

The Contractor shall provide the Engineer and Inspectors a wash facility with running water to permit washing of face and hands during the surface preparation operation. It shall at all times contain an adequate supply of potable water, soap and towels. The Contractor shall be responsible to properly contain, test and dispose of the waste water. The wash facility shall be located at each bridge site in an area that will not be contaminated by the blasting debris.

**E. Prime, Intermediate and Finish Coat Application (QCP #5, #8, & #9).** Each coat of paint shall be in a proper state of cure or dryness before the application of succeeding coats. Paint shall be considered ready for overcoating when an additional coat can be applied without the development of any detrimental film irregularities, such as lifting, wrinkling or loss of adhesion of the undercoat. The time interval between coating applications shall be in compliance with manufacturer's written instructions and no more than 30 days between the prime and intermediate coats and 13 days between the intermediate and finish coats. These maximum recoat times include weather related days. No additional time for weather delays will be allowed. Any coat which has cured more than the above allotted time without overcoating shall be removed and the steel reblasted to SP 10.

The completion date (month and year) of the finish coat and the letters OZEU shall be stenciled on the steel in 4 inch (100 mm) letters with a black urethane paint. This date shall be applied at four locations near the end of each outside beam on the outside web visible from the road or as directed by the Engineer.

**F. Removing Fins, Tears, Slivers (QCP #6).** All fins, tears, slivers or any other burred or sharp edges that become evident after priming, shall be removed by grinding. All ground surfaces shall be retextured to produce a profile of 1.5 to 3.5 mils (40 to 90  $\mu\text{m}$ ) and re-primed prior to application of the intermediate coat. The Contractor may also begin removing fins, tears and slivers after blasting and prior to priming.

Temperature and weather restrictions do not apply to this item. Reapplying primer shall comply with weather restrictions.

**G. Caulking (QCP #7).** Caulking will be performed in areas of the bridge where gaps and crevices are greater than 1/8 inch and also other areas as determined by the contractor where caulking is required to prevent bleed through.

**885.07 Testing Equipment.** The Contractor shall provide the Engineer the following testing equipment in good working order, for the duration of the project. When the Contractor's people are working at different locations simultaneously, additional test equipment shall be provided for each crew for the type of work being performed. When no test equipment is available, no work shall be performed.

1. A camera with the following features and 5 (unless otherwise specified on plans) rolls of color film: A) Uses self developing color print film, B) Lens with auto focus system, C) Focuses from 2 feet (0.6 m) to infinity, D) Built-in fill flash.

2. One Spring micrometer and 3 rolls of extra-coarse replica tape.

3. One Positector 2000 or 6000, Quanix 2200, or Elcometer A345FBI1; and the calibration plates, 1.5-8 mils and 10-25 mils (38-200  $\mu\text{m}$  and 250-625  $\mu\text{m}$ ) as per the NBS calibration standards in accordance with ASTM D 1186.

4. One Sling Psychrometer including Psychometric tables - Used to relative humidity and dew point temperature.

5. Two steel surface thermometers accurate within 2° F (1° C) or One portable infrared thermometer available from:

Model: Raynger ST Series (-18° C to 400° C)  
Manufacturer: Raytek Inc.  
Santa Cruz, Ca.  
(800)227-8074

or approved equal to the portable infrared thermometer

6. Flashlight 2-D cell

7. SSPC Visual Standard for Abrasive Blast Cleaned Steel SSPC-Vis 1-89

8. One Recorder Thermometer capable of recording the date, time, and temperature over a period of at least 12 hours.

**885.08 Handling.** All paint and thinner shall be delivered to the project site in original, unopened containers with labels intact. Minor damage to containers is acceptable provided the container has not been punctured. Thinner containers shall be a maximum of 5 gallons (19 L).

Paint shall be stored at the temperature recommended by the manufacturer to prevent paint deterioration.

Each container of paint and thinner shall be clearly marked or labeled to show paint identification, component, color, lot number, stock number, date of manufacture, and information and warnings as may be required by Federal and State laws.

All containers of paint and thinner shall remain unopened until required for use. The label information shall be legible and shall be checked at the time of use. Solvent used for cleaning equipment is exempt from the above requirements.

Paint which has livered, gelled or otherwise deteriorated during storage shall not be used: