

# WELDING IN STRUCTURAL ENGINEERING

3-½ DAY WORKSHOP

**Jointly organized by  
Safety Accident and Failure Experts Ltd.  
&  
HKIE Materials Division**

Date: 28, 29 (Half Day), 31 Oct & 1 Nov., 2011  
Venue: Royal Park Hotel, Shatin

## Workshop Outline

The workshop has been successfully run 19 times before. It is designed to enable engineers and others to exploit the undoubted opportunities through welding, whilst avoiding potential problems related to the use of welding.

The workshop will cover such topics as welding processes and technology, the metallurgy aspects of welding, the effects of welding on common structural metals, the implications of welding for the engineer, the testing and assessment of welds, and the application of fracture mechanics in quality assurance procedures and defect assessment.

Detailed notes entitled “Welding in Structural Engineering” will be supplied to all registrants. The set of notes will form the basis of the workshop presentations, and also provide considerable additional information on a number of topics not specifically covered in the workshop.

This workshop will be of particular value to engineers, architects and builders involved with welding or welded structures, and to materials scientists, metallurgists and N.D.T. personnel who may have little or no previous experience with welding. The workshop will also be of value to welding foreman, supervisors and inspectors who wish to improve their understanding of metallurgy, defect assessment and quality assurance.

Attendance certificates (designed for **3.5 days CPD**) will be issued to all participants completing the workshop. However, participants are encouraged to take the examination to be held after the workshop to test his/her understanding of the workshop materials.

## Workshop Leaders

Prof. S. R. Yeomans, Senior Visiting Fellow, School of Engineering and Information Technology, University of New South Wales @ ADFA, Australia

## Workshop Fee (includes notes, 3 lunches and coffee/tea)

HK\$6,800: For registrations (with payment) received on or before 30 September 2011

HK\$8,200: After 30 September 2011

(10% discount for HKIE members, or for group registration of 3 or more)

## Registration & Enquiries

Please mail the completed enrollment form together with the registration fee to:  
Safety Accident & Failure Experts Ltd. ,  
203 Cheung Shu Tan, Tai Po, New Territories.

**Attention: Ms. Dorothy Lee**

Please make cheque payable to “**Safety Accident & Failure Experts Ltd.**”.

Enquiries: 2850 6822 (Tel) / 2541 4517 (Fax) / manager@safeltd.com.hk

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## Welding In Structural Engineering Enrollment Form

Name: (Ir./Prof./Dr./Mr./Ms) \_\_\_\_\_

Chinese Name: \_\_\_\_\_

HKIE Member (Membership Number \_\_\_\_\_) (Please provide your membership number to enjoy 10% discount) (For Group Registration, please staple the forms together).

Company: \_\_\_\_\_

Position: \_\_\_\_\_

Mailing Address: \_\_\_\_\_  
\_\_\_\_\_

Phone: \_\_\_\_\_ Fax: \_\_\_\_\_

Mobile: \_\_\_\_\_

E-mail: \_\_\_\_\_

I enclose herewith a cheque No. \_\_\_\_\_ (Bank: \_\_\_\_\_)  
of amount HKD \_\_\_\_\_, being payment for the registration fee for the workshop to be held between 28 Oct to 1 Nov. 2011.

Signature: \_\_\_\_\_ Date: \_\_\_\_\_