ASI webcast seminar - 2020



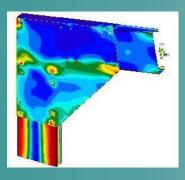
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Tim Messer

Seminar Package

Two webcast Seminars – over 4 hours of content Seminar Notes

Two live Q&A webinars with presenter

Seminar Fee (incl GST)

\$335 ASI Member \$410 EA Member \$480 Non-Member

Design of Light Gauge Cold-Formed Steel Industrial/Commercial Buildings

This seminar has been developed to improve designer knowledge and confidence in the correct application of loading codes and appropriate design of light gauge cold formed steel Industrial/commercial buildings.

There have been some major updates to the design of these structures over the last period and this seminar will look to provide a comprehensive update on all elements while covering a lot of the base information.

Particular focus will be applied to:

- Determination of site wind speed and software for assistance
- · Purlin and girt design
- Portal frame analysis and design
- Roller door framing and door design requirements as per AS1170.2 (amendment 4 and AS1170.2 - 2020 draft).
- · Connections for haunches and bases, including modelling.
- Footing design.

This is a must-attend event for those who wish to remove the stress of designing these wind sensitive structures! If you are an engineer, a builder or a certifier, you need to come along, inform yourself and be part of the journey towards more efficient outcomes!

Structure of presentation:

Part 1 – (2-3 hours) webcast seminar followed by a live Q&A webinar with the speaker

- Loads Dead, Live and Wind, Local Pressure Factors, Software Demonstration and Design Example
- Overview of Portal Envelope Design and design example
- Cladding Design, Purlin and Girt Design
- Load Cases, Types of Analysis, Serviceability, Design Examples
- Critical design concepts catenary forces

Part 2 - (2-3 hours) webcast seminar followed by a live Q&A webinar with the speaker

- Portal Frame Design
- Portal Columns, Rafters and Structural Braces
- Portal Connections, Bracing, Footings, Design Examples
- Critical Elements of Design

Presenter

Tim Messer is a professional engineer and Director of Northern Consulting Engineers with extensive experience in the design of light gauge steel buildings.

Times

- Part 1 webcast seminar (video, audio & slides) available to view from 16 to 17 June
- Part 1 live Q&A webinar (max. 1 hour) with presenter at 11.00 am AEST on 18 June
- Part 2 webcast seminar (video, audio & slides) available to view from 23 to 24 June
- Part 2 live Q&A webinar (max. 1 hour) with presenter at 11.00 am AEST on 25 June

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

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

Registrations close on Wednesday 10 June

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