

- H. Apply coating via spray (except outside application), brush and/or roll methods, utilizing approved equipment that is standard to the industry according to the "Application Information" sheet attached to this specification. Cleaning procedures for such equipment is also outlined on this instruction.
- I. A stripe coat of the intermediate shall be applied by brush on all surfaces described in **Section 9 S.**, with additional brush-application of a penetrating nature into tight metal-to-metal areas prior to the application of approved joint sealer compound. All welds and irregular surfaces shall receive a brush coat of the specified product prior to application of the first complete coat.

SECTION 12. REPAIRS

- A. As the standpipe is being cleaned, the Inspector and the Contractor will determine the places to be repaired by welding. Only those places needing repair and authorized by the inspector will be authorized for payment. Repairs shall be made by welding and only certified welders will be employed in strict accordance with Section B of AWWA D 100. Payment for repairs shall be made on the basis of actual cost plus 10%.

SECTION 13. DISINFECTION

- A. Disinfection procedure shall be in accordance with AWWA C 652 and Section 12VAC-590-1080 of the Virginia State Board of Health Waterworks Regulations.
- B. All scaffolding, planks, tools, rags and any other material not part of the structural or operating facilities of the tank shall be removed. Then the surfaces of the walls, floor, and operating facilities of the storage facilities shall be cleaned thoroughly by use of a high pressure water jet, sweeping, scrubbing, or equally effective means. All water and dirt or foreign material accumulated in this cleaning operation shall be discharged from the storage facility or otherwise removed.
- C. The Western Virginia Water Authority will supply the water used in the initial disinfection procedure. The Authority shall be given, at a minimum, a one-week notice of the day the water will be required.
- D. After all construction has been completed, the Contractor shall proceed to disinfect the interior surfaces of the structure utilizing one of the following disinfection methods:
 - 1. The tank shall be filled to the overflow level with potable water to which enough chlorine has been added to produce an initial chlorine concentration of 50 mg/l in the full tank. The full tank should stand for 24 hours; however, in no case, shall it stand less than 6 hours. At the end of the holding period, the highly chlorinated water shall be drained to the sanitary sewer. The release of the highly chlorinated water shall be coordinated with the WVWA to determine a controlled drainage rate and necessary pretreatment