

Longshore Safety Tip

June 2009

SAFE USE OF RIGGING GEAR



**ALWAYS INSPECT
WIRE SLINGS AND
SHACKLES
BEFORE USE**



**DON'T LIFT CARGO IF THE CHAIN OR THE WIRE
ROPE IS TWISTED, KNOTTED OR KINKED OR
BROKEN**



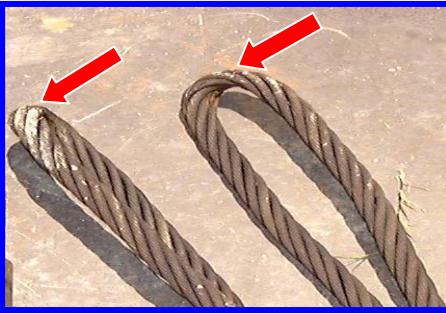
**ALSO CHECK FOR ABRASION, HEAT DAMAGE
RUST OR CORROSION**



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SAFE USE OF RIGGING GEAR



Flattened, crushed wire or damaged sling eyes

**DEFECTIVE
GEAR
MUST
NOT BE USED**



*Check for
spread, distorted or
sprung hooks*

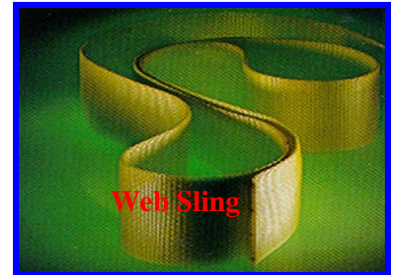


Broken wires (10 random wires in one lay or 3 or more in one strand in one lay) or one near socket of swaged fitting

WEB AND SYNTHETIC SLINGS PRE-USE CHECKS



“Pre-Slung” Web Slings must be inspected prior to lift and if found damaged on discharge must be removed from service



PCMSC Rule 258

Synthetic web slings shall be removed from service if they exhibit any of the following defects:

- Acid or caustic burns
- Melting or charring of any part of the sling surface
- Snags, punctures, tears, or cuts or wear indicators on applicable slings:
 - Broken or worn stitches;
 - Distortion or damage to fittings
- Display of visible warning threads or markers designed to indicate excessive wear or damage to indicate excessive wear or damage

EXCEPTION: This rule does not apply to abrasion covers or softeners as they are not structural.



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