

SSIT-1104 Inspecting Seals

Purpose

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

Test Intervals

Gaskets 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.

Procedure

The following tests are to be performed at each gasket:

Step	Procedure
1. Check Seal	<ul style="list-style-type: none"> → Check gasket provides weather tight seal when closed. → Check there is no excess or slack seal wire that may come into contact with electrical components. → Check crimp will not allow seal to be removed without cutting or breaking.
2. Check for Contamination	<ul style="list-style-type: none"> → Check gasket is not covered in paint, oil, or grease.
3. Check Placement	<ul style="list-style-type: none"> → Check gaskets are properly attached to housing or equipment. → Check gaskets with adjustment capabilities are properly fitted.
4. Replace Seals (if applicable)	<ul style="list-style-type: none"> • Remove damaged or worn seal and replace with new seal If seal damaged on electric lock or emergency release: Check equipment condition prior to replacing seal. Replace equipment if faulty. If seal damaged on time release: Check function of time release prior to replacing seal. Replace equipment if faulty. If seal damaged on time release: Check function of time release prior to replacing seal. If seal damaged on relay: Report to the ONR S&C Supervisor to determine what additional testing is required prior to replacing seal.