

No coating or paint shall be applied: When the surrounding air temperature of the surface to be coated is below the minimum required temperature for the specified product; to wet or damp surfaces in the rain, snow, fog or mist; when the temperature is less than 5 degrees F above the dew point; when the air temperature is expected to drop below 50 degrees F within six hours after application of coating. Dew point shall be measured by use of an instrument such as a Sling Psychrometer in conjunction with U.S. Department of Commerce Weather Bureau Psychrometric Tables.

If above conditions are prevalent, coating or painting shall be delayed or postponed until conditions are favorable. The day's coating or painting shall be completed in time to permit the film sufficient drying time prior to damage by atmospheric conditions.

- E. The minimum curing time shall be in strict accordance with the manufacturer's recommendations. All hatches, vents, and manholes shall be left open during the curing time. Forced ventilation shall be used during the curing period
- F. Testing shall be performed in accordance with the AWWA D 102, Section 8. Paint film thickness shall be verified by measuring the wet film thickness of each coat as it is applied and the dry film thickness of each coat after drying. The Contractor shall notify the Project Manager prior to the dry film thickness measurements so the inspector may be present at the time testing is performed. Each coat must be accepted by Authority's Inspector before application of the next coat.
- G. The Contractor shall provide the first anniversary inspection for the paint system and shall perform the required repairs, in accordance with AWWA D 102, latest revision. The Contractor shall disinfect the tank after the first anniversary inspection, in accordance with AWWA D 105, latest revision.
- H. Paint systems shall be Tnemec Company, Incorporated, as hereinafter specified. The contractor may offer an alternate, approved, equal paint system with a deduct from the base bid. The Western Virginia Water Authority is under no obligation to accept the alternate paint system.

SECTION 3. REFERENCES

A. CODE OF FEDERAL REGULATIONS (CFR)

29CFR 1926	Occupational Safety and Health Regulations for Construction
29CFR 1926.51	Sanitation
29CFR 1926.55	Gasses, Vapors, Fumes, Dusts, and Mists
29CFR 1926.62	Lead
29CFR 1926.63	Cadmium
29CFR 1926.103	Respiratory Protection

Project: Eugene Drive Tank Painting

Lead Abatement, Cleaning and
Painting Specification