

## HALF-DAY WORKSHOP ON WELDING OF STAINLESS STEEL

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

Supported by  
Department of Civil Engineering, The University of Hong Kong

Date:	30 October 2015 afternoon
Venue:	Room Z414, The Hong Kong Polytechnic University, Hungghom, Kowloon
Time	1:45 pm (registration) for 2:15 pm to 5:45 pm

### Scope and Objectives

Welding is the process of joining steel components by raising local temperature in order to effectively fuse the two pieces of steel together. This basic definition also applies to a variety of processes such as fusion welding, submerged arc welding, TIG / MIG welding, etc.

At present, welding is widely used in construction industry of Hong Kong and worldwide. Stainless steels are commonly used in building façade construction and joining by welding is prevalent. While the Code of Practice in the Structural Use of Steel 2011 did not cover the requirements of welding and the acceptance of workmanship in stainless steel, the seminar is devised to address the above issue for fellow building professionals and practitioners.

This workshop intends to provide an understanding on the welding of stainless steel by reviewing the basic knowledge and reporting the latest technological development.

The workshop, which is tailor-made for professional engineers, particularly those Technically Competent Persons (TCP) under the Supervision Plan System under the Buildings Ordinance, aims to equip them with basic knowledge in the welding of stainless steel and to enlighten them in the quality supervision of welding works.

The speaker of the workshop is Mr. S K Babu, who is the director of ASTAR NDT Consultants Ltd. Mr. Babu acquired his BEng and MEng degrees from Australia and gained a number of internationally recognized qualifications in non-destructive testing & welding, Mr. Babu is a Chartered Engineer from The Welding Institute, UK & the Institute of Engineering & Technology, UK. He is a Fellow of NDTSS, Singapore. HKICA, Hong Kong & FCMI, Chartered Managers Institute, UK

### *Official Language*

English will be the official language medium of the workshop.

### *Fees & Registration*

Registration rates are devised, please make your reservation now.

Programme	HKISC and HKIE members and group registration of 5+	Non-member
Workshop	HK\$ 500	HK\$ 700

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

Should you have further query, please do not hesitate to contact Mr. Sam CHAN at [samchan@hkisc.org](mailto:samchan@hkisc.org).

## Programme

<b>Time</b>	<b>Programme</b>
1:45 pm	Registration
2:15 pm	Introduction of Stainless Steel
2:45 am	Basic Welding Metallurgy
3:15 pm	Welding Process for Stainless Steel
3:45 pm – 4:00 pm	Tea Break
4:00 pm	Preliminary Welding Procedure Specification & Welding Procedure Approval Test
4:30 pm	Defects & Discontinuities in Stainless Steel Welds
5:00 am	Testing & Inspection of Stainless Steel Welds
5:30 pm	Q & A
5:45 pm	End

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### REGISTRATION FORM ( To be replied on or before 29 October 2015 )

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 Sam CHAN* at:

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

**on or before the deadline.**

**To: Mr Sam CHAN**

**Fax: 852- 2334 6389**

Personal Details:

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

Item	Total no. of registration	Sub-total
1. Regular registration (Member*price)	_____ person(s)	= HK\$ _____
2. Regular registration (Non-member price)	_____ person(s)	= HK\$ _____

Postal Address  
(for official receipt):

I enclose a crossed cheque (no. \_\_\_\_\_) with a sum of HK\$ \_\_\_\_\_ for the registration fee of the captioned Workshop.

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).