SECTION 330110.61 - REPAIRING STEEL WATER STORAGE TANK

This section is based on AWWA D101. Consult D101 when editing.

1. GENERAL
   * + 1. RELATED WORK SPECIFIED ELSEWHERE
          1. Disinfection: Section 331300.
          2. Painting: Section 099713.24.
       2. QUALITY ASSURANCE
          1. Welders Qualifications:

Skilled in the type of welding required by this project.

Certified in accordance with the applicable provisions of the ASME Code.

* + - * 1. Reference Standard: Comply with specification AWWA D100 (current edition) for the Work of this section. Maintain a copy of this reference standard at the Site at all times.
      1. SUBMITTALS
         1. Submittals for this section are subject to the re-evaluation fee identified in Article 4 of the General Conditions.
         2. Manufacturer’s installation instructions shall be provided along with product data.
         3. Submittals shall be provided in the order in which they are specified and tabbed (for combined submittals).
         4. Shop Drawings: Show items to be replaced. Indicate size, weight, and spacing of steel members.

1. PRODUCTS
   * + 1. MATERIALS
          1. Replacement Items: Same size, strength, and dimensions as the original equipment.
          2. Shop paint all items before delivery to the Site.
2. EXECUTION
   * + 1. REPAIRS
          1. Weld leaky seams and rivets on inside of tank.
          2. Seal weld interior lap joints of roof plates above maximum water line to provide a paintable surface.
          3. Repair all holes resulting from structural changes as required to insure a watertight tank.

List additional repairs above.

* + - * 1. Make additional repairs as listed below:

**[Insert additional repairs].**

* + - 1. LEAKAGE TEST
         1. Fill tank to maximum water level. Inspect for leaks after 48 hours.
         2. Repair leaks (if any).
         3. Repeat leakage tests when directed.

END OF SECTION 330110.61