



Section 5.4 Inspection

5.4.1 TYPE OF INSPECTION

- a. **INITIAL INSPECTION** — Before any new or repaired sling is placed in service, it shall be inspected to insure that the correct sling is being used, as well as to determine that the sling meets the requirements of this specification.
- b. **FREQUENT INSPECTION** — This inspection should be made by the person handling the sling each time the sling is used.
- c. **PERIODIC INSPECTION** — This inspection shall be conducted by designated personnel. Frequency of inspection should be based on:
 1. Frequency of sling use
 2. Severity of service conditions
 3. Experience gained on the service life of slings used in similar applications
 4. Periodic inspections should be conducted at least monthly.

Section 5.5 Possible Defects

- 5.5.1 A sling shall be removed from service if any defects such as the following are visible:
- a. Acid or alkali burns
 - b. Melting, charring, or weld spatter of any part of the sling
 - c. Holes, tears, cuts, snags or embedded particles
 - d. Broken or worn stitching in load bearing splices
 - e. Excessive abrasive wear
 - f. Knots in any part of the sling
 - g. Distortion and excessive pitting or corrosion or broken fittings
 - h. Other apparent defects which cause doubt as to the strength of the sling
 - i. If sling rated capacity or sling material identification is missing or not readable.

Section 5.6 Inspection Records

- 5.6.1 Written inspection records, utilizing the identification for each sling as established by the user, should be kept on file for all slings. These records should show a description of the new sling and its condition on each subsequent inspection.

Section 5.7 Repair of Web Slings

- 5.7.1 Slings shall be repaired only by a sling manufacturer. When repaired by other than the original manufacturer, the sling shall be permanently marked to identify the repair agent.
- 5.7.2 All repaired slings shall be proof tested to two (2) times its newly assigned rated capacity, before being put back into service. Certification of proof test should be provided.
- 5.7.3 Temporary repairs of either webbing, fittings, or stitching shall not be permitted.