



APPLIED TECHNOLOGY
GROUP OF COMPANIES
Australia • New Zealand • Hong Kong • Malaysia • Singapore

Applied Technology Group Sdn Bhd (1012178-W)

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Course On

Latest Practices in Precast Concrete for Building Construction

Date : 19 December 2018
Time : 9.00 am to 5.30 pm
Venue : Applied Technology Group Training Centre

SYNOPSIS

This one-day course provides a holistic learning experience in the latest practices in precast concrete for building construction. Participants will learn through real life local examples and experience in the use of precast concrete specifically for different types of buildings. This course covers the various aspects of precast concrete from assessing the suitability for precast adoption, structural systems, planning, design and detailing, connections, state-of-the-art production technology, element storage and logistics, site planning, sequencing and installation methods. Finally, attempts will be made to highlight the challenges in using precast concrete for building structures and the future trends and direction on precast adoption.

This course is suitable for managers, engineers, technical personnel and decision makers who are working for developers, consultants, government agencies, contractors, precast manufacturers, academicians, suppliers and other relevant persons, to acquire better overall understanding on the latest practices in the use of precast concrete for buildings. At the end of the course, participants will acquire fundamental knowledge and understanding on precast usage to equip them for participation in building projects involving precast concrete at the various stages of construction.

LEARNING OUTCOMES

After the one-day courses,

- the participants will be able to recognize and recommend a precast alternative.
- the participants will be able to plan a precast solution.
- the participants will be able to carry out joint design of reasonable complexity.
- the participants will be able to select appropriate fabrication methods.

Special Discount

Early Bird Discount RM 100

Register for course and pay before 19 November 2018

Latest Practices in Precast Concrete for Building Construction

SPEAKER PROFILE



Ir. Ng Kok Peng

Ir. Ng Kok Peng graduated with B.E.Hons (First Class) in civil engineering from the University of Malaya in 1981. He later pursued an MBA and graduated in 1993 from the same university. He is a Fellow of the IEM, a Professional Engineer with Practicing Certificate registered with the BEM, a Corporate Member of the ICE, UK and a Chartered Engineer registered with the Engineering Council, UK.

Ir. Ng spent his initial years after graduation with a consulting engineering firm working on both civil and structural engineering design and supervision in many projects. He later joined concrete products manufacturers working on cement and concrete mix design and precast concrete for both building and infrastructural works. He has been involved in planning, production and operations using precast concrete products for many notable projects in Malaysia. He has also been involved in the setting up of precast concrete production facilities, both as project plants and also as permanent factories. He is a keen advocator on the use of mechanization and technology to improve efficiency and productivity in construction.

Ir. Ng is presently the Director of IBS Technology Solutions Sdn Bhd, a company that specializes in providing supplies and services to projects using the Industrialized Building System (IBS).

WHO SHOULD ATTEND

Civil Engineer, Structural Engineers, Building Contractors, Consultants, Project Manager, Resident Engineer, Lecturers, Engineering Technicians.

*Claimable under HRDF SBL scheme subject to max limit allowed.
6 BEM Approved CPD-Hours, 10 CIDB Approved CCD-Points*

Latest Practices in Precast Concrete for Building Construction

COURSE SCHEDULE

DAY 1

8.30am - 8.50am	Registration
8.50am - 9.00am	Introduction of Speaker
9.00am - 10.00am	SECTION 1: INTRODUCTION <ul style="list-style-type: none"> • Notable examples of PC Buildings • Historical development in Malaysia • Government initiatives/Road maps/IBS score • Modular coordination/Green building concept
10.00am - 10.15am	<i>REFRESHMENT</i>
10.15am - 12.00pm	SECTION 2: DESIGN <ul style="list-style-type: none"> • Preliminary assessment on suitability for adopting PC • Structural systems & concepts • Analysis, structural stability & ties • PC components design • Connections • MEP services • BIM/Shop drawings
12.00pm - 1.00pm	<i>LUNCH</i>
1.00pm - 2.15pm	SECTION 3: PRODUCTION <ul style="list-style-type: none"> • Production planning & Integrated management systems • Production systems/Automation • Mould design • Raw materials, QA/QC, Finished products
2.15pm - 3.30pm	SECTION 4: STORAGE & DELIVERY <ul style="list-style-type: none"> • Logistic planning & considerations • Vehicles types, movement & constraints • Safety in handling PC elements
3.30pm - 4.00pm	<i>REFRESHMENT</i>
4.00pm - 5.30pm	SECTION 5: INSTALLATION <ul style="list-style-type: none"> • Project management & Contract types • Erection planning, sequencing & scheduling • Site access & crange • Site control for Quality construction • Site safety SECTION 6: CONCLUSION <ul style="list-style-type: none"> • Challenges in using PC • Future trends, PPVC, etc. • General discussion
<i>END OF THE COURSE</i>	

COURSE REGISTRATION FORM

Course title: Latest Practices in Precast Concrete for Building Construction

(✓ Please tick)

<input type="checkbox"/>	19 December 2018 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

	Fee
Individual Fee	RM900
Group Fee (3 or more delegates)	RM800

Closing date: 17 December 2018. An early bird discount of RM100 for payment received before 19 November 2018.

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. Please arrive at 8.30am on the day 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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