



The Institution of Engineers, Malaysia

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Pre AGM Talk on "Code Compliant Design And Performance Based Design Smoke Control System – What Are Their Differences?"

(Organized by the Building Services Technical Division, IEM)
BEM Approved CPD/PDP Hours: 2 Ref No: IEM16/HQ/336/T

Date : 13th August 2016 (Saturday)

Venue : Tan Sri Prof. Chin Fung Kee Auditorium, 3rd Floor, Wisma IEM, Petaling Jaya

Time : 9.00am – 11.00am

Speaker: Ir Tan Chew

SYNOPSIS

Smoke is a major killer in almost all the fire incidents. A good smoke management design is utmost important for the life safety of the occupants during evacuation under the fire scenario. The main objective of the smoke control system should be life safety to ensure safe evacuation of occupants especially in the public building such as shopping complexes, libraries, public train stations and the like. Other objectives of smoke management system include fire fighters life safety, goods protection, and minimizing of business interruptions, etc. Many have since confused on the applications of performance based design and the code compliant design on the smoke control system since the implementation by Bomba more than 5 years ago. A comparison on their differences will be illustrated and discussed in this talk for better understanding.

ABOUT THE SPEAKER:



Ir. Tan Chew; Principal – Fire Safety Engineering Consultant, GP-Team Design Sdn Bhd. Ir. Tan Chew has more than twenty year experiences in the Fire Safety Engineering design on smoke control system for factories, industrial buildings, hypermarkets, shopping complexes, atrium, power plants, tunnel and etc. He worked very closely with CSIRO, Australia on Performance Based Designs required CFD simulations for smoke control system in industrial buildings, power plants, shopping complexes, hypermarkets, car parks, etc. Ir Tan Chew graduated from University of London and City University, London for his Bachelor of Science in Mechanical Engineering during 1979 and Master of Science in Air Conditioning and Refrigeration the following year. After working in the air conditioning and ventilation industry for about 3 years, he pursued his MBA in London City University in 1984. He is a Member of The Institution of Engineers, Malaysia (IEM) and a Registered Professional Engineer in the Board of Engineering Malaysia (BEM). He is also a member of Society of Fire Protection Engineers, USA (SFPE), and a Member of The Institution of Fire Engineers, UK (IFE) Malaysian branch and a member of International Association for Fire Safety Science (IAFSS). Ir Tan Chew is actively involved in the SIRIM Technical Committee for Smoke Control (TCS) and SIRIM Technical Committee in Passive Fire Protection (TCP) including chairing of the working group in the TCS.

Ir. Wong Chu Loong
Chairman
Building Services 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 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.

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