



NORTHWEST WIRE ROPE LTD.

INSPECTION OF SLINGS

A VISUAL INSPECTION FOR DAMAGE SHALL BE PERFORMED BY THE USER OR DESIGNATED PERSON EACH DAY OR SHIFT THE SLING IS USED.
A COMPLETE INSPECTION FOR DAMAGE SHALL BE PERFORMED PERIODICALLY BY A DESIGNATED PERSON AT LEAST ANNUALLY.
WRITTEN RECORDS OF MOST RECENT PERIODIC INSPECTION SHOULD BE MAINTAINED.

REJECTION CRITERIA PER ASME B30.9

MISSING OR ILLEGIBLE SLING IDENTIFICATION; EVIDENCE OF HEAT DAMAGE; SLINGS THAT ARE KNOTTED; FITTINGS THAT ARE PITTED, CORRODED, CRACKED, BENT, TWISTED, GOUGED, OR BROKEN; OTHER CONDITIONS, INCLUDING VISIBLE DAMAGE, THAT CAUSE DOUBT AS TO THE CONTINUED USE OF THE SLING.

WIRE ROPE SLINGS

EXCESSIVE BROKEN WIRES. FOR STRAND-LAID AND SINGLE PART SLINGS. TEN RANDOMLY DISTRIBUTED BROKEN WIRES IN ONE ROPE LAY OR FIVE BROKEN WIRES IN ONE STRAND IN ONE ROPE LAY.

SEVERE LOCALIZED ABRASION OR SCRAPING, KINKING, CRUSHING, BIRDCAGING.

ANY OTHER DAMAGE RESULTING IN DAMAGE TO THE ROPE STRUCTURE

SEVERE CORROSION OF THE ROPE OR END ATTACHMENTS

CHAIN SLINGS

CRACKS OR BREAKS

EXCESSIVE WEAR, NICKS OR GOUGES

STRETCHED CHAIN LINKS OR COMPONENTS

BENT, TWISTED OR DEFORMED CHAIN LINKS OR COMPONENTS

EXCESSIVE PITTING OR CORROSION

LACK OF ABILITY OF CHAIN OR COMPONENTS TO HINGE FREELY

WELD SPLATTER

WEB SLINGS

ACID OR CAUSTIC BURNS

MELTING OR CHARRING OF ANY PART OF THE SLING

HOLES, TEARS, CUTS OR SNAGS

BROKEN OR WORN STITCHING IN LOAD BEARING SPLICES

EXCESSIVE ABRASIVE WEAR

DISCOLOURATION AND BRITTLE OR STIFF AREAS ON ANY PART OF THE SLING, WHICH MAY MEAN CHEMICAL OR ULTRAVIOLET / SUNLIGHT DAMAGE

ROUND SLINGS

ACID OR CAUSTIC BURNS

EVIDENCE OF HEAT DAMAGE

HOLES, TEARS, CUTS, ABRASIVE WEAR OR SNAGS THAT EXPOSE THE CORE YARNS

BROKEN OR DAMAGED CORE YARNS

WELD SPLATTER THAT EXPOSES CORE YARNS

DISCOLOURATION AND BRITTLE OR STIFF AREAS ON ANY PART OF THE SLINGS WHICH MAY MEAN CHEMICAL OR OTHER DAMAGE

HAVE A SAFE WORK DAY!