

Revision and Errata List
Companion to the AISC Steel Construction Manual
Volume 1: Design Examples Version 16.0
Date: May 2, 2025

The following list represents corrections to the Companion to the AISC Steel Construction Manual Volume 1: Design Examples Version 16.0.

Page(s)	Item				
IIA-149	<p>At the end of the <i>Connection Selection</i> check, delete: “The 8-in.-long L6×4×$\frac{5}{8}$ (4 in. OSL) with 5½ in. bolt gage, Connection Type B (four bolts), is acceptable.”</p> <p>Under <i>Available Bolt Shear Strength</i>, revise “L6” to “Connection Type B (four bolts)”</p> <p>Revise the available shear strength check to:</p> <table border="1"> <thead> <tr> <th>LRFD</th><th>ASD</th></tr> </thead> <tbody> <tr> <td>$\phi R_n = 71.6 \text{ kips} > 54.8 \text{ kips}$ o.k.</td><td>$\frac{R_n}{\Omega} = 47.7 \text{ kips} > 36.5 \text{ kips}$ o.k.</td></tr> </tbody> </table>	LRFD	ASD	$\phi R_n = 71.6 \text{ kips} > 54.8 \text{ kips}$ o.k.	$\frac{R_n}{\Omega} = 47.7 \text{ kips} > 36.5 \text{ kips}$ o.k.
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$\phi R_n = 71.6 \text{ kips} > 54.8 \text{ kips}$ o.k.	$\frac{R_n}{\Omega} = 47.7 \text{ kips} > 36.5 \text{ kips}$ o.k.				
IIA-150	<p>At the end of the <i>Bolt Bearing and Tearout</i> check, insert: “The 8-in.-long L6×4×$\frac{5}{8}$ (4 in. OSL) with 5½ in. bolt gage, Connection Type B (four bolts), is acceptable.”</p>				