OSHA Erection Procedure for Clip Connections

OSHA Steel Erection Procedures require Beam Connections that share common Bolts on either side of a Structural Member, that one Beam must remain partially connected while the Adjacent Beam is connected. The erection steps below must be followed to comply with OSHA requirements.

NOTE:
No additional Framing Members, Bar Joist, Bracing or any additional loads are to be applied to Beams until final adjustment and Bolt tightening thru STEP 4.

STEP 1
Install one Clip on each side of Web and Wrench tighten Bolts.

STEP 2
Install Beam with Third Clip and Wrench tighten Bolts to existing Clip. With both ends of Beam partially Bolted, erection of Adjacent Beam and other Framing may proceed. STEPS 1 and 2 may be combined if the Erector so chooses.

STEP 3
Install Adjacent Beam with Forth Clip and Wrench tighten Bolts to existing Clips.

STEP 4
With both ends of Beam and Adjacent Beam Bolted, final adjustment and final Bolt tightening can be made.