Contents

- **Definition of energy management**
- **Awareness of energy management**
- **Six Key Concepts of Energy Management System**
- **Provision of Resources**
- **Work Control Cycle**
- **Implementation of Energy Management System based on the concept of Plan, Do, Check, Act**
- **Typical Practical Energy Management, Operation and Maintenance for Buildings – industrial, commercial, education etc.**

## Objectives

- ☑ Consumed of energy is becoming more costly and environmentally damaging.
- ☑ The era of low cost energy is over in many other countries of the world.
- ☑ Reduce energy consumption will result in reduction of cost and promote green environment.
- ☑ Upgrade role of energy efficiency as recommended by the power supply utility (TNB).
- ☑ Benefits of a systematic approach to energy management.

**SBL Scheme  
Claimable**

## Who Should Attend

Personnel who are directly or indirectly involve in the management, operation and maintenance of building (industrial, commercial, education etc.)

**IN-HOUSE TRAINING AVAILABLE!**

## Administrative Details

### Registration :

- Completed Registration Form that is Faxed or Mailed to FMM Institute would be deemed as confirmed.

### Payment:

- Cheque made in favour of **FMM Institute** should be forwarded to the FMM Sabah Representative Office.

**Closing Date: 12 August 2013**

### Cancellation and Refunds:

- Must be in writing with reasons
- 7 days before the course -100% refund
- 3-6 days before the course - 50% refund
- < 3 days before the course - No refund
- Replacement can be accepted at no additional cost.

Those who register but fail to turn up for the programme will be billed accordingly. FMM Institute reserves the right to cancel, reschedule or change the facilitator of the above course and all efforts will be taken to inform participants of the changes.

**Date : September 2-3, 2013 (Mon & Tue)**

**Time : 8.30am – 4.30pm**

**Venue : FMM Institute**

Sabah Representative Office. Lot 143  
1<sup>st</sup> Floor, Block Q, Lrg Plaza Permai 1  
Alamesra Plaza Permai  
88400 Kota Kinabalu

### Course Fees:

**Members: RM650.00 per pax**

**Other: RM850.00 per pax**

*(Fees include course materials, Certificate of Attendance, lunch and refreshments)*

For further enquiries, please contact: Nelly/Florisa

**Tel : 088-447580 Fax : 088-447570**

**E-mail : [fmmSabah@fmm.org.my](mailto:fmmSabah@fmm.org.my) /  
[nelly@fmm.org.my](mailto:nelly@fmm.org.my)**

## Industrial Energy Management System (Operation & Maintenance) September 2-3, 2013

### - Registration Form -

Dear Sir,

Please register the following participant(s) for the above programme

1 Name : \_\_\_\_\_  
Designation : \_\_\_\_\_  
Nationality : \_\_\_\_\_  
I/C No : \_\_\_\_\_

2 Name : \_\_\_\_\_  
Designation : \_\_\_\_\_  
Nationality : \_\_\_\_\_  
I/C No : \_\_\_\_\_

### Submitted by:

Name : \_\_\_\_\_  
Designation : \_\_\_\_\_  
Company : \_\_\_\_\_  
Address : \_\_\_\_\_

Email : \_\_\_\_\_  
Tel no : \_\_\_\_\_  
Fax no : \_\_\_\_\_

*(if space is insufficient, please attach a separate list)*