

**Appendix II**

Check Point 7 \_\_\_\_\_(Y) / \_\_\_\_\_(Y + N)\* X 7 = \_\_\_\_\_  
 Check Point 8 \_\_\_\_\_(Y) / \_\_\_\_\_(Y + N) X 2 = \_\_\_\_\_  
 Check Point 9 \_\_\_\_\_(Y) / \_\_\_\_\_(Y + N)\* X 2 = \_\_\_\_\_  
 Check Point 10 \_\_\_\_\_(Y) / \_\_\_\_\_(Y + N)\* X 15 = \_\_\_\_\_  
 Check Point 11 \_\_\_\_\_(Y) / \_\_\_\_\_(Y + N)\* X 15 = \_\_\_\_\_  
 Check Point 12 \_\_\_\_\_(Y) / \_\_\_\_\_(Y + N) X 15 = \_\_\_\_\_  
 Check Point 13 \_\_\_\_\_(Y) / \_\_\_\_\_(Y + N) X 7 = \_\_\_\_\_  
 Check Point 14 \_\_\_\_\_(Y) / \_\_\_\_\_(Y + N) X 7 = \_\_\_\_\_

Summation Fabricator rating for performance of QA Inspection = \_\_\_\_\_

\*  $Y / (Y + N) \times 1.0$  for 1, 5, 6, 7, 9, 10, 11 and 12. If any of these individual ratings are lower than the summation fabricator rating. Then the Fabricator rating shall be based upon the lowest individual section rating.

Required Hold or Witness points

A Rating hold points = 15

B Rating hold points = 10, 11 and 15

C Rating hold or witness points = 10,11, 12, 14 and 15

**Appendix II**

**FABRICATOR \_\_\_\_\_ RATING FOR SHOP FABRICATION(FCM)**

County: \_\_\_\_\_ Project: \_\_\_\_\_ Reference: \_\_\_\_\_ Shop ID: \_\_\_\_\_

|   |          |          |           |
|---|----------|----------|-----------|
| Office of Structural Engineering QA Inspector: _____  |          |          |           |
| <b>Check, Hold or Witness Point Descriptions for Level of Fabrication 6 ,<br/>Fracture Critical Members (FCM)</b>                     | <b>Y</b> | <b>N</b> | <b>NA</b> |
| <b>ASTM A709, Grade, Physical &amp; Chemical Requirements, CVN : Check point 1</b>  |          |          |           |
| Record Heat number and member description ( 1 point)  |          |          |           |
| Material meet physical requirements of A709 ( 3 points)   |          |          |           |
| Material killed fine-grain practice (AWS 12.4.2) (5 point)  |          |          |           |
| Record Zone 2 CVN minimum average energy (A709 Table S1.3) ( 2 point)   |          |          |           |
| CVN impact testing "P" plate frequency (5 point)  |          |          |           |
| Check Chemical Requirements (1 point)   |          |          |           |
| Heat No. Steel Stamped and matched to Mill Test Report (1 point)  |          |          |           |
| <b>ASTM A6 Quality and permissible Variations: Check Point 2</b>  |          |          |           |
| ASTM A6, Permissible variations in cross-section (1 point)  |          |          |           |
| ASTM A6, Permissible variations in Straightness & Storage (1 point)   |          |          |           |
| ASTM A6 and 863.11, Surface indications, Pitting due to rusting (1 point)   |          |          |           |
| ASTM A6, Laminar indications (1 point)  |          |          |           |
| <b>Material Preparation per AWS D1.5, AASHTO and 863: Check Point 3</b>   |          |          |           |
| Cutting beyond ( inside) the prescribed lines AWS 3.2.2 (1 point)   |          |          |           |
| Cutting roughness AWS 3.2.2 (1 point)   |          |          |           |
| Occasional notches AWS 3.2.2 (document separately) (1 point)  |          |          |           |
| Cut Edge Discontinuities AWS 3.2.3 (document separately) (1 point)  |          |          |           |
| Reentrant corners AWS 3.2.4 and Radii of Beam copes 3.2.5 (1 point)   |          |          |           |
| Rounding of edges AWS 3.2.9 (1 point)   |          |          |           |
| Shearing distortion 863.13 (1 point)  |          |          |           |
| Heat Bending , 90 degrees to rolling direction, visual inspection (document any cracking NDT required) AASHTO and AWS 12.12 (5 point) |          |          |           |