

TALK ON MS ISO 50001: ENERGY MANAGEMENT SYSTEMS — REQUIREMENTS WITH GUIDANCE FOR USE

(Organised by Electrical Engineering, Technical Division, IEM)

Date : 28th April 2018 (Saturday)
Time : 9.00am – 11.00am (Refreshments will be served at 8.30am)
Venue : Tan Sri Prof, Chin Fung Kee Auditorium Wisma IEM, Petaling Jaya
Speaker : Ir. Francis Xavier Jacob

SYNOPSIS

The MS ISO 50001, based on the international standard ISO 50001, was established to enable organisations to establish the systems and processes necessary to improve energy performance, including energy efficiency and intensity. Using energy efficiently helps organisations to save money as well as helping to conserve resources and tackle climate change. The standard supports organisations in all sectors to use energy more efficiently, through the development of an energy management system (EnMS). The standard is based on the management system model of continual improvement also used for other well-known standards such as ISO 9001 (Quality Management) or ISO 14001 (Environmental Management). This makes it easier for organisations to integrate energy management into their overall efforts to improve quality and environmental management. The standard provides a framework of requirements for organizations to:

- Develop a policy for more efficient use of energy
- Fix targets and objectives to meet the policy
- Use data to better understand and make decisions about energy use
- Measure the results
- Review how well the policy works, and
- Continually improve energy management.

The talk will cover: -

- Background & Introduction
- Scope & Definitions
- Energy Management System Requirements
- Implementation and Operation
- Why isn't industry more energy efficient
- Overall Goal
- Barriers to Improve EE

SPEAKERS' BIODATA

Ir. Francis Xavier Jacob was, until recently, a Senior Analyst with the Energy Commission, Malaysia. He was previously the Director of Energy Management and Industrial Development in the Energy Commission, Malaysia. He had been with the Commission and the then Department of Electricity and Gas Supply since 1991. The Commission, among others, regulates the electricity and piped gas industries in Malaysia. Prior to this, he was with the Public Works Department Malaysia, where he was involved with the design and project management of public electrical installations. He was also, for some time, involved with the maintenance aspects of these installations. He is the Chairman of the Technical Committee on the Standards for Energy Management and also sits in various standards working committees. Francis Xavier Jacob graduated in 1977 with a Bachelors of Engineering degree from the University of Malaya and also holds a Master's degree in Environment. He is a Professional Engineer and is a member of the Institute of Engineers Malaysia.

Ir. Chong Chew Fan
Chairman
Electrical Engineering Technical Division

BEM Approved CPD/PDP Hours: 2
Ref. No. : IEM18/HQ/153/T

FEES ANNOUNCEMENT

(Effective: 1st October 2017)

Members:

- (i) Registration Fee: No Charge
- (ii) Administrative Fee:
 - (a) Online RM15
 - (b) Walk-In RM20

Non-Members:

- (i) Registration Fee: RM50
- (ii) Administrative Fee: RM20

- Limited seats are available on a "first come first served" basis (maximum 100 participants).
- To secure your seat, kindly register online at www.myiem.org.my

Personal Data Protection Act:

I have read and understood IEM's Personal Data Protection Notice published on IEM's website at www.myiem.org.my and I agree to IEM's use and processing of my personal data.

CPD Hours Validation:

Name:

Membership No.:

Signature: