



**HSR Steel Spans Prepurchase (MP 92.12)
Fabricator's QA QC & Deliverables Checklist**



Date
Submitted

_____ : **Provide Certification of Compliance for Materials & Fabrication in accordance with Chapter 15: Steel Structures of the AREMA Manual for Railway Engineering**

_____ : **Provide Copy of Fabricator's verification under AISC Quality Certification Program for Major Steel Bridges (CBR) w/ Fractural Critical Endorsement**

Material Certifications of Conformance & Associated Manufacturer Test Reports

Girder, Bottom Flange and Web, Beams

- _____ : Provide Fabricator's Certification of Conformance to ASTM A709 Gr. 50W F2
- _____ : Provide Certification that the material supplied meets the longitudinal Charpy V-notch requirements for zone 2
- _____ : Provide Copy of Associated Manufacturer Test Reports
- _____ : Provide Copy of Mill Certifications

Girder Top Flange, Bearing Stiffeners and Knee Braces

- _____ : Provide Fabricator's Certification of Conformance to ASTM A709 Gr. 50W T2
- _____ : Provide certification that the material supplied meets the longitudinal Charpy V-notch requirements for zone 2
- _____ : Provide Copy of Associated Manufacturer Test Reports
- _____ : Provide Copy of Mill Certifications

High Strength Bolts

- _____ : Provide Certification of Conformance to ASTM A325, Type 3
- _____ : Provide Associated Manufacturer Test Reports
- _____ : Provide Copy of Mill Certifications

Nuts

- _____ : Provide Certification of Conformance to ASTM A563
- _____ : Provide Associated Manufacturer Test Reports
- _____ : Provide Copy of Mill Certifications

Washers

- _____ : Provide Certification of Conformance to ASTM F436
- _____ : Provide Associated Manufacturer Test Reports
- _____ : Provide Copy of Mill Certifications



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_____ : **Provide Detailed shop drawings**

_____ : **Provide Bimonthly periodic fabrication progress photographs**

_____ : **Provide Written Notice to UPRR when spans are assembled for inspection**

_____ : **Provide Certification of Blast Cleaning was performed in accordance with SSPC-SP6**

_____ : **Provide Certification of Solvent Cleaning was performed in accordance with SSPC-SP1**

_____ : **Provide Certification that Bearing Pads meet the requirements of Table 15-10-2 of the AREMA Manual**

_____ : **Provide Buy America Certifications for all components supplied**