

## SSIT-1103 Inspecting Painted Surfaces

### Purpose

Painted surfaces are inspected for proper upkeep to ensure the equipment is kept clean and protected against excessive weathering.

### Test Intervals

Painted surfaces shall be inspected at time of installation and routinely when inspecting other elements of equipment with painted surfaces. Refer to *SSIT-7 Signal System Inspection and Test Intervals* for all test intervals.

### Rail Safety

Employee shall ensure the site is safe for employees, the public, vehicular traffic and train operations as defined in *SSIT-8 Protecting Train Operations* prior to performing tests and inspections.

### Equipment Manuals

A copy of relevant equipment manufacturer's manuals should be referred to for type and application of paint as defined by manufacturer.

### Procedure

The following tests are to be performed at each painted surface:

Step	Procedure
1. Check Painted Surfaces	<ul style="list-style-type: none"> <li>→ Check painted surfaces aren't excessively worn.</li> <li>→ Check rust is not coming through painted surface.</li> <li>→ Check paint is not cracking or peeling.</li> <li>→ Check paint is not covered with grease, grime, or graffiti.</li> </ul>
2. Check Surfaces for Paint	<ul style="list-style-type: none"> <li>→ Check that there is not paint on the following types of surfaces: <ul style="list-style-type: none"> <li>• Lenses</li> <li>• Gaskets</li> <li>• Vents</li> <li>• Concrete foundations</li> <li>• Aluminum surfaces</li> <li>• Cotter and connecting pins</li> <li>• Adjustable equipment</li> <li>• Cedar &amp; chemically treated wood</li> </ul> </li> </ul>
3. Perform Touch Ups	<ul style="list-style-type: none"> <li>• Obtain necessary colours and finishes for equipment as outlined in AREMA guidelines.</li> <li>• Avoid painting temperature sensitive equipment or housings with colours and finishes that may increase equipment surface temperature.</li> <li>• Prepare surfaces for painting through sanding or stripping, as required.</li> <li>• Apply necessary paint to painted surfaces showing wear.</li> <li>• Remove paint from surfaces that should not be painted.</li> </ul>