#### **Second announcement**





# **EVENING TALK ON**

# NEW SUPER JUMBOS AND HIGH-PERFORMANCE STEEL TO BS EN 10025 & ASTM A913 STANDARDS RECOGNIZED BY HONG KONG STEEL CODE 2011

Organized by
Hong Kong Institute of Steel Construction
Department of Civil and Structural Engineering, Hong Kong Polytechnic University

Sponsor ArcelorMittal

Supported by Joint Structural Division, Hong Kong Institution of Engineers

Date: 17 February 2012 (Friday)

Venue: Room Y520, Hong Kong Polytechnic University Time: 6:45 pm (registration) for 7:00 pm to 8:30 pm

### Scope and Objectives

The evening talk is devised to promulgate the new super Jumbo sections and high-performance hot-rolled sections manufactured to BS EN 10025 and ASTM A913 standards. These hot-rolled sections are available in S355, S460 (HISTAR) or ASTM A913 / Gr.50, 65 and 70 (345, 450 and 485 MPa). There is no reduction in design strength with respect to increase in section thickness. The steel material is recognized in Hong Kong Steel Code 2011.

These beams can be rolled up to a flange thickness of 140 mm, and all sizes are weldable without preheating up to 460MPa. Built-up sections above 65 mm in thickness need to be preheated at 110°C before welding and the inter-pass temperature must be kept at 110°C. Huge savings of energy can be achieved. The sections can be shipped up to 18 meters which lead to less splices on the job site. The non-preheat is in accordance with the American standard AWS D1.1. Recommendations of BS EN 1011-2:2001 can also be made whereby no preheating is required.

At present, ArcelorMittal has supplied 17,000 metric tones of HiSTAR steel to Shanghai World Financial Centre and 10,000 metric tonnes to One World Trade Centre (formerly known as the Freedom Tower), which is still under construction. The products can definitely bring new thoughts to your project managers, structural engineers and practitioners for an efficient and cost-effective design.

#### **Speaker**

Jean-Claude GERARDY, ArcelorMittal, Commercial Sections, Luxembourg Senior Project Sales Manager ArcelorMittal Commercial Sections S.A. Luxembourg

jc.gerardy@arcelormittal.com HP: +352 621 205369

## Official Language

English language will be use as the delivery medium.

# Registration

The evening talk is admission free.

Should the participant require CPD certificate and handout, registration fees are devised below. Please make your reservation by 10 February 2012.

Programme	HKISC member	HKIE member	Non member
Evening Talk	Evening Talk HK\$ 50		HK\$ 150

The registration fee includes a 1.5-hour CPD certificate and a set of handout.

Should you have further query, please do not hesitate to contact Mr. Sam CHAN at samchan@hkisc.org.





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# **REGISTRATION FORM** (To be replied on or before 10 February 2012)

Please follow the 2-step registration procedure:

4. 5.

- 1. Fax the completed registration form to Mr Sam CHAN (Fax: 852-2334 6389) for preliminary registration.
- Post the completed registration form within 7 days together with a crossed cheque payable to Hong Kong Institute of Steel Construction Limited to Mr Sam CHAN, at:

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The Hong Kong Polytechnic University, Hunghom, Kowloon, Hong Kong, China.						
on or before the deadline.						
To: M	r Sam CHAN				Fax: 8	52- 2334 6389
Personal Details:						
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Item	Total no. of registration	Sub-total
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(Member*price)		= HK\$
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2. Regular registration		
(Non-member price)		= HK\$
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