

RIGGING - EQUIPMENT INSPECTION

A rigging asset checklist inspection report form including categories like allow steel chain slings, wire rope rigging, wire mesh slings, and ID lifting devices.



* Your Name	* Date / Time

Location	Asset #
Date Inspected	

ALLOY STEEL CHAIN SLINGS

Missing or illegible identification/tags. <input type="checkbox"/> OK <input type="checkbox"/> Repair <input type="checkbox"/> Replace <input type="checkbox"/> N/A	Crack or Breaks in Components. <input type="checkbox"/> OK <input type="checkbox"/> Repair <input type="checkbox"/> Replace <input type="checkbox"/> N/A
Excessive wear, nicks, or gouges in components. <input type="checkbox"/> OK <input type="checkbox"/> Repair <input type="checkbox"/> Replace <input type="checkbox"/> N/A	Stretched chain links or components. <input type="checkbox"/> OK <input type="checkbox"/> Repair <input type="checkbox"/> Replace <input type="checkbox"/> N/A
Bent, twisted, or deformed chain links or components. <input type="checkbox"/> OK <input type="checkbox"/> Repair <input type="checkbox"/> Replace <input type="checkbox"/> N/A	Evidence of heat damage. <input type="checkbox"/> OK <input type="checkbox"/> Repair <input type="checkbox"/> Replace <input type="checkbox"/> N/A
Excessive of pitting or corrosion. <input type="checkbox"/> OK <input type="checkbox"/> Repair <input type="checkbox"/> Replace <input type="checkbox"/> N/A	Weld Splatter present on components. <input type="checkbox"/> OK <input type="checkbox"/> Repair <input type="checkbox"/> Replace <input type="checkbox"/> N/A
Lack of ability of chain or component to hinge (articulate) freely. <input type="checkbox"/> OK <input type="checkbox"/> Replace <input type="checkbox"/> Replace <input type="checkbox"/> N/A	For Hooks, removal criteria as stated in AMSE B30.10 <input type="checkbox"/> OK <input type="checkbox"/> Repair <input type="checkbox"/> Replace <input type="checkbox"/> N/A
For rigging hardware, removal criteria as stated in ASME B30.26 <input type="checkbox"/> OK <input type="checkbox"/> Repair <input type="checkbox"/> Replace <input type="checkbox"/> N/A	Other conditions, including visible damage, that cause doubt as to the continued use of the sling. <input type="checkbox"/> OK <input type="checkbox"/> Repair <input type="checkbox"/> Replace <input type="checkbox"/> N/A

This question only applies if Other conditions, including visible damage, that cause doubt as to the continued use of the sling. is OK, Replace, or Repair

Describe Other Conditions

WIRE ROPE SLING/RIGGING

<p>Missing or illegible identification/tag.</p> <p><input type="checkbox"/> OK <input type="checkbox"/> Repair <input type="checkbox"/> Replace</p> <p><input type="checkbox"/> N/A</p>	<p>Broken Wires</p> <p><input type="checkbox"/> OK <input type="checkbox"/> Repair <input type="checkbox"/> Replace</p> <p><input type="checkbox"/> N/A</p>
<p>Severe localized abrasion or scraping</p> <p><input type="checkbox"/> OK <input type="checkbox"/> Repair <input type="checkbox"/> Replace</p> <p><input type="checkbox"/> N/A</p>	<p>Kinking, crushing, bird caging, or any other damage resulting in damage to the rope structure.</p> <p><input type="checkbox"/> OK <input type="checkbox"/> Repair <input type="checkbox"/> Replace</p> <p><input type="checkbox"/> N/A</p>
<p>Evidence of heat damage.</p> <p><input type="checkbox"/> OK <input type="checkbox"/> Repair <input type="checkbox"/> Replace</p> <p><input type="checkbox"/> N/A</p>	<p>End attachments that are cracked, deformed, or worn to the extent that the strength of the sling is substantially affected.</p> <p><input type="checkbox"/> OK <input type="checkbox"/> Repair <input type="checkbox"/> Replace</p> <p><input type="checkbox"/> N/A</p>
<p>Severe corrosion of the rope, end attachments, or fittings.</p> <p><input type="checkbox"/> OK <input type="checkbox"/> Repair <input type="checkbox"/> Replace</p> <p><input type="checkbox"/> N/A</p>	<p>For hooks, removal criteria as stated in ASME B30.10.</p> <p><input type="checkbox"/> OK <input type="checkbox"/> Repair <input type="checkbox"/> Replace</p> <p><input type="checkbox"/> N/A</p>
<p>For rigging hardware, removal criteria as stated in ASME B30.26.</p> <p><input type="checkbox"/> OK <input type="checkbox"/> Repair <input type="checkbox"/> Replace</p> <p><input type="checkbox"/> N/A</p>	<p>Other conditions, including visible damage, that could cause doubt as to continued use of the sling.</p> <p><input type="checkbox"/> OK <input type="checkbox"/> Repair <input type="checkbox"/> Replace</p> <p><input type="checkbox"/> N/A</p>

This question only applies if Other conditions, including visible damage, that cause doubt as to the continued use of the sling. is OK, Replace, or Repair

Describe Other Conditions

WIRE MESH SLINGS

<p>Missing or illegible sling identification/tag.</p> <p><input type="checkbox"/> OK <input type="checkbox"/> Repair <input type="checkbox"/> Replace</p> <p><input type="checkbox"/> N/A</p>	<p>Broken weld or broken brazed joint along the sling edge.</p> <p><input type="checkbox"/> OK <input type="checkbox"/> Repair <input type="checkbox"/> Replace</p> <p><input type="checkbox"/> N/A</p>
<p>Broken wire in any part of the mesh.</p> <p><input type="checkbox"/> OK <input type="checkbox"/> Repair <input type="checkbox"/> Replace</p> <p><input type="checkbox"/> N/A</p>	<p>Reduction in wire of 25% due to abrasion or 15% due to corrosion.</p> <p><input type="checkbox"/> OK <input type="checkbox"/> Repair <input type="checkbox"/> Replace</p> <p><input type="checkbox"/> N/A</p>
<p>Lack of flexibility due to distortion of the mesh.</p> <p><input type="checkbox"/> OK <input type="checkbox"/> Repair <input type="checkbox"/> Replace</p> <p><input type="checkbox"/> N/A</p>	<p>Distortion of the choker fitting so the depth of the slot is increased by more than 10%.</p> <p><input type="checkbox"/> OK <input type="checkbox"/> Repair <input type="checkbox"/> Replace</p> <p><input type="checkbox"/> N/A</p>
<p>Distortion of either end fitting so the width of the eye opening is decreased by more than 10%.</p> <p><input type="checkbox"/> OK <input type="checkbox"/> Repair <input type="checkbox"/> Replace</p> <p><input type="checkbox"/> N/A</p>	<p>A 15% reduction of the original cross-sectional area of any point around the hook opening of the end fitting.</p> <p><input type="checkbox"/> OK <input type="checkbox"/> Repair <input type="checkbox"/> Replace</p> <p><input type="checkbox"/> N/A</p>

Visible distortion of either end fitting out of its plane. <input type="checkbox"/> OK <input type="checkbox"/> Repair <input type="checkbox"/> Replace <input type="checkbox"/> N/A	Cracked end fitting. <input type="checkbox"/> OK <input type="checkbox"/> Repair <input type="checkbox"/> Replace <input type="checkbox"/> N/A
Slings in which the spirals are locked or without free articulation SHALL not be used. <input type="checkbox"/> OK <input type="checkbox"/> Repair <input type="checkbox"/> Replace <input type="checkbox"/> N/A	Fittings that are pitted, corroded, cracked, bent, twisted, gouged, or broken. <input type="checkbox"/> OK <input type="checkbox"/> Repair <input type="checkbox"/> Replace <input type="checkbox"/> N/A
Other conditions, including visible damage, that cause doubt as to the continued use of the sling. <input type="checkbox"/> OK <input type="checkbox"/> Repair <input type="checkbox"/> Replace <input type="checkbox"/> N/A	

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Describe Other Conditions

ID LIFTING DEVICES/HOOKS

Devices/Hooks that show pitting, corroding, cracked, bent, twisted, gouged, or broken/loose components or welds. <input type="checkbox"/> OK <input type="checkbox"/> Repair <input type="checkbox"/> Replace <input type="checkbox"/> N/A	Evidence of heat damage. <input type="checkbox"/> OK <input type="checkbox"/> Repair <input type="checkbox"/> Replace <input type="checkbox"/> N/A
Bent, twisted, or deformed chain links or components. <input type="checkbox"/> OK <input type="checkbox"/> Repair <input type="checkbox"/> Replace <input type="checkbox"/> N/A	Lack of ability of chain or component to hinge (articulate) freely. <input type="checkbox"/> OK <input type="checkbox"/> Replace <input type="checkbox"/> Replace <input type="checkbox"/> N/A
Broken weld or broken brazed joint anywhere on the ID Lifting Device/Hook. <input type="checkbox"/> OK <input type="checkbox"/> Repair <input type="checkbox"/> Replace <input type="checkbox"/> N/A	Other conditions, including visible damage, that cause doubt as to the continued use of the device/hook. <input type="checkbox"/> OK <input type="checkbox"/> Repair <input type="checkbox"/> Replace <input type="checkbox"/> N/A

SUMMARY

This question only applies if Other conditions, including visible damage, that cause doubt as to the continued use of the sling. is OK, Replace, or Repair

Comments / Notes

Signature of Inspector
