



INTERNATIONAL MOLYBDENUM ASSOCIATION
THE VOICE OF THE MOLYBDENUM INDUSTRY

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STAINLESS AND NICKEL ALLOYS IN THE PETROCHEMICAL INDUSTRY: A WORKSHOP

**26 October 2016
(Wednesday)
0830 to 1700 Hrs**

*6 PDUs by Professional
Engineer Board (PEB)
CPD Programme*

INTRODUCTION

The petrochemical and refining industries provides a wide range of challenging chemical and temperature regimes that require proper design, materials selection and fabrication to ensure durable and economic operation.

This workshop provides less experienced personnel with an introduction to the possible problems and how they can be overcome and, for project, maintenance or inspection workers it gives useful background information on the behaviour of materials in these varied environments. Experienced practitioners should find it a useful review of materials and practices.

ABOUT NICKEL INSTITUTE

Nickel Institute (NI) is the global association of most of the world's primary nickel producers. The NI supports and grows markets for new and existing nickel applications which naturally includes stainless steel. NI also promotes good science, asset management and socioeconomic benefit as the basis for public policy and regulation.

ABOUT IMOA

The International Molybdenum Association (IMOA) is a non profit trade association, representing the majority of the molybdenum industry worldwide. IMOA promotes appropriate use of molybdenum through education, publications and targeted research projects. It also seeks to ensure appropriate regulation of molybdenum and its compounds, based on sound science

LEAD SPEAKER'S PROFILE

DR. GRAHAM SUSSEX



Dr Graham Sussex has been a materials and corrosion consultant since 1985 first in the UK and then Australia. Since 2001 half his time has been as Technical Specialist for the ASSDA answering industrial technical enquiries, giving presentations and writing technical articles mainly about stainless steel and its applications. More recently he has acted as a consultant for the Nickel Institute both in answering technical enquiries and giving presentations in Asia.

SUPPORT SPEAKER'S PROFILE

DR DAVID NICHOLAS



Dr David Nicholas is the principal of Nicholas Corrosion Pty Ltd, a consultancy firm specialising for over 35 years in corrosion and materials engineering issues. He is a former President of the Australasian Corrosion Association, holder of their Corrosion Medal, and a Life Member of the Association.

STAINLESS AND NICKEL ALLOYS IN THE PETROCHEMICAL INDUSTRY

The seminar relates to the Petrochemical Industry and has been developed from seminars prepared by Nickel Institute consultants. The 6 sessions include relevant examples from the industry and include:

1. Introduction to stainless and high nickel alloys
2. Aqueous corrosion
3. High temperature corrosion mechanisms
4. High temperature strength & microstructural stability
5. Refinery and petrochemical applications including heat exchangers, de-aerator cracking and CUI
6. Welding and fabrication

DATE, TIME, VENUE & FEE

Date: 26 October 2016
(Wednesday)
Time: 8:30 am – 5:00 pm
Venue: Furama City Center Hotel
60 Eu Tong Sen Street S(059804)
Fee: S\$350.00 per person
(include 7%GST)

The fees include admission to the
Workshop / Refreshments & Lunch

REGISTRATION FORM

E1) 24 Oct 16 – Stainless Steel in Water Treatment
E2) 26 Oct 16 – Stainless Steel & Nickel in Petrochemical Industry

Pricing Table	SGD
Early Bird Discount!!! before 30 Sept - book 1 single event	320.00
Early Bird Discount!!! before 30 Sept - book 2 events together	560.00
After 30 Sept – book 1 single event	350.00
After 30 Sept – book 2 events together	600.00

Name1 (Mr / Ms) : _____
Designation : _____
Name2 (Mr / Ms) : _____
Designation : _____
Name3 (Mr / Ms) : _____
Designation : _____
Name of Co. : _____
Contact Person : _____
Address: _____

Email add: _____

To register, please fill in the Registration Form above and fax to **6274 4055**, or e-mail it to secretariat@sws.org.sg by **10 October 2016 (Monday)**

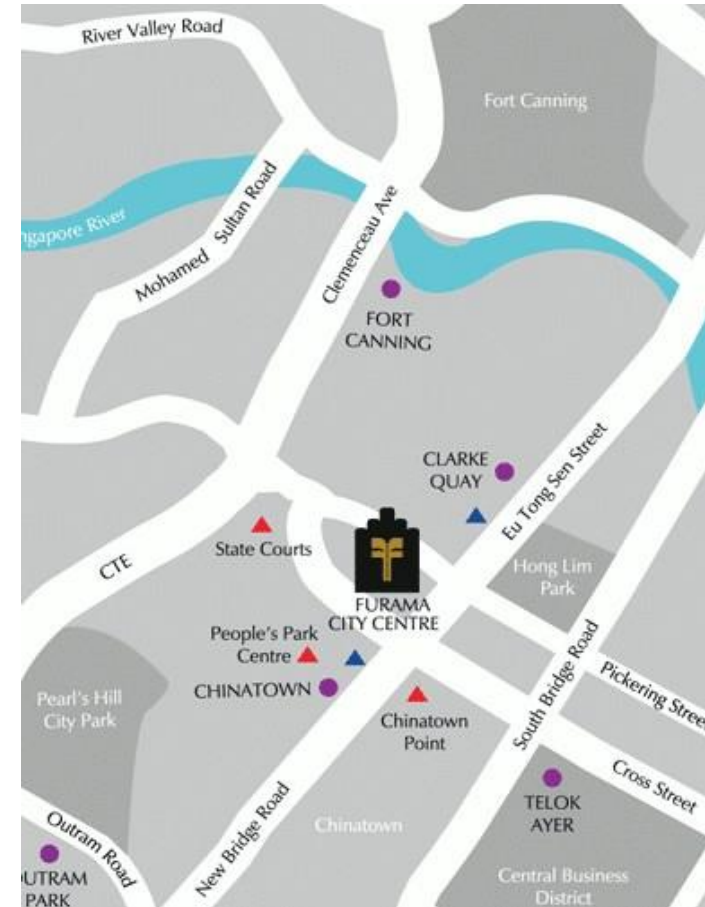
All cheques should be made payable to:
“**SINGAPORE WELDING SOCIETY**” and accompanied by a copy of the completed filled-in registration form to the following address:

Singapore Welding Society

Block 1003 Bukit Merah Central #04-16 Singapore 159836 (**Attention:** Ms Melissa Ng / Ms Marion Ng)

Please contact 65 6779 7706 for more information.

LOCATION MAP OF FURAMA CITY CENTRE HOTEL, 60 Eu Tong Sen Street S(059804)



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