

Talk on Healthcare Ventilation System Requirements and Challenges

(Organised by Building Services Technical Division, IEM)

Date : 25th April 2017 (Tuesday)

Time : 5.30pm to 7.30pm (*Refreshments will be served at 5.00am*)

Venue : TUS and C&S Lecture Room, 2nd Floor Wisma IEM, PJ

Speaker: Ir. Al-Khairi Mohd Daud

SYNOPSIS

Healthcare buildings house many clinical departments and support services that require specialized air conditioning and ventilation system. Many healthcare facilities expanded their services or change the service of the rooms or floor throughout the life of the hospital. Though the space may be suitable for the new services, the original mechanical and electrical system such as ventilation systems may not be able to accommodate the needs of the new services especially when the area has been retrofitted.

In many cases the architects and health planners decides the requirements but overlooked the mechanical and electrical needs that are critical in getting conducive patient care as per the standard. The speaker shall talk about the healthcare air condition and ventilation requirements and the challenges that face the professionals in the industry to design and retrofit the current installation.

BIODATA OF SPEAKER

Ir. Al-Khairi Mohd Daud P.Eng, PEM, C Eng, CPSI, MIEM, MMEPA, MMSQH, REEM has nearly 25 years of engineering experience in both project and maintenance of various plants and facilities such as Liquefied Natural Gas (LNG) plants, petrochemical and oleo chemical plants, manufacturing, high end R&D and medical centre facilities. Amongst his accomplishment was the development, testing & commissioning and operation of InventQjaya Sdn Bhd, an advance research facilities in Cyberjaya and Prince Court Medical Centre Sdn Bhd (PCMC) a 300-bed hospital owned by PETRONAS. Due to this experience, Ir Al-Khairi has been appointed as certified surveyor and trainer with Malaysian Society for Quality in Health (MSQH). He has contributed to the drafting of MSQH standard 5th Edition 2016. He is also being appointed to Medical Device Authority (MDA) competencies expert panels, authorized engineer and trainer on Medical Gas Piping System (MGPS). In energy efficiency, Ir Al-Khairi is the country expert for ASEAN Energy Management Accreditation Scheme (AEMAS) where he is the chief assessor and trainer for the program. He is also a Certified Playground Safety Inspector (CPSI) with NRPA, USA.

Ir Al-Khairi is a member with Institute of Asset Management, UK. He is the past Chairman for Oil, Gas & Mining Technical Division and a member of Building Services Technical Division for the Institution of Engineers Malaysia (IEM). He is the Chief Consultant for Faqeh Management, a company that he formed to provide asset, facilities and energy management. He has conducted various facilities and energy audit for airports, offices buildings, healthcare facilities, manufacturing, process plants. He is also involved as data center planner and assessors.

Ir. Wong Weng Heng
Chairman,
Building Services Technical Division (BSTD)

BEM Approved
CPD/PDP : 2 Hours
Ref : IEM17/HQ/150/T

ANNOUNCEMENTS TO NOTE:

- **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.
- 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.**

ADMINISTRATIVE FEE

- Kindly be informed that an administrative fee of **RM15** is payable for talks organized by IEM. GST is inclusive.
- Student Members are however exempted.

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