



The Institution of Engineers, Malaysia

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Talk on Foam System Design

(Organised by the Building Services Technical Division, IEM)

BEM Approved CPD/PDP Hours: 2 Ref No: IEM14/HQ/235/T

Date : **21 August 2014 (Thursday)**
Time : **5.30 pm – 7.30 pm** (*Refreshments will be served at 5.00 pm*)
Venue : **C&S & TUS Lecture Room, 2nd Floor, Wisma IEM, Petaling Jaya**
Speaker : **Ir. Cha Hoong Kum**

SYNOPSIS

For more than a decade, Foam system has been widely used as a fire extinguishing medium for flammable liquids, unlike other extinguishing agents, Foam form a stable aqueous solution can extinguish a flammable or combustible liquid fire by the combined mechanisms of cooling, separating the flame/ignition source from the product surface, and extended periods of time against re-flash or re-ignition. This evening, the speaker will provide information on type of foam concentrate, selection of foam system and equipment, most importantly is the Foam System design as per NFPA 11, NFPA 16, and NFPA 409.

BIODATA OF SPEAKER

Ir. Cha Hoong Kum graduated from the University of Westminster of UK with a Bachelor of Engineering (Mechanical) Second Class Honours (1st Division) in 1991. Ir. Cha then obtained his Master of Business Administration from Leicester University, UK in 1992. Upon his return he joined Fitters Engineering Services Sdn Bhd and worked his way to be the General Manager. He left and joined Mac-Tech Engineering Sdn Bhd as the General Manager. During this period he was involved in the design, tender and project management in Fire Engineering projects and is now well verse with the various NFPA and MS standards on fire. The fire pumps selection, testing and commissioning was his main focus to ensure the fire protection systems performance and functionality. Ir. Cha started his own company Versus Solutions Sdn Bhd in year 2011 and offers various specialist services, like the testing and commissioning of Fire pumps, the design of fire protection systems and supply of various fire fighting equipment.

Ir. Wong Chu Loong
Chairman
Building Services Technical Division, IEM

ANNOUNCEMENTS TO NOTE:

- Talk is for IEM members only (**pre-registration and online registration are NOT required**) (**telephone and/or fax reservation will NOT be entertained**)
- **Non members** may also attend the talk and will be charged a registration fee of RM50 and an administrative fee of RM10.
- For affiliate members, there will be no registration fee. However, they are requested to produce their membership card as proof of membership. For the list of affiliates, please refer www.myiem.org.my/content/memorandum_of_understanding-469.aspx.
- Limited seats available on a "first come first served" basis (maximum 110 participants).
- IEM members are required to produce your 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 RM20.00.

FUNDS FOR IEM BUILDING FUND (WISMA IEM)

- Kindly be informed that IEM will be charging IEM members 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.
- All contributions will be deeply appreciated by IEM
- Students are however exempted.

CPD HOURS CONFIRMATION

Name:

Membership No:

Signature: