

## PRE-AGM TALK ON MEDICAL GAS PIPING SYSTEM : REQUIREMENTS AND MANAGEMENT

(Organised by Oil, Gas & Mining Technical Division and Electrical Engineering Technical Division, IEM)

**BEM Approved CPD/PDP Hours: 2**

**Ref No. : IEM16/HQ/527/T**

**Date : 17<sup>th</sup> December 2016 (Saturday)**

**Time : 9.00 am to 11.00 am (Refreshments will be served at 8.30am)**

**Venue : Tan Sri Prof Chin Fung Kee Auditorium, 3<sup>rd</sup> Floor Wisma IEM, PJ**

**Speaker: Ir. Al-Khairi Mohd Daud**

### SYNOPSIS

Medical Gas Piping System (MGPS) is required to deliver medical gasses supply to patients and surgical tools in hospitals. The medical gasses include oxygen, nitrous oxide, carbon dioxide, Entonox, medical vacuum, anesthetic gas scavenging system, medical and surgical air. Since the gasses are delivered direct to patients the quality and reliability of the system is very important to ensure the live of the patients and the safety of the facilities.

The areas in hospital that are at high risk due to medical gas present are general ward, operating theatres, ICU/ITU/CCU/NICU, recovery, major treatment rooms, etc. The medical gas installation thus influence other installation electrical power system, firefighting system and ACMV system. There have been many reported cases of failures in the medical gas system that has resulted in complication in patients and even death. Thus, there is a need to have an Authorizing Engineer, Authorized Person and Competent Person to manage the MGPS. Soon they competent person need to be registered with Medical Gas Authority.

The speaker shall elaborate on the medical gas piping standard according to Health Technical Memorandum and soon to be published in SIRIM standards (2675-01:2016)

### BIODATA OF SPEAKER

Ir. Al-Khairi Mohd Daud has over 23 years of experienced in Oil and Gas, petrochemical, oleo chemical, manufacturing and facilities management He is the country expert for ASEAN Energy Management Accreditation Scheme and an expert in healthcare facilities management. He has assisted in drafting few Malaysian Standards including the Malaysian Standard for Quality in Healthcare. He has presented papers in national and international conference especially on maintenance and asset management. He is the owner of Faqeh Management who specialized in asset and energy management.

**Ir. Mohd Azwira Mohd Azmi**

**Chairman**

**Oil, Gas & Mining Technical Division, IEM**

### ANNOUNCEMENTS TO NOTE:

- Preferential admission to talk shall be accorded to IEM members (pre-registration and online registration are NOT required). Telephone and/or fax reservation will NOT be entertained.
- **Non members** may also attend the talk but will need to pay a registration fee of **RM50** and an administrative fee of **RM15**. GST is inclusive.
- For members of affiliated organisations, there will be no registration fee payable. However, they are requested to produce their membership card as proof of membership. For the list of affiliated organisations, please refer to IEM website at [www.myiem.org.my](http://www.myiem.org.my) under International/MoU.
- Limited seats are available on a "first come first served" basis (maximum 100 participants).
- IEM members are required to produce membership cards for confirmation of attendance (CPD purpose).
- Latecomers will not be allowed to enter if the lecture hall is full nor be entitled to CPD.
- **IEM members who fail to produce their membership cards will be charged a fee of RM25.00. GST is inclusive.**

### ADMINISTRATIVE FEE

- Kindly be informed that an administrative fee of **RM15** is payable for talks organized by IEM. GST is inclusive.
- The fee would be used to cover overhead costs, building maintenance expenses as well as contribute to Wisma IEM Building Fund.
- All contributions will be deeply appreciated by IEM.
- Student Members are however exempted.

### PERSONAL DATA PROTECTION ACT

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### CPD/PDP HOURS CONFIRMATION

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