



APPLIED TECHNOLOGY
GROUP OF COMPANIES
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Course On

State of Arts of Precast Concrete Technology

Date : 27 May 2015
Time : 9.00 am to 5.30 pm
Venue : Applied Technology Group Training Centre, Subang Jaya

SYNOPSIS

The objective of one day short course on state of arts of precast concrete technology is to enlighten the participant on the current practice of the precast industry in terms of fabrication technology, concrete properties, form work design and fabrication, joint design and techniques, lifting and transportation and co-ordination as well as the quality assurance. Actual examples realized in Malaysia will be used to illustrate various key ideas of current precast concrete technology.

LEARNING OUTCOME

After the short course:

- The participant will be able to assess the suitability of using precast concrete for the building design.
- The participant will be able to assess the efficiency of the joint design prepared by third party.
- The participant will be able to carry out joint design with reasonable complexity.
- The participant will be able to prepare the method statement and quality assurance policy of the project in precast concrete.

Special Discount

Early Bird Discount

RM100

Register for course and pay before 27 April 2015

SPEAKER PROFILE



Dr. John Tang Chow Ang

BESc Eng (Hons) (Engineering Mechanics), MSc Eng (Metallurgy),
PhD (C&S Eng)

Dr. John Tang is a Civil and Structural (C&S) engineer with **over 30 years of industry experience**. Throughout his career, he has contributed to many development and government projects including **construction** (e.g. Sunway Capital and Pyramid, KLIA Cargo Complex), **concrete repairs & steel fabrication** (e.g. Air craft docking system for MAS and Thai International), and the **design of tower and off-shores cranes** with the implementation of design office quality system and documentation (e.g. **ISO 9001:2000** for Office and Site).

His wealth of knowledge covers **pre-cast concrete technology, Masonry system & design, ISO 9001** as well as **structural analysis** with in-built **BIM** (Building Information Modelling) within the engineering software platforms. Dr. John Tang is experienced in software application such as **Tedds, Sketchup, Scia 14, Rapt**.

He is also a professional trainer with **over 15 years teaching experience** as a senior lecturer at Monash University Malaysia, lecturer at Sheffield Hallam University and trainer at Favelle Favco Cranes (M) Sdn. Bhd. He also assisted in teaching of Fluids Mechanics for Part 3 students of IEM (Institution of Engineers) Malaysia.

Presently, Dr. John Tang is the director of Housing Inc Sdn Bhd and is mainly engaged in structural engineering (especially alternative) dealing in IBS (Industrial Building Systems) structure design, concrete fabrication process design, and installation of same (false works, carnage location, access) for contractors and structural consultants.

Dr. John Tang obtained a Bachelor of Engineering Science (Engineering Mechanics) in 1970 and a Master of Science Engineering (Metallurgy) in 1973, both from Johns Hopkins University, USA. He was then, awarded his PhD in C&S Engineering from University of Sheffield, England in 1980.

He was a corporate member of the Institution of Engineers, Malaysia, Institution of Civil Engineers and Institution of Structural Engineers of U.K.

WHO SHOULD ATTEND

The course is for practicing consulting engineers and academicians who would like to learn how to assess the suitability of using precast concrete for the building design. Project Managers, Engineers and Technical Personnel who would like to gain understanding into precast concrete technology are also encouraged to participate in view of the fundamental approach of the speaker.

State of Arts of Precast Concrete Technology

COURSE SCHEDULE

DAY 1

9.00am - 9.45am	Introduction: Brief introduction on the content of the short course and overview of current state of arts of precast concrete technology.
9.45am - 10.45am	Session 1: Preliminary assessment of the suitability of adopting precast concrete as an option, component design.
10.45am - 11.00am	<i>TEA TIME AND NETWORKING</i>
11.00am - 1.00pm	Session 2: Component and joint design, behaviour and assessment. The design and assessment shall include the casting, lifting, transportation, fabrication and performance of the structure.
1.00pm - 2.00pm	<i>LUNCH</i>
2.00pm - 2.45pm	Session 3: Practical examples and solutions.
2.45pm - 3.45pm	Session 4: Detail comparisons of various options.
3.45pm - 4.00pm	<i>TEA TIME AND NETWORKING</i>
4.00pm - 5.00pm	Session 5: Fabrication and quality control.
5.00pm - 5.15pm	Question and Answer
5.15pm - 5.30pm	Conclusion
<i>END OF DAY ONE</i>	



COURSE REGISTRATION FORM

Course title: State of Arts of Precast Concrete Technology

(✓ Please tick)

<input type="checkbox"/>	27 May, 2015 Subang Jaya, Applied Technology Group Training Centre
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Company Information

Company:	
Address:	
State/ Province:	
Zip/Postal Code:	
Country:	
Contact Person:	
Email:	
Phone:	

Attendee Information

Name (1)	
Job title:	
E-mail:	
Mobile/Tel No:	
Name (2)	
Job title:	
E-mail:	
Mobile/Tel No:	
Name (3)	
Job title:	
E-mail:	
Mobile/Tel No:	

Registration Fee

	Malaysia
Individual Fee	RM800
Group Fee (3 or more delegates)	RM700

Closing date: 20 May 2015. An early bird discount of RM100 for payment received before 27 April 2015.

Payment

Payment is to make payable to:
Applied Technology Group Sdn Bhd
Public Bank Berhad (Malaysia)
 Account no: 3178247302

Payment terms:

Payment is required before the event. Once received your place is automatically reserved. Registration fee includes lunch, refreshments and full training documentation as specified. Delegates may be refused admission if payment is not received prior to the event. The fee does not include hotel accommodations.

Cancellation Policy

All cancellation of registration must be made in writing.

If you are unable to attend:

- A substitute delegate is welcomed at no additional charge.
- Your registration can be credited to a future event.
- You will receive a full refund less 10% administration charge if cancellation is received in writing more than 14 days before the event.
- No cancellations will be accepted within 14 days before the event start date. Full course documentation will however be sent to the delegate.

Course Schedule

Course starts at 9.00am and ends at 5.30pm daily. Please arrive at 8.30am on day one to allow time to register and receive course materials.

Please send completed form to:

Fax to: **+603 5637 9945**
 or Email to : admin@apptechgroups.net
 For enquiry, please call: +603 5634 7905
 Or refer to our website www.apptechgroups.net

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