



# The Institution of Engineers, Malaysia

## TALK ON “OCCUPATIONAL SAFETY AND HEALTH”

(Organised by Manufacturing Engineering Technical Division IEM)

**Date :** 16 July 2011 (Saturday)  
**Time :** 9.00 am – 11.00 am ( Refreshment will be served at 8.00 am)  
**Venue :** Auditorium Tan Sri Prof. Chin Fung Kee, 3<sup>rd</sup> floor Wisma IEM, Petaling Jaya  
**Speaker :** Ir. Mohd Hatta bin Zakaria

**BEM Approved  
CPD / PDP HOURS: 2  
Ref No:  
IEM011 //HQ/205/T**

### Synopsis

A pressurised equipment such as steam boiler or unfired pressure vessel is a potentially hazardous piece of equipment as its content is under pressure. Any design or fabrication fault, or misuse could lead to an explosion and failure of a pressurised equipment. A number of such explosions and failures have occurred causing devastating damages to buildings and loss of human lives. Therefore, it is essential that these pressurised equipments to stringently controlled in order to safeguard the lives of people and damage to property. The Department of Occupational Safety and Health (DOSH) carries out such control by approving, registering and inspecting periodically these pressurised equipments.

The design, fabrication, testing, installation, operation, inspection and maintenance of pressurised equipments are mainly governed by the Factories and Machinery Act 1967 (Act 139) and applicable regulations made under the act. Four such regulations are :-

- i. Factories and Machinery (Steam Boiler and Unfired Pressure Vessel) Regulations, 1970;
- ii. Factories and Machinery (Person In-Charge) Regulations, 1970;
- iii. Factories and Machinery (Certificate of Competency-Examination) Regulations, 1970; and
- iv. Factories, and Machinery (Notification, Certificate Of Fitness and Inspection) Regulations, 1970.

### Biodata of Speaker

**Ir. MOHD HATTA ZAKARIA** is the current Head Section of Recognition, Certification and Examination, Industrial Safety Division, Department of Occupational Safety and Health (DOSH), Malaysia. He has 21 years of industrial experience and held several significant positions in DOSH. He was the Head Section of Major Hazard Control, at the Major Hazard Installation Division in DOSH, HQ. Prior to that, **Ir. MOHD HATTA** was the Director at DOSH Negeri Sembilan and Deputy Director at DOSH Selangor. His dedicated career in occupational safety and health began in the DOSH HQ Industrial Safety Division, initially as the Head Unit of Industrial Safety Enforcement for Klang Area, Factories and Machinery Department (FMD) Selangor/Federal Territory of Kuala Lumpur, then as the Head Unit of Steam Boiler and Unfired Pressure Vessel of Design Section before finally being made the Head Section of Policy and Legislation later on.

**Ir. MOHD HATTA** holds a MSC in Engineering on Process Safety and Loss Prevention from the University of Sheffield, UK .

Ir. S. Jagathisen  
Chairman  
Manufacturing Engineering Technical Division, IEM

#### Announcement to note:

1. Talk is **STRICTLY** for IEM members only (walk in)
2. Limited seats available on a "first come first served" basis. (maximum 110 participants)
3. No telephone and/or fax reservation will 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 should be presented for identification purpose. Those members who fail to show their membership card will be charged a fee of RM 30.00.**

#### FUNDS FOR IEM NEW BUILDING

**Members are required to contribute RM 10.00 per entry per talk with immediate effect. This contribution will be towards the Institution Building Fund. All contributions will be deeply appreciated by IEM. Only Student members are exempted.**

#### CPD HOURS CONFIRMATION

Name of Member: .....

M' ship No: .....

Signature: .....

Date : .....