

a. Create a shop assembly drawing of a straight ~~an~~ straight

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- b. For inspection and NDT, the web-to-bottom flange weld shall be considered in tension.
For Participants/Applicants seeking the Fracture Control endorsement, the web-to-bottom flange weld shall be considered Fracture Critical.
- c. See Table 1 for a description of a

<p>2 Web to Top Flange - SAW Fillet weld</p>	<p>Web to top flange welding must be completed prior to the site audit.</p> <p>Visual inspection and NDT shall be performed in compliance with AASHTO/AWS D1.5.</p>	<p>The on-site auditor shall observe the completed web-to-flange weld. Witness of NDT is not required.</p> <p>The fabricator's QC, inspection, and NDT records shall be made available for the on-site auditor to review.</p>
<p>3 Web to Bottom Flange - SAW CJP groove weld</p>	<p>Web to bottom flange welding must be completed prior to the site audit.</p> <p>Visual inspection and NDT shall be performed in compliance with AASHTO/AWS D1.5.</p>	<p>The on-site auditor shall observe the completed CJP weld. Witness of NDT is not required.</p>



			The fabricator's QC records shall be made available for the on-site auditor to review.
6	CJP welded field splice – (Joint Preparation)	<p>Field weld joint preparation shall be completed prior to the site audit.</p> <p>Visual inspection shall be performed in compliance with AASHTO/AWS D1.5.</p>	<p>The on-site auditor shall observe the completed joint preparation.</p> <p>The fabricator's QC and inspection records shall be made available for the on-site auditor to review.</p>
7	Bolted field splice (Splice Plates)	<p>Field splice connection shall be drilled prior to the on-site audit.</p> <p>Verify that splice plates are tied to their specific location in the bolted connection by the use of the match-marking procedure.</p>	The on-site auditor shall confirm match-marking and placement of the splice plates in compliance with the Fabricator's documented procedure.
8	Pre-installation verification (PIV)	PIV demonstration shall be performed in compliance with RCSC and the fabricator's documented procedure.	The on-site auditor shall observe the pre-installation verification demonstration. Records shall be made available for the on-site auditor to review.
9	Rotational Capacity (Rocap) Testing	Rocap Testing shall be performed in compliance with ASTM F3125 and the fabricator's documented procedure.	The on-site auditor shall observe Rocap Testing. Records shall be made available for the on-site auditor to review.

10 Bolt installation	Pretensioned bolt installation using the turn of the nut method in compliance with RCSC shall be performed at the time of the audit.	The on-site auditor shall observe bolt installation. The fabricator's QC and inspection records shall be made available for the on-site auditor to review.
11 Final Inspection	All required inspections shall be performed in compliance with the fabricator's QMS and the current AASHTO/AWS D1.5 Bridge Welding Code.	