

Beyond AS 4100

A frank discussion on the application of design standards to minimize engineers' risks

With increased pressure on structural engineers to deliver designs in reduced time and at competitive fees together with ensuring safe structures, this seminar aims to assist engineers with how steel design and fabrication standards can be applied cohesively rather than in combat.

Increase your skills and knowledge and reduce the risk of failure by learning from industry experts Dr Peter Key and Mr Doug Hawkes! The seminar will also give participants the opportunity to provide feedback and comment on where structural standards are heading and how they can be improved.

The seminar content includes:

Mr Doug Hawkes, Principal Structural Engineer, Managing Director, Structural Integrity Engineering

- History and Players in the game (The divergence of 'distance' from the designer to the constructor)
- Get off my patch (Who should be doing something?)
- Design Standards (What do they cover and what happens when they don't cover the circumstances)
- Materials & Fabrication Standards (Relationship to design, who makes the call when changes occur)
- Legal Responsibility (Whose is it?)
- How do we make this all work? (Bringing it all together)

In combination with:

Dr Peter Key, ASI National Technical Development Manager

- AS/NZS 5131 "Structural Steelwork Fabrication & Erection" – released Dec 2016
- Revised AS/NZS 1252 on high strength bolts including new Part 2 on verification testing
- New erection guidelines for structural steelwork
- Changes/updates to steel product Standards and welding Standards
- New AS Technical Standard on mech/chem anchors and guidelines from AEFAC
- Newly developed 'National Structural Steelwork Specification' and 'Standard Drawing Notes' from ASI

Presenters

Doug Hawkes is Principal Structural Engineer and Managing Director of Structural Integrity Engineering. His extensive experience in steel design includes the design and design auditing of bulk materials handling machinery and mining and heavy industrial infrastructure. This experience extends to a detailed knowledge of Australian and International structural design, machine design, materials and fabrication standards. Doug is the drafting leader on Standards Australia Committee ME – 043 responsible for AS 4324.1

Dr Peter Key is ASI's National Technical Development Manager and a regular presenter on steel design and construction. He is part of Standards Australia Committee BD-001 responsible for AS/NZS 4100 Steel Structures Code and the new AS/NZS 5131 Structural Steelwork – Fabrication & Erection Standard.

Times

12.00pm for 12.30pm start to 5.00pm finish

Seminar Package

Seminar Notes (PDF)

Afternoon Tea

Light lunch on arrival

Seminar Fee

\$350 ASI/WTIA Member incl. GST

\$425 EA Member incl. GST

\$495 Non Member incl. GST

Engineers attending this seminar may gain CPD points to meet Engineers Australia requirements.

EA Members who are not ASI members should email margritc@steel.org.au with proof of membership to obtain the promotion code to access the EA Member reduced fee. WTIA members should email margritc@steel.org.au with proof of membership to arrange their registration offline.



Technical Partners



Doug Hawkes



Dr Peter Key

Feedback received from attendees of this seminar held in the southern states includes:

- "Good practical material – well delivered"
- "Excellent presentation and content"
- "Very impressed with the speakers' presentation, candidness, knowledge and keenness to respond to queries"

Location	Date	Venue
Darwin	Tuesday 26 Sept	Engineers Australia Northern Division, Ground Floor, 9 Cavenagh Street, Darwin

Register online at: <http://steel.org.au/events/asi-events/>

For further details, contact: **John Gardner** – ASI National Education Manager – Technical

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