



Half-day Seminar on Curtain Wall Inspection Methodology

Organized by
Façade Group, Hong Kong Institute of Steel Construction

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

Sponsored by
Dow Chemical Pacific Limited – Dow Performance Silicones

Date :	8 June 2018 afternoon
Venue:	Room FJ301, The Hong Kong Polytechnic University
Time :	1:45 pm (registration) for 2:00 pm to 5:45 pm

Scope and Objective

Curtain wall buildings have been prevalent in the local building industry since 1970s. They are well-engineered structural system comprising mullions and transoms affixed to the structural frame of the building via Halfen Channel Embeds or subsequent Anchor Bolts due to either mis-alignment or amendment of structural frame layout. Glass panes are fixed to mullions and transoms by structural sealants and/or mechanical fixings.

Concern is given to the structural and rain-leakage-free performance of the curtain wall system in buildings, especially when they come under the Mandatory Building Inspection Scheme.

Even though some general guidelines for the inspection methodology of curtain wall system in buildings are stipulated in the Code of Practice for MBIS and MWIS, the issues on specific scope and acceptance criteria of prescribed inspection of curtain wall system in buildings may need elaboration. Hence, a rational inspection methodology is hereby devised based on the best practice offered by local curtain wall experts.

The seminar is tailor-made for the practising building professionals comprising Registered Inspectors, Authorized Persons, Registered Structural Engineers, Technically Competent Persons and façade practitioners to attend.

Language: English and Cantonese.

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Speakers

The **HKISC** is very pleased to invite Ms Nina Yiu of Ove Arup & Partners (Hong Kong) Limited and Ir Dr Dominic Yu of Alpha Consulting Limited to jointly deliver the seminar.

Fees & Registration

Registration rates are devised, please make your reservation now.

Registration	HKISC member	HKIE member or Group of 5 +	Non-member
	HK\$ 500	HK\$ 600	HK\$ 800

The registration includes a copy of the lecture notes, a copy of half-day CPD certificate and tea refreshments.

Should you have further query, please do not hesitate to contact Mr. Tommy LI at man@hkisc.org.

Programme

Time	Programme
1:45 pm – 2:00 pm	Registration
2:00 pm – 3:30 pm	Evolution in the Structural and Serviceability rain-leakage-free Design of Curtain Wall System in Buildings in Hong Kong Case Study by Ms Nina Yiu, OAP
3:30 pm – 4:00 pm	Tea Break, Collection of CPD certificates;
4:00 pm – 5:30pm	Methodology in Prescribed Inspection of Curtain Wall Systems in Buildings in Hong Kong Case Study by Ir Dr Dominic Yu, Alpha Consulting Limited
5:30 pm – 5:45 pm	Discussion Forum – chaired by Dow Chemical Pacific Limited – Dow Performance Silicones Mr. Jack Guan



REGISTRATION FORM
(To be replied on or before 4 June 2018)

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Curtain Wall Inspection Methodology**

Please follow the 2-step 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 within 7 days together with a crossed cheque payable to **Hong Kong Institute of Steel Construction Limited** to *Mr Tommy LI*, at:

Room ZS 972, Department of Civil and Environmental Engineering,
The Hong Kong Polytechnic University, Hungghom, Kowloon, Hong Kong

on or before the deadline.

To: Mr Tommy LI
Personal Details:

Fax: 852- 2334 6389

Title	Name in full (Block Letter)	Name of Company	Tel.	E-mail address	HKISC/HKIE Membership No. (if any)
1.					
2.					
3.					
4.					
5.					

Postal Address: _____

Signature: _____ Date: _____

CPD Certificate 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).

Registration fees

HKISC member	5 HKIE members or group of five	Others
HK\$ 500 each	HK\$ 600 each	HK\$ 800 each

Biographies of speakers



Ms Nina Yiu is an Associate Director who assists in leading building envelope group at Arup Hong Kong. She has more than 20 years of experience in facade consultancy, 14 of which are with Arup. She has extensive experience in building envelope design and project management.

In China, she worked on the first batch of project in Hua Hai Road, Shanghai before 1997, and later on the landmark tall buildings like Shenzhen Kingkey 100, Guangzhou International Finance Center, and recently on Shenzhen Bay CRC headquarters. She has also been involved in many complex developments in the East Asia regions.

Through the years, she faced the change on the requirements, role and involvement of facade consultant in the region, and strive to achieve the best and more appropriate design and service to the client and the project. She approaches design with a client-oriented principle, focusing on innovative and holistic solutions with integration of different systems and materials.



Dr. Dominic YU is a specialist in the structural design and use of glass. He is Principal (Structural Fire and Façade) of Alpha Consulting Limited, providing consultancy services on glass and facade engineering, non-linear integrated design and analysis, structural fire engineering analysis and design, steel and composite design etc. He is Part-time Lecturer in Fire Safety Engineering Programme of University of Central Lancashire & CityU SCOPE. He is also Visiting Lecturer for MSc Module of Façade Engineering in Civil Engineering Programme at the Hong Kong Polytechnic University. Before joining Alpha Consulting Limited, Dr. Yu served as a Specialist and Test Consultant of Research Engineering Development Façade Consultants Limited (RED Façade and Fire HOKLAS Testing Laboratory).

Dr. Yu obtained Doctoral Degree of Philosophy in Structural Engineering, Master Degree in Fire Safety Engineering, and Bachelor Degree in Civil Engineering. He worked as a Research Associate in the Department of Civil and Structural Engineering at the Hong Kong Polytechnic University to serve as a Technical Secretary of the consultancy study contributing to the “Code of Practice for the Structural Use of Steel 2005” and the 2011 version. He also compiled the Explanatory Materials of the Steel Code for Buildings Department. Dr. Yu is Professional Consultant for Consultancy Study of “Structural Use of Glass” for Buildings Department. He is also actively serving the industry and the university by delivering various technical seminars and lectures.