

**Appendix II**

Radiographic technician's signed analysis report (1 point)			
<b>Ultrasonic Inspection per AWS, 863.27 and AASHTO: Check Point 11, Hold and Witness Point for B &amp; C Rated Fabricators</b>			
Ultrasonic inspection 10% of complete penetration flange to web weld (ODOT review required, Critical Process, Document separately) 100% QA witness with B and C rated fabricators (2 point)			
Ultrasonic technician's signed analysis report (1 point)			
Ultrasonic equipment qualification per AWS 6.17 (1 point)			
<b>Magnetic Particle Inspection per AWS, 863.27 and AASHTO: Check Point 12, Hold and Witness point for C Rated Fabricators.</b>			
Magnetic Particle Inspection 10% of flange to web welds (ODOT review required, Critical Process, Document separately) Dry powder prod method. 100% QA witness with C rated fabricators. (2 point)			
Magnetic Particle Inspection 10% of Bearing Stiffener Welds (ODOT review required, Critical process, Document separately) Dry powder prod method. 100% QA witness with C rated fabricators. (2 point)			
Magnetic Particle technician's signed analysis report (1 point)			
Calibration of Magnetic Particle Equipment every 6 months (1 point)			
<b>Cleaning per 863.27, SSPC and ASTM: Check Point 13</b>			
Shop solvent cleaning per SSPC-SP1 (5 point)			
Shop grinding edges 1/16", material thicker than 1 1/2" shall be checked for removal of the heat effected zone. (1 point)			
Shop blast cleaned SSPC-SP10, <u>Automated process</u> : Five(5) each recorded readings at random locations for each beam and One(1) recorded reading for 10% of all secondary material with replica tape ASTM D4417 method C, 1.5 to 3.5 mil profile (10 point)			
Shop blast cleaned SSPC-SP10, <u>Manual process</u> : Twenty(20) each recorded readings at random locations for each beam and Ten(10) recorded reading for 10% of all secondary material with replica tape ASTM D4417 method C, 1.5 to 3.5 mil profile (10 point)			
Steel Ambient (Dry bulb) and Wet bulb Temperatures, Humidity and Dew Point recorded prior to blasting and at the start of each shift (5 degree F above dew point). (2 point)			
Document abrasive mix (shot % & grit % ) and sizes (1 point)			

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Check abrasive mix for oil contamination start of each shift (1 point)			
Removal of abrasives & residue by vacuum or double blowing (5 point)			
Test blow air for oil or other contaminants. Blotter test for 30 seconds at the start of each shift. Not required with vacuum (1 point)			
Conditioning all fins slivers and burred or sharp edges ASTM A6 then reblast to 1.5 to 3.5 mil profile. (1 point)			
<b>Painting per 863.29, SSPC and ASTM: Check Point 14, Hold Point for C Rated Fabricators</b>			
Record time and dates between blasting and painting (1 point)			
Record ambient temperature & humidity ( minimum 50 deg.F and 5 deg F above dew point) (1 point)			
Record temperature of paint storage location (max/ min) (1 point)			
Record Paint TE-24, manufactures name and lot numbers (1 point)			
Mix paint ( high shear mixer) and strain (5 point)			
Check operation of automated agitation system every 30 min. (5 point)			
Check prime inside of bolt holes, behind stiffener clips (5 point)			
Record prime thickness 3 to 5 mils: 3 gage readings for each spot measurement with 5 spot measurements in each 100 square foot (see additional instructions with paint system notes) (10 point)			
Check of workman like finish; mudcracking, holidays, pores, runs or sags. (5 point)			
Check prime has dried sufficiently prior to handling (1 point)			
<b>Final Shop, Shipping or Storage, QA Inspection: Hold Point 15, Required for all Fabricators</b>			

Y = Yes, N = No, NA = Not Applicable, No partial points are available for a Y, N or NA answer

Sum of {Y/( Y + N) x Section %}

Check Point 1	_____ (Y)	/	_____ (Y + N)*	X	7 = _____
Check Point 2	_____ (Y)	/	_____ (Y + N)	X	2 = _____
Check Point 3	_____ (Y)	/	_____ (Y + N)	X	5 = _____
Check Point 4	_____ (Y)	/	_____ (Y + N)	X	2 = _____
Check Point 5	_____ (Y)	/	_____ (Y + N)*	X	7 = _____
Check Point 6	_____ (Y)	/	_____ (Y + N)*	X	7 = _____