The new National Structural Steelwork Specification and AS/NZS 5131. tools for risk minimised procurement outcomes

Hosted by the Illawarra-Sutherland Regional Group

With the NSW Government to mandate steelwork for its massive infrastructure program to be specified to the new AS/NZS 5131 standard covering structural steelwork fabrication and erection from this October, engineers, fabricators and procurers will need to understand the requirements and path to compliance through the supporting National Structural Steelwork Compliance Scheme (NSSCS).

The new Australian Standard AS 5131 Structural steelwork - Fabrication and erection published in late 2016 requires engineers to specify a steel fabrication Construction Category in their project specifications. The Construction Category establishes the correct level of quality and assurance controls to ensure the structure meets the engineer’s design assumptions and level of risk mitigation under obligations implicit in the Workplace Health & Safety Act. The fabricator must have the processes in place to satisfy the specific Construction Category.

Significantly, the NSSS clearly articulates the three notional structural layers within AS/NZS 5131, being the ‘good practice layer’, the ‘risk-based layer’ and the ‘project specific layer’. The NSSS makes it straightforward for engineers and specifiers to establish a clear project specific quality benchmark and is hence an important tool for engineers to demonstrate duty of care in managing risk on structural steelwork projects.

This presentation will explore the background and basis for AS/NZS 5131, the structure of the NSSS and how to apply it, and a range of other support tools that ASI has developed to support improved compliance outcomes. The presentation also showcases the recent revision to the NATSPEC suite of documents, to reflect AS/NZS 5131 requirements and alignment with the NSSS.

**VENU**

Ic Ocean Room (2nd Level)
IC Central Building (BLD 230)
Innovation Campus
Squires Way
North Wollongong
*Note: Parking charges may apply *

**DATE & TIME**

Tuesday 12th September 2017
6:00 pm for a 6:30 pm start.

**COST (incl. GST)**

EA Members &
Students: Complimentary

ASI Members: Complimentary
(Email or phone event contact to register)

Non-members: $30

**REGISTRATIONS CLOSE**

COB Friday 8th Sept 2017

**EVENT CONTACT**

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Attendance is highly recommended to: Engineers; Steel fabricators; Procurers and clients; Distributors and steel stockists, processors and subcontractors.

Please feel free to forward invitation to your contacts and networks that may have an interest or may be affected by these changes.

**SPEAKERS**

Peter Key BE, PhD
Dr Peter Key is the National Technical Development Manager for the Australian Steel Institute (ASI). Peter has over 25 years of experience in the design of steel structures in a design & construct environment both locally and internationally. Since joining ASI Peter has been responsible for a number of training and technical deliverables, including the ‘Steelwork Fabrication and Erection Code of Practice’ and subsequent development of the new AS/NZS 5131. Peter sits on a number of Standards committees and is a member of the EA Sydney Division Civil & Structural Panel.

Kevin Rooney CEng, MICE
Kevin Rooney is the Engineering Manager at NATSPEC, publisher of the National building specification of Australia. He has been involved in the design and construction industry for over 20 years, working on a wide variety of building types and a range of civil works. Since joining NATSPEC in 2011 he has been a key figure in the continuing development of NATSPEC and AUS-SPEC, the National Local Government Specification system and he sits on Standards Australia committee TM-012. He has also been involved in the development of the NATSPEC BIM papers and guides, including authoring NATSPEC’s Getting started with BIM paper.