Minimising risk with structural fasteners
Design, procurement and installation perspectives

Construction supply chains have changed fundamentally in the past 10-15 years with globalisation challenging quality and compliance of products. The pace of change often outstrips established regulatory frameworks aimed at ensuring health and safety, leading to increased risk for all stakeholders in the value chain. This is most evident with procurement of fasteners such as high-strength bolts and mechanical and chemical anchors, with continuing industry concern that compliance and installation is problematic.

Seminar value
The seminar will provide clarity for all parties in the construction supply chain, supporting transparent and defendable design, procurement and installation practices and supporting obligations under the new Safe Design of Structures national Code of Practice, in line with the national Work Health and Safety Act 2011. This seminar will:

- Clarify current procurement processes for structural fasteners, specifically high-strength bolts and chemical and chemical anchors.
- Address design aspects and performance requirements for design and the role of designers in ensuring compliance.
- Guide and firsthand demonstrate how to correctly install fasteners to meet performance requirements.
- Outline current compliance frameworks.
- Look at industry initiatives underway to help stakeholders meet their regulatory obligations.

It will greatly assist:
- Structural designers and those who need to understand and specify structural fasteners
- Fabricators and design-build contractors to appreciate the performance requirements and the correct installation procedures
- Procurers and all others in the supply chain needing to understand their health and safety obligations and embrace best practice to minimise risk.

Registration for all attendees includes:
- Seminar notes
- Lunch, afternoon tea and drinks after the event

Seminar Fee (incl. GST)

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For further details contact Dr Peter Key, ASI National Technical Development Manager
Tel: 02 9931 6609  Email: peterk@steel.org.au  Web: www.steel.org.au
BRISBANE (Tuesday, 20 November)
Brisbane Convention and Exhibition Centre, cnr. Grey and Glenelg Streets, South Brisbane

SYDNEY (Wednesday, 21 November)
Vibe Hotel, 88 Alfred Street, Milsons Point

ADELAIDE (Thursday, 22 November)
Education Development Centre, 4 Milner Street, Hindmarsh

MELBOURNE (Tuesday, 27 November)
ATC 420, Lvl.4 of ATC Building, cnr. Burwood Rd & John St, Swinburne University of Technology

PERTH (Thursday, 29 November)
Wardroom, South of Perth Yacht Club, cnr. Duncraig & Canning Beach Rds, Coffee Point, Applecross

Expert speakers

The high strength bolts session will be led by Dr Saman Fernando who holds a BSc Eng degree from the University of Peradeniya, Sri Lanka, and obtained his doctorate from the University of British Columbia, Canada, specialising in aerodynamics and thermodynamics. He joined Ajax Fasteners in 1997 focusing on R&D and advanced systems and has become an internationally recognised fastener expert and innovator with extensive research and publishing in fastener and manufacturing engineering. He is also the Principal and Director of SaFer Engineering Solutions, a company specialising in bolt forensics and failure investigations.

The presentation will be supported by international guests, Chris Curvan (Vice President and Field Technical Lead for Applied Bolting, USA) and Tom Ujibayashi (Global Marketing Manager Field Applications for TONE Tools).

The anchors presentations will be delivered by highly experienced engineers who are members of the Technical Committee of the Australian Engineered Fasteners and Anchors Council (AEFAC). The presenters in different states will include James Murray Parkes, Ramil Crisolo, Gary Connah, Joe Rametta, Mike Coburn, Neil Hollingshead and Tarun Joshi. AEFAC is based at Swinburne University of Technology and is chaired by Prof. Emad Gad. AEFAC was established recently to enhance the specification, selection, design and installation of structural anchors and fasteners in Australian construction.

Seminar program

12.00pm Registration and lunch
12.30pm Introduction and Overview
12.45pm Mechanical & chemical anchor design, procurement and installation (includes demonstrations)
3.00pm Afternoon tea
3.30pm High strength bolt design, procurement and installation (incl. demonstrations)
5.30pm Forum and open discussion
6.00pm Drinks and networking

Kindly supported by Hobson Engineering and AEFAC

Book online at ASI’s event registration system at: http://steel.org.au/events/asi-events