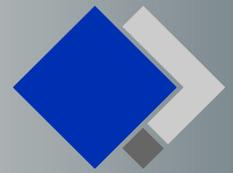


NATIONAL SEMINAR SERIES - 2017

Design for Corrosion Protection



AUSTRALIAN STEEL INSTITUTE

Corrosion Protection of Structural Steelwork

Corrosion protection is a vital and often expensive facet of steel design but possibly the area least understood by engineers and architects.

This seminar is designed to provide engineers and architects with the necessary guidance to understand the applicability of existing corrosion protection specifications and for selecting an appropriate cost-effective coatings system to meet the requirements of AS/NZS 2312 'Guide to the protection of structural steel against atmospheric corrosion by the use of protective coatings' and the newly released AS/NZS 5131 'Structural steelwork – Fabrication and erection'.

Speakers

- ◆ **Rob Francis** Chair AS/NZS 2312 Part 1 on **paint coatings**
- ◆ **Peter Golding** (GAA) Chair AS/NZS 2312 Part 2 on **galvanizing**

This national series is supported by the Australian Steel Institute's [Australian Steelwork Corrosion and Coatings Guide](#) (valued at \$110 for ASI members and \$165 for non-members.) based on AS/NZS 2312 which will be provided together with seminar notes for all attendees. The Guide and Seminar focus on providing practical information based on the numerous enquiries on the subject that the ASI has responded to over the years.

Time

12.00 pm for 12.30 pm start to end at 5.00pm

Seminar Package

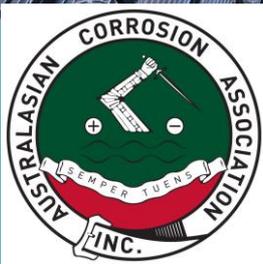
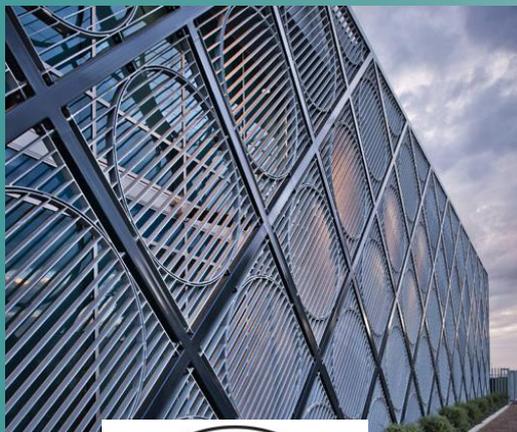
- ◆ [Australian Steelwork Corrosion and Coatings Guide \(PDF\)](#)
- ◆ **Seminar notes (PDF)**
- ◆ **Light lunch on arrival Afternoon tea**

Seminar Fee (incl. GST)

\$380 ASI, GAA and ACA members
\$455 EA and AIA members
\$525 Non-members

Brisbane	Mon 22 May	Brisbane Convention & Exhibition Centre, cnr of Merivale & Glenelg Streets, South Bank
Sydney	Tues 23 May	Yang Room, Urban Hotel, 194 Pacific Hwy (cnr. Bellevue Ave.), Greenwich
Melbourne	Wed 24 May	The Pullman Hotel, 65 Queens Road, Albert Park
Adelaide	Mon 29 May	Education Development Centre, 4 Milner Street, Hindmarsh
Perth	Tues 30 May	Chamber of Commerce and Industry WA, 180 Hay Street, East Perth

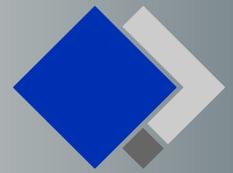
Please register online at <http://steel.org.au/events/asi-events/>
GAA, ACA, AIA and EA members should first email margritc@steel.org.au with proof of their membership to obtain the discount before registering.



galvanizers
ASSOCIATION OF AUSTRALIA

For further details contact John Gardner – ASI National Education Manager - Technical

Tel: (07) 3853 5320 Email: johnhg@steel.org.au Web: www.steel.org.au



The Seminar and Guide aim to help inform designers on corrosion protection for structural steelwork to achieve the design life of the asset and to interpret AS/NZS 2312 to gain an understanding of this steelwork corrosion protection specification. It will also aid in understanding the process a corrosion professional will undertake in determining a suitable corrosion protection system for a particular environment. It has also been designed to be useful for the engineer, constructor, client, fabricator and protective coatings supply chain to understand specification requirements and current thinking as to how to achieve the results the specifier is looking for.

Comments from previous seminar:

"A thorough well presented set of subjects with high relevance to my area of work, very relevant to the variety of construction projects that BMPX gets involved in." **Richard Hodgett (Brookfield Multiplex)**

"Well done by ASI to present workshops and seminars which make a difference by informing delegates on this hot technology topic." **Richard Shedlock (Department of Mines and Petroleum WA)**



Seminar Details

Following the ASI Australian Corrosion and Coating Guide this seminar will cover:

INTRODUCTION

- Introduction to the Corrosion Standard AS/NZS 2312
- Steps to determining an appropriate coating system
- How to determine environmental corrosivity
- Design and fabrication issues

PAINT COATINGS

- Importance of surface preparation
- Types of protective coatings
- Selecting the optimum AS/NZS 2312 paint system.
- Inspection and quality control
- Maintenance and recoating
- Examples of paint specifications for a range of environments
- Implementation of the new Australian Standard AS/NZS 5131

ZINC COATINGS

- Types
- Design considerations
- Internal steelwork
- Lintels
- Coating durability
- Inspection and maintenance
- Lifecycle Costing
- Specifications for hot-dip galvanizing
- Duplex coatings
- Durability in non-atmospheric environments
- Implementation of the new Australian Standard AS/NZS 5131

Technical Partner

