



香港  
鋼結構學會  
Hong Kong Institute of  
Steel Construction



DEPARTMENT OF  
CIVIL AND ENVIRONMENTAL ENGINEERING  
土木及環境工程學系

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

## HALF-DAY SEMINAR ON APPOINTMENT OF PROPER PERSONNEL AS TCP-T3 UNDER THE RSE STREAM OF SITE SUPERVISION PLAN

Organized by  
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  
PROVA Inspection & Testing Co., (Hong Kong) Ltd.

Date:	24 August 2018 (Friday afternoon)
Venue:	Room HJ302, The Hong Kong Polytechnic University, Hungghom, Kowloon
Time	1:45 pm (registration) for 2:00 pm to 5:45 pm

### Scope and Objectives

Welding has been widely used in the local construction industry for decades. While advances in welding technology may enhance the design and quality of welded structures, it is imperative for the RSE to appoint proper personnel to help him supervise the welding and related steelworks on site to ensure construction safety as well as built quality in strict accordance with the approved plan. Under the normal practice, such personnel is the Senior Certified Welding Inspector (CWI).

Under the Buildings Ordinance, the Registered Structural Engineer (RSE) is required to

- i. certify the design preparation of welding works in the prescribed structural plan when they make application of the structural plan for approval via Form BA5.
- ii. certify that the completed welding works are constructed safely as per the approved structural plan under the Buildings Ordinance via Form BA13 / BA14. This comprises fabrication to the approved plan and adherence to the Quality Assurance Scheme (QAS) while ensuring welding works at all stages are carried out safely.

The Code of Practice for The Structural Use of Steel 2011 stipulates the requirements and best practice in welding, which will be deem-satisfied when these requirements are complied with.

With respect to the QAS of welding works, it covers the quality assurance from raw material all the way up to the final welding works. Simply, the QAS of welding works are validated by

- i. mill certificates of raw steel material
- ii. Welding Procedure Specifications (WPS),
- iii. Welders' Certificates (WC); and
- iv. subsequent non-destructive tests (NDTs).

Under the Site Supervision Control Regime, although Senior CWI does not play any particular role, he is qualified to perform the duties of quality control supervision under the RSE stream so as to ensure the welding works are carried out safely and with built quality.

Only when Senior CWI is employed as TCP-T3 under the RSE, the responsibility of the RSE is sufficiently protected and the risk of liabilities against negligence is significantly mitigated. Hence, the RSE's professional integrity is safeguarded.

The seminar is tailor-made for building professionals, particularly RSEs under the Supervision Plan of the Buildings Ordinance, to become aware of the cardinal role of Senior CWI as TCP-T3.

HKISC is pleased to invite the speaker **Ir. Sajeesh K BABU**, who is the Director of ASTAR NDT Consultants Ltd, A testing laboratory established in Hong Kong, Macau & China.

Ir. Babu holds a Master of Engineering from University of South Australia. He is a Registered Professional Engineer (Manufacturing & Industrial). He is also a Chartered Engineer from Engineering Council, UK under The Welding Institute (TWI) and Institute of Engineering Technology (IET). He is currently the Chairman of International Committee of NDT, Vienna.

He has gained many Certifications in Non-destructive Testing to ASNT & ISO 9712 Level 3, Welding, Painting Inspection, Asset Integrity and QHSE Management Systems and is an expert in non-destructive testing of welded joints including Advanced Phased Array Ultrasonic. He has over 22 years of experience in Testing, Inspection & Quality Control.

**Official Language**

English will be the official language medium of the seminar.

**Fees & Registration**

Registration rates are devised, please make your reservation now.

Seminar Registration Fee	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, tea refreshments. Should you have further query, please do not hesitate to contact Mr. Sam CHAN at [samchan@hkisc.org](mailto:samchan@hkisc.org) or Mr. Tommy LI at [man@hkisc.org](mailto:man@hkisc.org).

**Programme**

Time	Programme
1:45 pm	Registration
2:00 pm	Control of Welding in Buildings under the Buildings Ordinance
3:30 pm – 4:00 pm	Tea Break
4:00 pm	Appointment of proper personnel as TCP-T3 under the RSE stream of the Site Supervision Plan
5:30 pm	Q & A
5:45 pm	End



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### REGISTRATION FORM

*( To be replied on or before 21 August 2018 )*

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:

The Hong Kong Institute of Steel Construction / HKISC  
c/o Room ZN912, Department of Civil and Environmental Engineering,  
The Hong Kong Polytechnic University, Hunghom, Kowloon, Hong Kong.

**on or before the deadline.**

Title	Name in full (Block Letter)	Name of Company	Tel.	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 Seminar.

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).