



THE INSTITUTION OF ENGINEERS, MALAYSIA

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TALK ON ENERGY MANAGEMENT GOLD STANDARD FOR SUSTAINABILITY IN ENERGY MANAGEMENT

(Organized by Oil, Gas and Mining Technical Division, IEM)

DATE : 12 FEBRUARY 2011 (SATURDAY)
TIME : 9.30 AM TO 11.30 AM (Refreshment will be served at 9.00 am.)
VENUE : TUS ROOM, 2ND FLOOR, WISMA IEM, PETALING JAYA
SPEAKER : IR. AL-KHAIRI MOHD DAUD

BEM Approved
CPD/PDP HOURS: 2
Ref No: IEM 11/HQ/023 /T

Today's global challenge is meeting energy demand in a sustainable way. Access to clean, secure and efficient energy supply has been increasingly important and is a central concern for policy maker. Effective use of energy could bring about a three-fold impact :- improving energy security, reducing energy cost and minimizing adverse environmental impacts due to energy consumption. For business operating in highly competitive global environment, there are pressing needs to maximize operational efficiencies of the equipment and systems installed. To support the initiatives Malaysia has introduced the Efficient Management of Electrical Energy Regulation 2008 (EMEER) under Energy Commission. EMEER requires any installation that generates or consumes more than 3,000,000 kWh in 6 consecutive months to appoint a Registered Electrical Energy Manager (REEM).

In the region, the ASEAN Centre of Energy (ACE) supported by European Union(EU) and United Nation Environment Program (UNEP) has developed Energy Management Gold Standard under ASEAN Energy Management Scheme (AEMAS) that provides the system and accreditation standard for Sustainable Energy Management (SEM). SEM is a process of managing the energy consumption in the organization to assure that energy has been efficiently used. It covers all aspects of energy consumption in the organization and involves not only technological improvement that consumes energy but also looks for the best contribution from end users. The system is more comprehensive than the propose ISO50001 that it focus on actual performance of energy management. In Malaysia, Greentech Malaysia is the endorsed party to train, audit and accredit individual to become Certified Energy Manager (CEM) and Professional Energy Manager (PEM)and accrediting organization for the EMGS certification. Ir Al-Khairi is the appointed Country Expert and local trainer to promote and train individual and organization on the accreditation process as well as the methodology to support the efficient management of energy standard.

BIODATA OF SPEAKER

Ir. Al-Khairi Mohd Daud , P.Eng, C Eng, MIEM, B.Eng(Hons) – Mechanical Engineering, University of Leeds, MBA. Ir. Al-Khairi had a varied experienced in project, engineering, maintenance and reliability experience from various industries. Ir. Al-Khairi started his career a research assistant with Shell Research centre in Thornton, United Kingdom in 1991. He came back to Malaysia and worked as plant engineer with Associated Pam Malaysia Cement (APMC) Sdn Bhd, a cement plant, in Rawang, Selangor. He further developed his professional experience in oil and gas sector with Shell/Petronas via Malaysia LNG in Bintulu. He joined Uniqema Malaysia an oleo-chemical plants, a subsidiary of Unilever and later ICI. He went back to petrochemical plant when he became the Maintenance Manager with UCB Chemicals in 2002. His experience was enriched when he set up the facilities and equipment department with a world class Research and Development Company together with its factory set up. He now head a similar role with a leading Medical Centre in Klang Valley. During his career, Ir. Al-Khairi has implemented various CMMS software's such as SAP. MP2. Mainsavers and CWork. He also had won award for his outstanding contribution on SHE excellent from ICI.

IR. AHMAD RAFIDI MOHAYIDDIN

SECRETARY

OIL, GAS AND MINING TECHNICAL DIVISION

Announcement to note:

1. Talk is **STRICTLY** for IEM Members only (pre-registration is **NOT** required)
2. Limited seats available on a "first come first served" basis (maximum 100 participants)
3. Telephone and/or fax reservation will not be entertained
4. Latecomers will not be allowed entrance, if the lecture hall is full
5. Please bring along this flyer for confirmation of attendance (CPD purpose)

For IEM members, membership cards **MUST** be presented for identification purpose. Members who fail to show their membership card will be charged a fee of RM20.00.

FUNDS FOR WISMA IEM

Kindly be informed that IEM will be charging participants RM10.00 administrative fee for talks organized by IEM. The fee would be used for overhead costs, building maintenance expenses as well as to support the purchase of the new building.

Students are however exempted. Your understanding is greatly appreciated.

FOR OFFICE USE ONLY (CPD HOURS CONFIRMATION)

Name of Member:

M'ship No:

Signature: