



### Corrosion Resistance and Shear Connections

The April 2015 *Modern Steel* article “Considering Corrosion” by Steven A. Sebastian ([www.modernsteel.com](http://www.modernsteel.com)) includes several options for shear connections in Figure 4. Among these is a field-welded, single-plate shear connection. The recommended design procedure in the *AISC Manual* is: “The plate must be welded to the support on both sides of the plate and bolted to the supported member.” Is a field-welded, single-plate shear connection acceptable? Is rotational ductility a concern?

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4

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