

Steel

, Modern

steel interchange

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Unless specifically stated, all AISC publications mentioned in the questions and/or answers reference the current edition and can be found at www.aisc.org/specifications.

asked to check every connection on a current project for this axial end reaction. Is this common?

Weld Inspection Acceptance Criteria

AWS D1.1 provides acceptance criteria for both statically and cyclically loaded connections. Since the criteria for cyclically loaded connections are more stringent, should they always be used unless stated otherwise? Is the inspector responsible for deciding between statically and cyclically loaded acceptance criteria?

Specification for Structural Steel Buildings (AISC 360-10) 0,000. Specification Code of Standard Practice for Steel Buildings and Bridges (AISC 360-10) Larry S. Muir, PE

4.4 % Larry S. Muir, PE

Galvanized Architecturally Exposed Structural Steel (AESS)

The November 2017 Modern Steel Construction article "Maximum Exposure" addresses changes that occurred in Section 10 of the 2016 AISC Code and provides other useful advice. A caption to one of the photos states: "AESS can also be galvanized. Design teams should be aware that galvanizing steel does not provide a 'chrome' finish/h. In the project spec expected finish for the galvanizing. Section 10.1.2 of the Code

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Connection to Supports

Section 1.4.4 of ASCE-7 states: "A positive connection for resisting a horizontal force acting parallel to the member shall be provided for each beam, girder, or truss... The connection shall have the strength to resist a force of 5% of the unfactored dead load plus live load reaction imposed by the supported member on the supporting member." I am being

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