

# **Site Supervision Course (Mechanical Module) on Fire and Plumbing**

**Tuesday, 19 September 2017**

8.30 a.m. to 5.30 p.m.

Hotel Armada Petaling Jaya  
Lot 6, Lorong Utara C, Section 52  
46200 Petaling Jaya

Organised by



The Association of Consulting Engineers Malaysia

## **Objective**

This course is designed to provide the Graduate Engineers, Engineering Technologists and Inspectors of Works with necessary practical knowledge and information related to good engineering practice in site supervision using proper resources, procedures and reporting to meet the approved design and specification.

## **Target Audience**

This course is targeted at Graduate Engineers, Engineering Technologists and Inspectors of Works involved with fire protection, cold water and sanitary plumbing works at the construction site.

## **Language**

English will be used for the course and course materials.

## **Registration Fee** *(inclusive of 6% GST)*

ACEM member firms	RM 477.00 per person
Others	RM 583.00 per person

Registration is on a first-come, first-served basis and will close upon reaching the maximum number. Registration fee must be submitted together with the registration form. Payment by crossed cheque is to be issued to '**The Association of Consulting Engineers Malaysia**'.

Fee will not be refunded for any cancellation. However, substitution of participants can be arranged by informing the ACEM secretariat one week before the course commences.

Completed registration forms should be returned to the ACEM secretariat by **12 September 2017** to the following address:

The Association of Consulting Engineers Malaysia  
Suite 20-9, Level 20, Menara 1MK  
No. 1, Jalan Kiara, Mont' Kiara  
50480 Kuala Lumpur

For further enquiries, please contact the ACEM secretariat at tel. 012-5190031 / 012-5290031 or e-mail [sec@acem.com.my](mailto:sec@acem.com.my).

## **Continuing Professional Development (CPD)**

CPD hours for the course has been applied to the Board of Engineers Malaysia

### **Certificate of Attendance**

Certificate of Attendance will be issued subject to full attendance.

### **Course Contents**

#### **PART 1 – FIRE PROTECTION**

1. Relevant by-laws, codes and standards
2. Fire fighting piping and fittings material, jointing and installation
3. Fire fighting equipment installation
4. Testing and commissioning

#### **PART 2 – COLD WATER AND HOT WATER PLUMBING**

1. Relevant by-laws, codes and standards
2. Cold and hot water piping and fittings material, jointing and installation
3. Water booster pump and storage tank installation
4. Testing and commissioning

#### **PART 3 – SANITARY PLUMBING**

1. Relevant by-laws, codes and standards
2. Piping and fittings material, jointing and installation
3. Manholes and inspection chambers, drainage pumps
4. Testing and commissioning

#### **PART 4 – GAS DISTRIBUTION**

1. Relevant by-laws, codes and standards
2. Piping and fittings material, jointing and installation
3. Gas cylinder installation and Gas leakage detectors
4. Pipework pressure tests

## Course Programme

08:00 – 08:30	Registration
08:30 – 10:00	Lecture on Fire Protection
10:00 – 10:30	Tea break
10:30 – 12:30	Lecture on Fire Protection (cont.)
12:30 – 13:30	Lunch
13:30 – 15:30	Lecture on Cold Water Plumbing
15:30 – 16:00	Tea break
16:00 – 17:30	Lecture on Sanitary, Waste and Gas Plumbing

## C.V. of Course Lecturers

**Ir. N. Jayaseelan** graduated from the University of Malaya, Leeds Polytechnic, UK and Universiti Putra Malaysia and holds a Degree in Mechanical Engineering and Masters in Engineering. He is a Professional Engineer registered with the Board of Engineers, Malaysia, member of the Association of Consulting Engineers Malaysia and a Fellow of The Institution of Engineers, Malaysia. He is also a Certified Energy Manager, registered with the Energy Commission of Malaysia.

He has vast experience in the design, operations and maintenance of cold and hot water and sanitary plumbing systems, fire protection and air-conditioning systems for building services and industrial plants. His wide hands-on industrial experience has enabled him to design and facilitate training courses.

**Ir. Wong See Foong** graduated with a degree in Mechanical Engineering from the University of Malaya in 1974 and has been involved in building services engineering over the past 40 years. He is a professional engineer with practicing certificate registered with the Board of Engineers, Malaysia. Ir. Wong is a Past President of ACEM and also a Past President of the Institution of Fire Engineers (U.K.) Malaysia Branch.

Ir. Wong is a Fellow of the Institution of Engineers, Malaysia and is the Chairman of the Technical Committee for Wet Fire Protection Systems in SIRIM for the drafting of Malaysian Standards for active wet fire safety systems.

**Registration Form**  
(to be returned by 12 September 2017)

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Name (in full): \_\_\_\_\_

Designation: \_\_\_\_\_ Years of working experience: \_\_\_\_\_

Organisation: \_\_\_\_\_

Address: \_\_\_\_\_

\_\_\_\_\_

Tel.: \_\_\_\_\_ \*E-mail: \_\_\_\_\_

Contact Person: \_\_\_\_\_

\*confirmation of registration will be sent via e-mail

Registration Fee

ACEM member firm                      RM 477.00 per person  

Others                                      RM 583.00 per person  

Enclosed is cheque no. \_\_\_\_\_ for RM \_\_\_\_\_ being  
registration fee for the course (*cheque is to be issued to 'The Association of Consulting  
Engineers Malaysia'*).

\_\_\_\_\_  
Signature & Company Stamp

\_\_\_\_\_  
Date