Scope and Objectives

Demolition of buildings and construction of temporary structures have been subjects of attention by the building professionals and the public. In coming years, many old buildings are expected to be demolished and the safety of the operation is of paramount importance.

This Seminar aims to provide a technical platform for experts mostly involved in the drafting of the handbook for demolition of buildings published by the Hong Kong Institution of Engineers for sharing of their know-how in the subject. Topics on demolition methodology, procedures, safety, consideration, stability, design and construction of temporary structures and practices are covered in this seminar. It is hoped that by the end of the Seminar, participants will have acquired a better understanding of the crucial issues surrounding the planning, structural checking and precaution for demolition of old buildings. Views on how to minimize chance of incident and improve efficiency of demolition operation will be exchanged during or after the Seminar.

The objectives of this seminar are to review the state-of-the-art in demolition technology, to provide an over-view of a number of demolition projects in Hong Kong. Views of stakeholders on these aspects will be summarized for reference by the professionals in future activities on the topic.

Speakers

Ir. Thomas Wong, YSK2 Engineering Co Ltd
Professor K. Rasmussen, Sydney University, Australia
Professor J.L. Peng, National Yunlin University of Science & Technology, Taiwan
Mr. Alvin Yu, Formerly Labour Department
Ir CY Kan, Architectural Services Department
Ir Raymond Lau, Buildings Department
Ir CK Lau, Sun Hung Kai Development Limited
Ir Martin WT Tsoi, Housing Department
Ir Professor S.L. Chan, Hong Kong Polytechnic University

Official Language

English will be the official language of the Seminar for both oral and written presentation.

Fees & Registration

The registration fee includes a copy of proceedings, a copy of CPD certificate, 2 tea refreshments.

Regular Registration:  HK$ 900 each for HKISC/ HKIE Members; HK$ 1200 each for non HKISC/ HKIE Members.
Group Registration:  HK$ 900 each for group registration of at least 5 people

CPD Certificates

This seminar is recommended for ONE CPD day. An attendance certificate will be issued.

Please send the completed registration form with registration fee to Mr. Sam Chan, HKISC c/o ZS972, Department of Civil and Environmental Engineering, The Hong Kong Polytechnic University, Hung Hom, Kowloon by 3 June 2014 (Tel: 852-3400 3965, Fax No.: 852-2334 6389). You can download this form on HKISC web (http://www.hkisc.org) or request through emailing to: samchan@hkisc.org. For further information, please contact Mr. Sam Chan above.
Practices of Building Demolition & Temporary Works 2014

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The Hong Kong Institute of Steel Construction www.hkisc.org

Supported by
Construction Industry Council
Department of Civil and Environmental Engineering, The Hong Kong Polytechnic University
Joint Structural Division, The Hong Kong Institution of Engineers

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Hsin Chong Construction Company Limited       Kong Chun Machinery Trading Co. Limited
Vibro (H.K.) Limited                               Yongmao Machinery (HK) Co Ltd

Date: 27 June 2014, Friday
Venue: Chiang Chen Studio Theatre, The Hong Kong Polytechnic University, Hunghom, Kowloon, Hong Kong.
Time: 8:45 am (registration) for 9:00 am to 5:15 pm

REGISTRATION FORM
(To be replied on or before 3 June 2014)

Please follow the 2 steps registration procedure:
1. Fax the completed registration form to Mr. Sam Chan (Fax: 852-2334 6389) for preliminary registration.
2. Post the completed registration form together with a crossed cheque payable to Hong Kong Institute of Steel Construction Limited to Mr. Sam Chan, at:
HKISC c/o Room ZS972, Department of Civil and Environmental Engineering, The Hong Kong Polytechnic University, Hunghom, Kowloon, Hong Kong

To: Mr. Sam Chan
Fax: 852- 2334 6389

A. Personal Details:

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Postal Address (for official receipt):

B. Registration Details:

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Total amount: HK$

Note: The registration fee includes a copy of proceedings, a copy of CPD certificate, 2 tea refreshments

*Member refers to HKIE or HKISC member

I enclosed a crossed cheque (cheque no. _________________ ) with the sum of HK$ ____________ for the registration fee of the captioned Seminar.

Signature: ________________________________ Date: ________________________________
# Practices of Building Demolition & Temporary Works 2014

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<th>Time</th>
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<tr>
<td>8:45 am</td>
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| 9:00 am | **Welcoming Speech**  
Ir Prof. S.L. Chan, Chair Professor of HKPolyU, Chairman of JSD-HKIE & President of HKISC |
| 9:15 am | **Lecture 1**  
The Code of Practice for Demolition of Buildings  
Ir Raymond Lau, Buildings Department |
| 9:45 am | **Lecture 2**  
Safety - A Performance-based Approach  
Mr. Alvin Yu, Former Deputy Chief Occupational Safety Officer, Labour Department. |
| 10:15 am | **Tea Break** |
| 10:45 am | **Lecture 3**  
Loading and reliability of steel scaffolding in Australia  
Professor K Rasmussen, Head, Department of Civil and Mining Engineering, University of Sydney, Australia |
| 11:15 am | **Lecture 4**  
Advanced Practice of Structure Demolition  
Ir Thomas Wong, YSK2 Engineering Co Ltd |
| 12:15 pm | Lunch |
| 2:00 pm | **Lecture 5**  
Leaning Column Effect on Load Capacity of Building Falsework Used in Taiwan  
Professor J.L. Peng, Department of Construction Engineering, National Yunlin University of Science & Technology, Taiwan |
| 2:30 pm | **Lecture 6**  
Role of AP/RSE in Demolition and Temporary works  
Ir C.K. Lau, Joint Structural Division, HKIE |
| 3:00 pm | **Lecture 7**  
A Case Study of Using Metal Scaffold System for Demountable Grandstand  
Ir C.Y. Kan, Architectural Services Department |
| 3:30 pm | **Tea Break** |
| 4:00 pm | **Lecture 8**  
Advances in Demolition Management - Demolition of Precast High-rise Buildings  
Ir Martin W.T. Tsoi, Housing Department |
| 4:30 pm | **Lecture 9**  
Second-order direct analysis of steel scaffolds in HK and UK  
Professor S.L. Chan and Dr. Y.P. Liu, HKPolyU |
| 5:00 pm | **Closing Remark**  
Ir Prof Paul PANG, Chairman of Canadian Society for Civil Engineering (HK Branch) |
| 5:15 pm | End of Seminar |