

Presentation on Holistic Approach to Precast Concrete Construction

**Monday, 12 November 2018
(8.30 a.m. – 5.00 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

Synopsis

IBS has been a buzz word in the construction industry lately and precast concrete construction is one of the more widely used IBS system available in Malaysia. Precast concrete construction has been successfully used for building such as schools, hospitals, offices, shopping malls, carparks, residential, etc. This technology is able to provide solution to current problems faced by the industry such as shortage of skilled labour, poor workmanship, poor quality finish product, delay in construction, etc. Precast system is well known for its speedy construction, follow closely behind only to steel structure construction. Production of precast concrete element is in a controlled factory environment, thus will ensure good final quality product. With the latest technology available, site labour can be significantly reduced and improve site safety tremendously. Precast design usually does not require propping at site, thus saving in scaffold and formwork. In summary, precast construction always add value to the project.

Eastern Pretech (Malaysia) Sdn Bhd as a specialist in the precast construction for more than 28 years, will share its insight and experiences in precast logistic planning, design, production and site. This presentation will cover precast application, basic design concept, detailing and its future usage.

This sharing session will benefit all engineers, managers, architects, quantity surveyors, project management, contractors, developers and other stakeholders in the construction industry.

Registration Fee

ACEM member firms	RM 250.00 per person
Others	RM 350.00 per person

The registration fee shall be made payable to '**The Association of Consulting Engineers Malaysia**' by crossed cheque and to be submitted with the completed registration form by **5 November 2018** to:

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

The registration fee is non-refundable. However, substitution of participants can be arranged by informing the organiser one week before the presentation commences.

Continuing Professional Development / Certificate of Attendance

The presentation is eligible for 8 CPD hours for Professional Engineers registered with the Board of Engineers Malaysia, and a Certificate of Attendance will be issued subject to full attendance.

Enquiries

For enquiries, please contact the ACEM secretariat at tel. no. 012-5290031, 012-5190031, 03-62110031 or e-mail sec@acem.com.my.

Programme

- 08:00 Registration
- 08:30 **Part 1: Introduction to Precast Concrete System** by Ir. Lee Wei Thiam
- 09:30 Tea break
- 10:00 **Part 2: Precast Concrete Design & Detailing for Engineer (Session 1)** by Ir. Tang Lai Peng
- 12:30 Lunch
- 13:30 **Part 2: Precast Concrete Design & Detailing for Engineer (Session 2)** by Ir. Chu Kiun Heng
- 14:30 **Part 3: M&E Services with Precast System** by Mr. James Ng Hang Kheng
- 15:30 Tea break
- 16:00 **Precast Technology – Current and Future Usage** by Ir. Ng Kok Peng
- 16:30 Q&A
- 17:00 End of Presentation

Speakers' Biodata

Ir. Chu Kiun Heng (*Assistant General Manager – Engineering and Development*) graduated with Degree in Civil Engineering in 1995 from the University of Malaya, Malaysia. He is a Corporate Member of the Institution of Engineers, Malaysia and a Professional Engineer (Civil) with practicing certificate registered with the Board of Engineers Malaysia.

Ir. Chu has over 20 years of experience in the field of engineering. He started gaining his experience with an established consultant company as a designer engineer. From thereon, he moves to a more specialise field which is precast concrete Industrialised Building System by joining Eastern Pretech (Malaysia) Sdn Bhd and headed the design department which take charge of design and technical matters. Today his involvement is mainly in Precast Engineering and Development, quality assurances and quality control.

Ir. Lee Wei Thiam (*Senior Manager – Marketing*) graduated from the University of Leeds, United Kingdom with B.E. Hons. (Civil Engineering with Construction Management) in 1999 and holds an MBA from University of Malaya. He is a Professional Engineer (Civil) with practicing certificate registered with the Board of Engineers Malaysia.

Ir. Lee has 19 years of experience in construction. He spent his initial years with a consulting engineering firm working on both civil and structural engineering design and supervision of many projects. Later, he joined Eastern Pretech (Malaysia) Sdn Bhd as a design engineer. He has gained his precast experience with Eastern Pretech (Malaysia) Sdn Bhd for more than 14 years. He was involved in the conceptualization, design, precasting and installation for many prestigious building using the Industrialised Building System (IBS).

Mr. James Ng Hang Kheng (*General Manager – Operation*) has accumulated over 30 years of experience in the building construction industry of which include over 25 years in the precast concrete industry. His hands-on experience for precast concrete covers from production to logistics to site installation and has handled several large projects. He had also successfully set up several precast plants in Malaysia. Currently, James is spearheading the operations of the company.

Ir. Ng Kok Peng (*Advisor*) graduated from the University of Malaya with B.E. Hons. (Civil Engineering) in 1981 and holds an MBA in 1993 from the same university. He is a Fellow of the Institution of Engineers, Malaysia, a Professional Engineer (Civil) registered with the Board of Engineers Malaysia, a Corporate Member of the Institution of Civil Engineers, UK and a Chartered Engineer registered with the Engineering Council, UK.

Ir. Ng has more than 36 years of experience in construction. He spent his initial years after graduation with a consulting engineering firm working on both civil and structural engineering design and supervision of many projects.

Later, he joined concrete product manufacturers working on interlocking concrete pavement, loadbearing blockworks, cement and concrete mix design as well as precast concrete. He is currently the Advisor of Eastern Pretech (Malaysia) Sdn Bhd. Ir. Ng is a keen advocate on the use of mechanization and technology to improve efficiency in construction, particularly the use of precast technology for building construction.

Ir. Ng was involved in the conceptualization, design, precasting and installation for many prestigious building using the Industrialised Building System (IBS).

Ir. Tang Lai Peng (*General Manager*) graduated from the University of Aston Birmingham, England in 1981. He is a Professional Engineer (Civil) registered with the Board of Engineers Malaysia. He has more than 36 years of experience in construction. He specializes in the field of precast concrete method of construction encompassing design, production, site erection and all related contractual matter.

Ir. Tang's passion about precast concrete has been tremendous. He has been instrumental in several initiatives in promoting precast concrete construction in government sectors (IBS) and to industry players.

Registration Form

(to be returned by 5 November 2018)

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Monday, 12 November 2018
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Name: _____

Designation: _____ BEM PE No.: _____
(if applicable)

Organisation: _____

Address: _____

Tel.: _____ Contact person: _____

E-mail: _____
(confirmation of registration will be sent via e-mail)

ACEM member firm RM 250.00 per person

Others RM 350.00 per person

Enclosed is cheque no. _____ for RM _____
being registration fee for the presentation.

Signature & Company Stamp

Date