

HALF-DAY SEMINAR USE OF COLD-FORMED SHEET PILES

Organized by

Jointing, Welding and Cold-Formed Steel Group, Hong Kong Institute of Steel Construction

Supported by

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

Organizing Sponsors

Oriental Sheet Piling (China) Co. Ltd

Date:	16 March 2012 (Friday afternoon)
Venue:	Room HJ305, Hong Kong Polytechnic University, Hunghom
Time:	1:30pm for registration ; 2:00pm to 6:00pm for Seminar

Scope and Objectives

From material properties point of view, most engineers prefer using hot-rolled steel sheet piles to cold-formed steel sheet piles owing to misunderstandings that welding is restricted in cold-formed steel and excessive bending would cause significant reduction in ductility and notch toughness.

From structural engineering point of view, disparities arise in the assessment of the section modulus of sheet pile element as engineers may argue about its significant reduction which is associated with ineffective shear transfer at clippings of contiguous pile elements. This always ends up with a resolution by welding the pile elements at the clipping location, thus leading the engineers to use hot-rolled steel sheet piles.

As we all know, cold-formed steel are produced by cold rolling of hot rolled coil/strips to shapes and sections, and there are several means to permit welding in cold-formed zone as stipulated in the newly published Hong Kong Steel Code 2011.

This seminar not only depicts the production and quality assurance of cold-formed steel sheet piles to BS EN 10249, but also presents a rationale design approach to BS EN 1993-5 to overcome the dividing views on the section modulus assessment due to lack of shear transmission at the sheet pile clippings.

The seminar will be scheduled on 16 March 2012. Speakers will comprise local and overseas professionals. Engineers and designers in private sector, government authorities and contractors, who are working in construction industry, are most appropriate to participate.

Half-day CPD certificate will be issued to the participants. Please make your reservation at your convenience.

Official Language

English will be the official language. Lecture notes and CPD certificate will be given to participants. The registration fees of the seminar are given as follows: -

Programme	HKISC and HKIE members	Others
Half-day Seminar	\$ 500	\$ 700

Biodata of Speakers

Ir Dr Victor LI Kai Shun

Director – Victor Li & Associates Ltd.

Dr. Victor Li is the Past Chairman of the Association of Geotechnical and Geo-environmental Specialist, Hong Kong, HKIE Geotechnical Division and HKIE Building Division. He is a member of the Technical Committee on Code of Practice for Foundations and also the Past Chairman of the Geotechnical Engineers Registration Committee. Dr. Li is active in promoting new technologies in geotechnical engineering and has issued over 200 publications in various fields of civil engineering.

Mr. Phang Kam Soon

General Manager - Oriental Sheet Piling (OSP- Malaysia)

Mr. Phang Kam Soon graduated with Civil Engineering honour degree from University of Malaya Kuala Lumpur, Malaysia. He started as practicing Geotechnical and Highway Engineer. After that he was a R&D and Design Engineer for geotechnical work involving retaining wall and ground improvement works. Having experience of over 10 years in geotechnical and foundation works, currently he is the General Manager of ASEAN Sales team in Oriental Sheet Piling, with support from Design Department and R&D Department from ArcelorMittal HQ in Luxembourg. He is also involved in the latest state of art steel foundation design, application, standards, technical conformity and manufacturing process.

Mr. Goh Kian Sin

Managing Director - Oriental Sheet Piling (OSP)

Mr. Goh is the Managing Director of OSP. Being the founder of the Group, he has more than 20 years experience and knowledge in the steel industry, particularly in Steel Foundation Solutions.

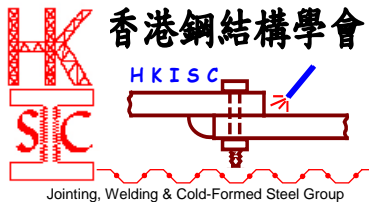
Throughout his career, he has accumulated invaluable skills and inspired others with his integrity, dedication, and readiness to confront new challenges.

Amongst other things, he took a bold move to be one of the first manufacturers of Heavy Gauge Cold Formed sheet piles in Asia. Mr. Goh's visionary approach and keen business acumen certainly augur well for the Group especially in its business direction and has made cold formed sheet piles a widely acceptable product around the world.

He is qualified as a Certified Public Accountant from Australia. He holds a Bachelor of Business Degree from The University of Southern Queensland (Australia) and a Master Degree in Business Administration from The University of Hull (England).

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

Hong Kong Institute of Steel Construction



HALF-DAY TRAINING
USE OF COLD-FORMED SHEET PILES
REGISTRATION FORM
(To be replied on or before 9 March 2012)

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
c/o Room TU743, Department of Civil and Structural 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.						

Postal Address
(for official receipt):

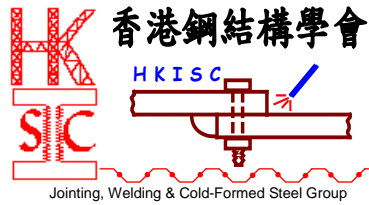
I enclose a crossed cheque (no. _____) with a sum of HK\$ _____ for the registration fee of the captioned Seminar.

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).

Hong Kong Institute of Steel Construction



HALF-DAY SEMINAR
USE OF COLD-FORMED SHEET PILES

Seminar programme on 16.03.2012 (Friday pm)	
Time	Programme
1:30-1:55pm	Registration
1:55-2:00pm	Welcome Speech <i>Ir Prof S L Chan – President of HKISC</i>
2:00-3:00pm	A discussion on the design of U-type sheet piles for cofferdams <i>Ir Dr Victor Li</i>
3:00-4:00pm	Steel Sheet Pile Design & Application <i>Mr. Phang Kam Soon</i>
4:00-4:30pm	Tea break
4:30-5:30pm	Heavy Gauge Cold Formed Manufacturing <i>Mr. Goh Kian Sin</i>
5:30-5:55pm	Q&A forum
5:55-6:00pm	Concluding remarks & distribution of CPD certificates