



香港理工大學
土木及環境工程學系
THE HONG KONG

POLYTECHNIC UNIVERSITY

Department of Civil and Environmental Engineering

HKIE
THE HONG KONG
INSTITUTION OF ENGINEERS
香港工程師學會

FIRST ANNOUNCEMENT



Half-day Seminar on High Strength Hollow Sections and Green Steel Solutions

Organized by

Hong Kong Institute of Steel Construction

Supported by

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

Sponsored by

*Tata Steel International (Asia) Ltd.
Wo Lee Steel Co. Ltd.*

Date:	12 th October 2015 (Monday)
Venue:	Room Z205, The Hong Kong Polytechnic University, Hunghom, Kowloon
Time:	1:45 pm (registration) for 2:00 pm to 5:00 pm

Scope and Objectives

Steel Hollow Sections in building construction has become more and more popular owing to the architecturally aesthetic appearance and the structural efficiency under compression loading. The use of high strength hollow sections can reduce member sizes significantly, rendering attractive visual and spacious impacts on the building layout.

The half-day seminar will cover topics on high strength hollow sections S420NH, leading to the lower embodied carbon for environmental, which can reduce construction time and costs, as well as vital factors in green steel solutions. Engineers and designers in private sector and government who are working in building and construction industry are most suitable to attend the seminar as the use of steel hollow sections in construction would lead to economical and efficient design solutions. Lecture notes will be provided.

High Strength Hollow Sections Celsius 420

Celsius 420, the steel material complied with BS EN10210: S420NH, offers stronger, lighter, and more cost-effective and aesthetically appealing structural steel hollow sections to help meet and exceed the most demanding and challenging applications. It provides higher strength with improved weldability due to the low Carbon Equivalent Value (CEV) of 0.45 and requires no pre-heat treatment, while the controlled silicon content ensures good ability for galvanizing.

Speakers

1. Mr. Steve Whitfield, BEng, CEng, MStructE, is the Manager of Customer Technical Services from Tata Steel Group and chartered member of the Institute of Structural Engineers. He graduated from the University of Bradford. He has been in the construction sector for 30 years working with Eurocode and other European Standards, offering design guidance for steel hollow sections and fabrication. Steve has given many technical presentations to Structural Engineers, Architects and fabrications on design and specification of steel hollow sections in Europe, India and Singapore.

2. Mr. Bauke Hoekstra Bonnema, General Manager of Tata Steel Construction Centre and Board member of the steel promotion Institute "Building with Steel". He holds a Msc Civil Eng from the Technical University Delft and an Msc Buss Economics from the University Amsterdam. Tata Steel provides a wide range of construction products, ranging from structural members and flooring products to building envelope systems. Product development at the Construction Centre has a strong focus on sustainability. He was responsible for developing a range of sustainability products. Prior to joining the Construction Centre he worked at Corporate Strategy on a wide range of projects, feasibility studies, finance and investment proposals, acquisitions, in various parts of the world a.o. Malaysia, China and America. He was board member of JV's in Malaysia, France, USA and Canada. Prior to joining Tata Steel he was active in civil engineering, working in design, contracting, and consulting in Africa and Netherlands.

Official Language

English will be the official language.



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Time	Programme
1:45 pm - 2:00 pm	Registration
2:00 pm - 3:15 pm	Sustainable Development of High Strength Hollow Sections (Speaker: Mr. Steve Whitfield)
3:15 pm - 3:30 pm	Tea refreshment
3:30 pm - 4:30 pm	Green Steel Solutions (Speaker: Mr. Bauke Hoekstra Bonnema)
4:30 pm – 4:45 pm	Q & A Section
4:45 pm - 5:00 pm	Collection of CPD certificates End of Seminar

Fees & Registration

The registration fee includes a copy of lecture note.

Regular Registration: **HK\$ 500** each for HKISC/ HKIE Members; **HK\$ 600** each for non HKISC/ HKIE Members.

Group Registration: **HK\$ 500** each for group registration of at least 5 people

CPD Certificates

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

Please send the completed registration form with registration fee to **Ms. Carol Deng**, The Hong Kong Institute of Steel Construction, Room ZS972, Department of Civil and Environmental Engineering, *The Hong Kong Polytechnic University, Hunghom, Kowloon* by **5th October 2015** (Email: carol.deng@hkisc.org, Fax No.: 852-2334 6389). You can download this form on HKISC web (<http://www.hkisc.org>). For technical information, please contact Professor S.L. Chan at 2766 6047.



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REGISTRATION FORM

(To be replied on or before 5th October 2015)

Please follow the 2 steps registration procedure:

1. Fax the completed registration form to Ms. Carol Deng for preliminary registration.
2. Post the completed registration form together with a crossed cheque payable to **Hong Kong Institute of Steel Construction Limited**, Ms. Carol Deng, The Hong Kong Institute of Steel Construction, c/o Room ZS972, Department of Civil and Environmental Engineering, The Hong Kong Polytechnic University, Hunghom, Kowloon, Hong Kong on or before 5th October 2015.

To: Ms. Carols Deng, HKISC

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\$ 500 each x	_____ person(s)	= HK\$ _____
2. Regular registration (Non-member*price)	HK\$ 600 each x	_____ person(s)	= HK\$ _____
3. Group registration (at least <u>5</u> people)	HK\$ 500 each x	_____ person(s)	= HK\$ _____
Total amount:			HK\$

Note: The registration fee includes a copy of lecture note, a copy of CPD certificate and tea refreshment

**HKISC or HKIE 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).