

## DAILY (FREQUENT) SLING INSPECTION CHECKLIST

**REMOVE SLING(S) FROM SERVICE IF THE BNL INSPECTION TAG DUE DATE HAS EXPIRED, THE TAG IS MISSING OR ILLEGIBLE OR IF ANY OF THE FOLLOWING CONDITIONS ARE PRESENT:**

### WIRE ROPE SLINGS:

- Ten randomly distributed broken wires in one rope lay, or five broken wires in one strand.  
NOTE: One or more randomly distributed broken wires should prompt the user to conduct a more detailed inspection.
- Wear or scraping of one-third the original diameter of the outside individual wire.
- Kinking, crushing, birdcaging, or any other damage resulting in distortion of rope structure.
- Evidence of heat damage, acid or caustic burns.
- End attachments that are cracked, deformed, or worn.
- Corrosion of the rope or end attachments.
- Missing or illegible capacity tag.

### SYNTHETIC WEB SLINGS:

- Acid or caustic burns.
- Melting or charring of any part of the surface.
- Snags, punctures, tears, or cuts.
- Broken or worn stitches.
- Wear exceeding the amount recommended by manufacturer.
- Missing or illegible capacity tag.

### TWIN-PATH SLING (Polyester or Polypropylene jacketed):

**Note:** Each manufacturer has different wear indicators and inspection criteria, check specific manufacturer's inspection criteria.

- Tell-Tails should extend past tag area of each sling, snags, punctures,, tears or cuts.
- Evidence of cutting, or tearing of outer cover, broken or worn stitching.
- Evidence of heat damage, Polyester or Cordura; covers should not be exposed to temperatures above 90 deg. C / 194 F. Normex covered slings; over 149 C / 300 F, Spectra covered slings over 65C / 150F, acid or caustic burns.
- Cold Temperatures; down to minus 40 C/ minus 40 F, do not effect the strength of the products.
- Missing or illegible capacity tag.

### CHAIN SLINGS:

- Link by Link inspection for bent, stretched, cracks, or heat damage in any link.
- Check rings & hooks for distortion, cracks in weld area, corrosion, and scores or heat damage.
- Deformed master link or coupling links.
- Hooks with more than 15% greater than normal throat opening or more than 10 degrees twist from plane of unbent hook.
- Missing or non-functional hook safety latch.
- Missing or illegible capacity tag.

### METAL MESH SLINGS:

- Broken weld or joint.
- Broken wire in any part of the mesh.
- Reduction in wire of 25% due to abrasion or 15% due to corrosion.
- Lack of flexibility due to distortion of the mesh.
- Any distortion or twisting of either end fitting.
- Cracked end fitting.
- Missing or illegible capacity tag.

**IF ANY OF THE ABOVE CONDITIONS ARE NOTED THE EQUIPMENT MUST BE REMOVED FROM SERVICE. NOTIFY THE IMMEDIATE SUPERVISOR AND THE BNL HOISTING & RIGGING INSPECTOR (X-5456) TO DETERMINE IF EQUIPMENT IS SAFE FOR USE AND OK TO RETURN TO SERVICE.**

**A QUALIFIED INSPECTOR MUST MAKE DOCUMENTED INSPECTIONS AT LEAST ANNUALLY, HAVING RECORDS MAINTAINED BY THE CONGNIZANT EQUIPMENT SUPERVISOR.**