



## Design and Installation of Tension Control Bolts

### Design, Procurement and Installation Perspectives

The ongoing international alignment of Technical Standards in Australia offers increasing opportunity for local companies to specify and utilize innovative technology, such as High Strength Friction Grip Tension Control Bolts (TCB's). The use of TCB's is common in the UK, Europe, North America and Asia and presents an opportunity for local specifiers in Australia and New Zealand to minimise risk and benefit from the many installation advantages.

This evening presentation is designed to assist you to manage risk by improving procurement and compliance outcomes including duty of care under WHS for these safety critical fasteners. The presentation will include discussion on code requirements, in particular with regard to installation and what engineers, constructors and erectors need to know. TCB's are quick, safe and easy to install using electric shear wrenches which do not require calibration. Therefore, neither the tool or operator has significant influence on the preload applied.

#### Some of the Presentation Topics include:

- Typical application and Visual Inspection
- Global Trends and Productivity Gains
- Vibration Resistance
- Coating Technology
- Health & Safety Advantages

**Includes Demonstration of  
Installation of 10.9 Grade  
EN14399-10 TCB's**

#### Who Should Attend?

The presentation will provide clarity for all parties in the construction supply chain, supporting transparent and defensible design, procurement and installation practices and supporting obligations.

#### It will greatly assist:

- **Structural Engineers** and those who need to understand and specify structural fasteners
- **Fabricators** and **design-build contractors** to appreciate the performance requirements, the correct installation procedures and benefits
- **Procurers** and all others in the supply chain needing to understand their health and safety obligations and embrace best practice to minimise risk.

#### Speakers

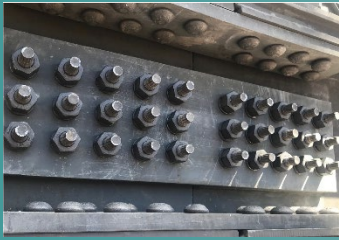
- **Arnie Glausiusz** from Tension Control Bolts Ltd in the UK, with local experts from Konnect Fastening Systems together providing design, technical and installation support.

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

**Cost** (includes presentation and refreshments):

- \$20.00 ASI Member
- \$30.00 EA Member
- \$40.00 Non-member

EA members who are not ASI members should email [membership@steel.org.au](mailto:membership@steel.org.au) with current proof of membership to obtain the promotion code to access the EA Member reduced fee.



Sponsor



This presentation can be used for CPD points

Join us for drinks and networking following the presentation

Location	Date	Venue
Melbourne	Tuesday 29 October	Pullman Melbourne on the Park, 192 Wellington Parade, Melbourne
Sydney	Wednesday 30 October	Kirribilli Club, Lavender Room, 11 Harbourview Crescent, Lavender Bay

Register online at: <https://www.steel.org.au/events-awards/events/>

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

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