

Site Supervision Course (Structures Module)

Saturday, 7 April 2018

(9.00 a.m. to 5.30 p.m.)

MATRADE Exhibition and Convention Centre
Menara MATRADE
Jalan Sultan Haji Ahmad Shah
50480 Kuala Lumpur

Organised by



The Association of Consulting Engineers Malaysia

Supported by



C . O . W . A . M
CONSTRUCTION INSPECTOR OF WORK ASSOCIATION MALAYSIA
PPRA/MSD-14-00042/13

Construction Inspector of Work Association 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

The course is opened to Graduate Engineers, Engineering Technologists and Inspectors of Works and all those who have little or no experience in the supervision of structural works at site.

Language

English will be used for the course and course materials.

Registration Fee *(inclusive of 6% GST)*

ACEM member firms & COWAM members	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 **2 April 2018** 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. nos. 012-5290031, 012-5190031, 03-62110031 or e-mail sec@acem.com.my.

Continuing Professional Development (CPD)

The course is eligible for 6 CPD hours for Inspector of Works and Professional Engineers registered with the Board of Engineers Malaysia.

Certificate of Attendance

Certificate of Attendance will be issued subject to full attendance.

Course Contents

CONCRETE WORKS

1. Historical Background
2. Materials
3. Concrete Mixes
4. Tests
5. Precast Concrete
6. Prestressed and Post-Tensioned Concrete
7. Tremie Concrete
8. Formwork and Surface Finish
9. QP Form Samples

BRIDGE WORKS

1. Introduction to Precast Reinforced and Prestressed Concrete Bridges
2. Abutments
3. Introduction to Bridge Joints
4. Introduction to Reinforced Soils
5. Introduction to Prestressing
6. Laminated Elastomeric Rubber Bearings for Bridges

STRUCTURAL STEELWORKS

1. Introduction
2. Standard, Specification and Documents
3. Inspection Tools
4. Raw Material Delivery, Inspection and Testing
5. Cutting and Holing
6. Bolts
7. Welding
8. Coating
9. Storage
10. Transportation
11. Erection
12. Final Work Acceptance

Course Programme

08:30 – 09:00	Registration
09:00 – 10:30	Lecture on Concrete Works
10:30 – 11:00	Tea break
11:00 – 12:30	Lecture on Structural Steelworks
12:30 – 13:30	Lunch
13:30 – 15:00	Lecture on Structural Steelworks (cont.)
15:00 – 15:30	Tea break
15:30 – 17:30	Lecture on Bridge Works

C.V. of Course Lecturers

Ir. Douglas Chow Tet Fah graduated with a B. Eng.(Hons). He is a Professional Engineer, a Chartered Engineer, a Member of IEM, ACEM, ICE & IEAust and an ASEAN Chartered Professional Engineer.

Ir. Chow is the Managing Director of Petareka Perunding (M) Sdn Bhd, Council Member of ACEM, Chairman Professional Practice Committee, BEM National Monitoring Committee member and APEC Engineer Register Committee Member.

He has been in engineering consultancy practice for the past 37 years. Major interest in large span structures. Major large span structures completed – Brunei national Stadium & 120m span hangar for Royal Pavilion in Brunei; Inflight Catering buildings at Colombo Airport and New Doha Airport, Qatar; 30,000 Tons cement silo in Johor & other 15,000 to 25,000 Tons cement silos in Malaysia, Vietnam & Sri Lanka.

Ir. Patrick Augustin graduated with a B.Sc. (Hons) (Engineering) from Lancaster University and a DIC, M.Sc. (Concrete Structures) from Imperial College London University. He is a registered Professional Engineer, a Chartered Structural Engineer, a Fellow of IEM, ICE & IStructE and a member of ACEM. He has also served as a Council Member for both ACEM and IEM.

Ir. Patrick Augustin has written and published several articles related to the design and construction of bridges. He also conducts courses and presents paper at seminars and conferences on the subject.

Ir. Dr. Wong Wai Wah graduated with a Bachelor of Engineering (Hons) degree from University of Malaya in 1976. He obtained Master of Business Administration in 2008 from University of East London and Doctor of Business Administration from Southern Cross University, Australia in 2012. He is a Professional Engineer with Practising Certificate registered with the Board of Engineers Malaysia and a Member of Institution of Engineers Malaysia. Currently, he is the President of the Association of Consulting Engineers Malaysia for session 2017/2018.

Dr Wong has 41 years of working experience mainly in industrial plants, aircraft maintenance hangars, marine structures, building works and bridge structures involving reinforced concrete, prestressed concrete and structural steelworks.

Registration Form

(to be returned by 2 April 2018)

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Name (in full): _____

Designation: _____ Year(s) 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

COWAM member (Membership no. _____) 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