

or similar materials and methods, which involve a solvent, or cleaning action.

- H. Hand Tool Cleaning (SSPC-SP2) – removal of loose rust, loose mill scale, and other detrimental foreign matter to degree specified by hand chipping, scraping, sanding and wire brushing.
- I. Power Tool Cleaning (SSPC-SP3) - removal of loose rust, loose mill scale, and other detrimental foreign matter to degree specified by power wire brushing, power impact tools, or power sanders.
- J. Commercial Blast Cleaning (SSPC-SP6) – blast cleaning to commercial metal cleanliness, until at least 67% of each element of surface area is free of all visible residues. This is the removal of all existing paint, rust, and other foreign matter.
- K. Near White Blast Cleaning (SSPC-SP10) – blast cleaning to nearly white metal cleanliness, until at least 95% of each element of surface area is free of all visible residues.
- L. Field blast cleaning for all surfaces shall be by dry method unless otherwise directed.
- M. Specific Surface Preparation: Surface preparation for the specific system shall be as noted in Section 5. The entire exposed metal of the tank and the ladder, overflow pipe and other appurtenances shall be abrasive blast cleaned to a commercial grade finish, removing all existing paint, rust, mill scale, dirt and including all of the lead base prime coat that was applied when the tank was built. This will comply with the recommended method outlined in The Society for Protective Coatings, *Specification SSPC-SP6*.
- N. Particle size of abrasives used in blast cleaning shall be that which will produce a 1.5-2.0 mil (37.5 microns-50.0 microns) surface profile or in accordance with recommendations of the manufacturer of the specified coating or paint system to be applied.
- O. Abrasive used in blast cleaning operations shall be new, washed graded and free of contaminants that would interfere with adhesion of coating or paint and shall not be reused unless specifically approved by the Project Manager. If sand is used it shall be composed principally of silica grains and shall be approved by the Inspector. Provision shall be made to prevent the spreading of sand to adjoining property. Steel grit may be used instead of sand at the option of the Contractor.
- P. During blast cleaning operations, caution shall be exercised to insure that existing coatings or paint are not exposed to abrasion from blast cleaning.
- Q. The Contractor shall keep the area of his work and the surrounding environment in a clean condition. He shall not permit blasting materials to accumulate as to constitute a nuisance or hazard to the accomplishment of the work, the operation of the existing facilities, or nuisance to the surrounding environment. Removal and disposal of hazardous waste material shall be performed in accordance with all applicable federal, state, county and local regulations.
- R. Blast cleaned surfaces shall be cleaned prior to application of specified coatings

Project: Eugene Drive Tank Painting

Lead Abatement, Cleaning and
Painting Specification