moment connections - AISC

rectly may simplify the connections (e.g., CJP welding detail at the bottom flange when flanges match each other). 17. Remember that eccentricity can be neglected in the web shear connections. As explained on page 12-3 in the 13th edition AISC Manual, it is permissible "since, by definition, the angle between

steelwise – AISC

Edition examples). More recently, AISC examples and actual practice have tended to take advantage of this directional strength increase. The strength of a linear weld group loaded in-plane through the center of gravity is the following:

\[ F_w = 0.60 \times \frac{F_{EXX}}{1.5} \times (1.5 + 0.50 \times \sin 1.5\theta) \]

\[ F_w = 0.60 \times \frac{F_{EXX}}{1.5} \times 1.5 \quad \text{for welds perpendicular to loading} \]

Anchor Rods - AISC

Table 14-2 of the 3rd Edition Manual. This will allow for even more tolerance in the foundation for anchor rod placement. Make sure to use a heavy plate washer over the hole. 8 Specifying grout holes in small base plates if the smaller dimension is less than 24 in., do not specify grout holes. Only provide grout holes with large plates.

SINGAPORE STANDARD Code of practice for safe use of...

references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies. BS EN 280 Mobile elevating work platforms. Design calculations. Stability criteria. Safety. Examinations and tests SS 508 Graphical symbols – Safety colours and safety signs

SINGAPORE STANDARD Code of practice for scaffolds

Modern (Singapore) Access & Equipment Pte Ltd... 11 Typical details of a bracket and anchor bolts 27 ... For undated references, the latest edition of the referenced document (including any amendments) applies. BS 1139-1.2 Metal scaffolding. Tubes. Specification for aluminium tube BS 1139-6 Metal scaffolding. Prefabricated tower scaffolds...

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