



The Hong Kong Institution  
of Engineers



Department of Civil and Structural Engineering,  
The Hong Kong Polytechnic University



## Practices of Demolition of Buildings in Hong Kong

Organised by

Department of Civil and Structural Engineering,  
The Hong Kong Polytechnic University

Sponsored by

Buildings Division, The Hong Kong Institution of Engineers  
Civil Division, The Hong Kong Institution of Engineers,  
Joint Structural Division, The Hong Kong Institution of Engineers,  
RCATISE, The Hong Kong Polytechnic University  
The Hong Kong Institute of Steel Construction [www.hkisc.org](http://www.hkisc.org)

<b>Date:</b>	30 April 2010 Friday
<b>Venue:</b>	Chiang Chen theater, The Hong Kong Polytechnic University, Hung Hom, Kowloon, Hong Kong.
<b>Time:</b>	8:45 am (registration) for 9:00 am to 5:10 pm

### Scope and Objectives

Demolition of buildings has been a subject of attention by the building professionals and the public. In coming years, quite 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 to be 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 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 Professor S.L. Chan, Hong Kong Polytechnic University  
Ir C.K. Lau, Sun Hung Kai Architects and Engineers Ltd.  
Mr. Clint Lo, Sanfield Management Limited  
Ir Ken Ng, Buildings Department  
Mr. Kenneth Ng, Yaddy Cheung & Co., Solicitors

Ir YY Shiu, Housing Department  
Ir Aldows Tang / Ir. Paul Cheng / Ir. Benjamin Wong of Meinhardt (C&S) Limited  
Ir. Thomas Wong, YSK2 Engineering Co Ltd

### 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\$ 600** each for HKISC/ HKIE Members; **HK\$ 700** each for non HKISC/ HKIE Members.

Group Registration: **HK\$ 600** 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 **Miss Miya Lau**, c/o TU743, Department of Civil and Structural Engineering, The Hong Kong Polytechnic University, Hung Hom, Kowloon **by 15 April 2010** (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: [miya.lau@inet.polyu.edu.hk](mailto:miya.lau@inet.polyu.edu.hk). For further information, please contact Miss Miya Lau above.



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### REGISTRATION FORM

*(To be replied on or before 15 April 2010)*

Please follow the 2 steps registration procedure:

1. Fax the completed registration form to *Miss Miya Lau* (Fax: 852-2334 6389) for preliminary registration.
2. Post the completed registration form together with a crossed cheque payable to **The Hong Kong Polytechnic University** to *Miss Miya Lau*, at: Room TU743, Department of Civil and Structural Engineering,  
The Hong Kong Polytechnic University, Hungghom, Kowloon, Hong Kong

**To: Miss Miya Lau**

**Fax: 852- 2334 6389**

**A. Personal Details:**

Title	Name in full (Block Letter)	Name of Company	Tel. (or Fax)	E-mail address
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\$ 600 each x	_____ person(s)	= HK\$ _____
2. Regular registration (Non-member*price)	HK\$ 700 each x	_____ person(s)	= HK\$ _____
3. Group registration (at least <u>5</u> people)	HK\$ 600 each x	_____ person(s)	= HK\$ _____
<b>Total amount:</b>			<b>HK\$</b>

*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: \_\_\_\_\_

**CPD Certificates of Attendance** Please tick the appropriate box to indicate your choice:

Yes, I/ we would like to have CPD certificate(s).       Not request for certificate(s).



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Time	Program
8:45 am	Registration
9:00 am	Welcoming Speech <b>Ir Professor Paul Pang, HKIE Council Member; Past Chairman of Joint Structural Division of HKIE and IStructE</b>
<b>Lecture 1</b> 9:15 am	<i>Practice of Structure Demolition</i> <b>Ir Thomas Wong, YSK2 Engineering Co Ltd</b>
<b>Lecture 2</b> 9:55 am	<i>Demolition Safety</i> <b>Mr. Clint Lo, Sanfield Management Limited</b>
10:35 am	<b>Tea Break</b>
<b>Lecture 3</b> 11:05 am	<i>Demolition Practice in Housing Department</i> <b>Ir Y Y Shiu, Housing Department</b>
<b>Lecture 4</b> 11:45 am	<i>Statutory Requirements for Demolition Works</i> <b>Ir Ken Ng, Secretary of Joint Structural Division of HKIE and IStructE</b>
12:25 pm	<b>Lunch</b>
<b>Lecture 5</b> 2:00 pm	<i>Roles of AP/RSE/RGE in Demolition Works</i> <b>Ir CK Lau, Chairman of Joint Structural Division of HKIE and IStructE</b>
<b>Lecture 6</b> 2:40 pm	<i>Demolition of High Rise Structures, Old Building Structures &amp; Underground Structures – Case Studies</i> <b>Ir Aldows Tang, Ir Paul Cheng, Ir Benjamin Wong Meinhardt (C&amp;S) Limited</b>
3:20 pm	<b>Tea Break</b>
<b>Lecture 7</b> 3:50 pm	<i>Demolition works – legal aspect</i> <b>Mr. Kenneth Ng, Yaddy Cheung &amp; Co., Solicitors</b>
<b>Lecture 8</b> 4:30 pm	<i>Stability Analysis of Scaffolds to Hong Kong Steel Code 2005 &amp; Eurocode (EN 12810-2)</i> <b>Ir Professor S.L. Chan, HKPolyU</b>
5:10 pm	<b>End of Seminar</b>