



Practices of Building Demolition & Temporary Works 2014

Organised by

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

Sponsored by

Wo Lee Steel Company Limited

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Canyon Metal Scaffolding Engineering Limited

Gammon Construction Limited

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, Hung Hom, Kowloon, Hong Kong.
Time:	8:45 am (registration) for 9:00 am to 5:15 pm

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

Ir CY Kan, Architectural Services Department

Professor K. Rasmussen, Sydney University, Australia

Ir Raymond Lau, Buildings Department

Professor J.L. Peng, National Yunlin University of Science & Technology, Taiwan

Ir CK Lau, Sun Hung Kai Development Limited

Mr. Alvin Yu, Formerly Labour Department

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.



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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, Hung Hom, Kowloon, Hong Kong

To: Mr. Sam Chan

Fax: 852- 2334 6389

A. Personal Details:

Title	Name in full (Block Letter)	Name of company	Tel. (or Fax)	E-mail address	Institution/ Membership No.
1.					
2.					
3.					
4.					
5.					

Postal Address

(for official
receipt):

B. Registration Details:

Item	Registration Fee	Total no. of registration	Sub-total
1. Regular registration (Member*price)	HK\$ 900 each x	_____ person(s)	= HK\$ _____
2. Regular registration (Non-member*price)	HK\$ 1200 each x	_____ person(s)	= HK\$ _____
3. Group registration (at least <u>5</u> people)	HK\$ 900 each x	_____ person(s)	= HK\$ _____
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: _____



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Time	Program (Tentative)
8:45 am	Registration
9:00 am	Welcoming Speech Ir Prof. S.L. Chan, Chair Professor of HKPolyU, Chairman of JSD-HKIE & President of HKISC
Lecture 1 9:15 am	The Code of Practice for Demolition of Buildings Ir Raymond Lau, Buildings Department
Lecture 2 9:45 am	Safety - A Performance-based Approach Mr. Alvin Yu, Former Deputy Chief Occupational Safety Officer, Labour Department.
10:15 am	Tea Break
Lecture 3 10:45 am	Loading and reliability of steel scaffolding in Australia Professor K Rasmussen, Head, Department of Civil and Mining Engineering, University of Sydney, Australia
Lecture 4 11:15 am	Advanced Practice of Structure Demolition Ir Thomas Wong, YSK2 Engineering Co Ltd
12:15pm	Lunch
Lecture 5 2:00 pm	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
Lecture 6 2:30 pm	Role of AP/RSE in Demolition and Temporary works Ir C.K. Lau, Joint Structural Division, HKIE
Lecture 7 3:00 pm	A Case Study of Using Metal Scaffold System for Demountable Grandstand Ir C.Y. Kan, Architectural Services Department
3:30 pm	Tea Break
Lecture 8 4:00 pm	Advances in Demolition Management - Demolition of Precast High-rise Buildings Ir Martin W.T. Tsoi, Housing Department
Lecture 9 4:30 pm	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