

Technical Presentation



AUSTRALIAN STEEL INSTITUTE

AS/NZS 1252 High Strength Steel Bolts with Associated Nuts

Important design and procurement updates you must know

With all structural bolts now imported from overseas, increased pressure is being applied to Engineers to ensure that they are structurally safe! The responsibility of each link in the supply chain is now well defined.

This evening presentation is designed to assist you to manage risk by improving procurement and compliance outcomes for these safety critical products.

If you are an **engineer**, a **builder**, a **procurer**, a **testing authority** or **certification agency**, you need to come along, inform yourself and be part of the journey towards improved compliance outcomes!

The new Standard now comes in 2 parts:

- **Part 1: Product conformity** is similar in intent to the previous version but with a list of improvements (see below)
- **Part 2: Verification testing** is new and provides procurers the option to specifically call up a suite of specific testing to ensure the imported products landed in Australia are compliant with Part 1.

The significant improvements to the Standard include:

- Strengthening of normative requirements around testing and product conformity
- A new section on performance requirements of the bolt assembly and normative requirement for 'assembly testing'
- A new EN 14399-3 Type HR property class 8.8 'alternative assembly type'
- A new EN 14399-3 Type HR property class 10.9 'additional assembly type'
- New definition of performance requirements for bolts suitable for torque-controlled tensioning
- The new Part 2: Verification testing, which finally provides procurers with a unified transparent testing regime to ensure product compliance.

Expert Presenter

Professor Fernando is a world-renowned fastener expert and inventor and is well respected in the Australian fastener industry. With a background in aerospace industry he has contributed immensely to the advancement of fasteners. He has published extensively on fastener technology, manufacturing technology, failure analysis and conducted fastener research via Ajax Technology Centre. He has authored over 20 national and international patents on world-class fastener solutions currently used in the global markets. He is also a bolt forensics expert, having investigated many fastener related failures. He is a mentor of AEFAC, which is located at Swinburne University of Technology where he is currently a professor. He is a member of Standards Committee ME-029, responsible for AS/NZS 1252.

Time: Registrations 5.30 pm for 6.00 pm start to 7.30 pm finish

Cost (includes presentation and refreshments):

\$15.00 ASI member

\$25.00 ASI non-member



Prof Saman Fernando



Location	Date	Venue
Melbourne	Monday 8 May	Amora Hotel Riverwalk, 649 Bridge Road, Richmond
Sydney	Tuesday 9 May	Rydges North Sydney, 54 McLaren Street, North Sydney
Adelaide	Monday 22 May	Hotel Richmond, Balcony Room, 128 Rundle Mall, Adelaide
Perth	Tuesday 23 May	Cambridge Room, City West Receptions, 45 Plaistowe Mews, West Perth
Brisbane	Tuesday 30 May	Brisbane Convention & Exhibition Centre, cnr of Merivale & Glenelg Streets, South Bank

Event Sponsors



This seminar can be used for CPD points.
Join us for drinks and networking following the presentation

Please register at: <http://steel.org.au/events/asi-events>

For further details please contact **Dr Peter Key**, ASI National Technical Development Manager

Tel: 02 8748 0186 Mob 0428 024 316 Email: peterk@steel.org.au Web: www.steel.org.au