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ACEM WEBINAR SERIES SITE SUPERVISION COURSE DISCIPLINE MODULE : MECHANICAL

July – August 2024

10.00 a.m. to 12.30 p.m.

Organised by



Supported by



ACEM intends to conduct a series of **Site Supervision Courses** designed to provide the **Graduate Engineers, Engineering Technologists and Inspector of Works (IOW)** with the necessary practical knowledge and information related to good engineering practice in the site supervision using proper procedures and reporting to meet the approved design, drawings and specification.

The overall programme consists of **General** and **Discipline Modules** corresponding to the disciplines registered with the Board of Engineers Malaysia (BEM).

There will be three (3) programmes for the Discipline Modules as follows:

(a) **Civil & Structural**

(b) **Mechanical**

(c) **Electrical**

Participants are encouraged to attend the **General Module** and **one of the Discipline Modules** as per their registration with BEM to have a complete and comprehensive knowledge regarding site supervision. All the above courses shall be conducted as a series of webinars to facilitate affordable online courses.

REGISTRATION FEE (per webinar)

ACEM member firms / COWAM & MEInSA members / BEM Registered Graduate Engineers, Engineering Technologists & Inspector of Works

RM 20.00

Others / PEPC / PE

RM 50.00

Please click link <https://klikesini.my/WTonT> or scan QR code for **ONLINE REGISTRATION** for the webinars.



SCAN TO
REGISTER

The Mechanical discipline module is divided into five (5) webinars conducted from July to August 2024 as per course contents shown in the table.

WEBINAR DATE

Webinar M1 – 13 July 2024	Webinar M2 – 27 July 2024	Webinar M3 – 03 August 2024
Air-Conditioning Systems Introduction Air-conditioning systems Equipment ducting and piping	Ventilation & Smoke Control Mechanical Ventilation System Smoke control & Pressurization systems	Fire Protection Introduction Fire Protection Systems Equipment and piping Installation
Webinar M4 – 10 August 2024	Webinar M5 – 24 August 2024	
Cold Water and Sanitary Plumbing Introduction Cold Water plumbing Sanitary plumbing	Vertical Transportation and Gas Distribution Introduction Vertical transportation Gas distribution	

WEBINAR TIME

10.00 a.m. to 12.30 p.m. (Malaysian time)

LANGUAGE

English will be used for the course and course materials.

CONTINUING PROFESSIONAL DEVELOPMENT (CPD)

Each webinar shall be eligible for 2 CPD hours for Registered Persons with BEM.

REGISTRATION

Registration is on a first-come, first-served basis and will close once maximum participation is achieved. Fee must be settled in full before commencement of webinar. Fee shall not be refunded for any cancellation. However, substitution of participants can be arranged by informing the ACEM secretariat one (1) week before the webinar date.

CERTIFICATE OF ATTENDANCE

Participants who sign up for individual webinars will receive an ACEM 'Certificate of Attendance', subject to full attendance.

CERTIFICATE OF ACHIEVEMENT

Participants who sign up for all webinars in this module are entitled to receive an ACEM 'Certificate of Achievement', subject to full attendance.

COURSE PROGRAMME

Time	Programme
9.30 a.m.	Link to webinar
10.00 a.m.	Introduction of Trainer
10.10 a.m.	Webinar Presentation
12.00 noon	Q&A Session
12.30 p.m.	End

COURSE TRAINERS' PROFILE



Ir. Au Chong Hun is Managing Director of Primetech Engineers Sdn Bhd and holds an Honours Degree in Mechanical Engineering from University of Malaya. He has diverse experience in a wide range of projects such as high rise, office, institutional building, university campus, residential developments, mall, museum, warehouse, factories and infrastructure planning. He has also successfully led the implementation of sustainable strategies for a number of GBI Platinum and Gold buildings.

Some notable projects recently completed under his leadership include the state-of-the-art Borneo Cultures Museum in Kuching and the Exchange 106 in Tun Razak Exchange.

In 2020-2021, 3 projects under his leadership were awarded with 5 National Energy Awards, 4 ASEAN Energy Awards and the Golden Pencil Award for Midea International HVAC Design Contest.

Apart from his professional work, Ir. Au is also active in the industry and lectures regularly in various NGOs and universities on topics related to M&E design, Sustainable Design, Energy Efficiency and Fire Safety Design. He is a member in the Technical Committee for Fire Properties of Building Material and serves as a Working Group member for various Malaysian Standards. He is also a member of the working group for the 2021 Amendments of the UBBL 1984.

Ir. Au is a registered GBI Facilitator registered with Green Building Index, a Certified Measurement and Verification Professional registered with the Association of Energy Engineers, USA, a Registered Electrical Energy Manager with Energy Commission, Malaysia and an Independent Commissioning Specialist registered with ASHRAE Malaysia Chapter.



Ir. Dr. N. Jayaseelan is the Principal of a local consulting engineering practice. 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.

He was a recipient of the Association of Overseas Technical Scholarships (AOTS) award on two occasions, awarded by the Ministry of Economy, Trade and Industry of Japan. Ir. Dr. Jayaseelan was also a member of the working group to draw up the energy efficiency and energy conservation guidelines for pumps and compressors for Malaysian industries organized by the Institution of Engineers, Malaysia, Pusat Tenaga Malaysia, and the Ministry of Energy, Water and Communications. He is the current Co-Chair of the Malaysian Green Building Index Accreditation Panel (GBIAP).

He graduated from University of Malaya, Leeds Polytechnic, UK and Universiti Putra Malaysia and holds a Degree in Mechanical Engineering and Masters in Engineering and an Industrial Doctorate in Engineering.

Ir. Dr. N. Jayaseelan is a Professional Engineer registered with the Board of Engineers Malaysia (BEM), member of The Association of Consulting Engineers Malaysia (ACEM) and a Fellow of The Institution of Engineers, Malaysia (IEM). He is also a Certified Energy Manager, registered with the Energy Commission of Malaysia, a Chartered Engineer of Australia (CPEng), an APEC Engineer and an International Professional Engineer (Int'l PE).



Ir. Wong See Foong graduated with a degree in Mechanical Engineering from University of Malaya in 1974 and has been involved in fire safety engineering over the past 40 years. He is a professional engineer with practicing license registered with the Board of Engineers Malaysia and is presently a partner in MEP Engineering Sdn Bhd, an engineering consultancy firm.

Ir. Wong is a Past President of The Association of Consulting Engineers Malaysia (ACEM) and also a Past President of the Institution of Fire Engineers (U.K.) Malaysia Branch. He is a Fellow of the Institution of Engineers, Malaysia and also a Fellow of the Institution of Fire Engineers (U.K.).

Ir. Wong's contributions in fire safety include assisting the Jabatan Bomba dan Penyelamat Malaysia in drafting the amendments to the Uniform Building By-laws, 1984 relating to active fire safety. His other contributions include chairing the Technical Committee under the National Standards Committee (M) of Jabatan Standards Malaysia for the drafting of Malaysian Standards for fire fighting systems and equipment.

Thank you for your participation.

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