Record Welder Name, ODOT Qualified? (1 point)			
Record Flux and Wire combination, does it match WPS (1 point) Are Flux and Wire lot tested Check temperature of flux oven			
Check fit- up, 863.14 and AWS 3.3.1 (2 point) witness			
Check surface cleaning, AWS 3.2.1 (2 point) witness			
Record Preheat Temperature(F) (1 point) witness			
Record Amperage (Amps) (1 point) witness			
Record Voltage(Volts) (1 point) witness			
Record Travel Speed (IMP) (1 point) witness			
Visual inspection weld size and profile, AWS 3.6 (5 point) witness			
Repair procedure per AWS 12.17 hold and witness point 9			
Sketch of discontinuity with member piece mark and location on member (1 point)			
QA witness of discontinuity for determination of critical or non critical repairs (2 point)			
Noncritical repair, WPS and repair procedure pre approved (1 point)			
Critical repair, WPS and repair procedure approved for each repair by OSE (2 point)			
Record Welding Type: SMAW, SAW, FCAW (1 point)			
Record Welders Name, ODOT Qualified? (1 point)			
Record preheat temperature prior to air carbon arc (1 point) * witness			
grind surfaces to be welded smooth and bright (1 point) * witness			
Record Flux and Wire combination, does it match WPS (1 point) Are Flux and Wire lot tested Check Temperature of Flux oven			
Check joint geometry tolerances per AWS figure 2.4 (2 point) *witness			
Record Preheat Temperature (F) (1 point) * witness			
Record Amperage (Amps) (1 point) * witness			
Record Voltage (Volts) (1 point) * witness			
Record Travel Speed (IPM) (1 point) * witness			
Visual inspection width, thickness AWS 3.6.3 (2 point) * witness			
Visual inspection surface finish AWS 3.6.4 125 uin. (2 point) *witness			

Visual inspection weld size and profile, AWS 3.6 (2 point) * witness			
* witness required for critical repairs not required for non critical repairs			
Radiographic Inspection per AWS, 863 and AASHTO: Hold Point 10			
Radiographic inspection flange butt welds , 100%(ODOT review required, Critical process, Document separately) (5 point)			
Radiographic inspection 100% tension web butt welds, compression web butt welds, top & bottom 1/3 (ODOT review required, Critical process ,Document separately) (5 point)			
Radiographic inspection longitudinal stiffeners butt welds, 100% (ODOT review required, Critical process, Document separately) (5 point)			
Radiographic inspection longitudinal web splice, 25% (ODOT review required, Critical process, Document separately) (5 point)			
Radiographic identification marked steel stamped and visible in radiographic film, Hole-type image quality indicator (1 point)			
Top and bottom of plate edges visible in the radiographic film (5 point)			
Removal of weld reinforcement (1 point)			
Radiographic technician's signed analysis report (1 point)			
Ultrasonic Inspection per AWS, 863 and AASHTO: Hold and witness point 11			
Ultrasonic inspection 100% of complete penetration flange to web tension weld, 10% compression weld (ODOT review required, Critical Process, Document separately) (2 point) Ultrasonic inspection 100% tension butt welds, 100% QA witness required			
Ultrasonic technician's signed analysis report (1 point)			
Ultrasonic equipment qualification per AWS 6.17 (1 point)			
Magnetic Particle Inspection per AWS, 863 and AASHTO: Check Point 12, Hold and witness for C rated fabricators.			
Magnetic Particle Inspection 10% of flange to web welds (ODOT review required, Critical Process, Document separately) Dry powder prod method (2 point) 100% QA witness with C rated fabricators.			
Magnetic Particle Inspection 10% of Bearing Stiffener Welds (ODOT review required, Critical process, Document separately) Dry powder prod method (2 point) 100% QA with C rated fabricators.			
Magnetic Particle technician's signed analysis report (1 point)			