

### Frequent Checklist: Daily/Hoist Pre-use Inspections

CRANE/HOIST ID: \_\_\_\_\_ LOAD RATING \_\_\_\_\_

OPERATOR/INSPECTOR \_\_\_\_\_

DEPT. /OWNER: \_\_\_\_\_ DATE/TIME \_\_\_\_\_

DESCRIBE TASK/PLANNED LIFT: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_


#### Crane/Hoist Operator's Daily / Pre-use Checklist


(Check off as appropriate)

YES	NO	N/A	
			Has the crane/hoist and rigging been visually inspected and found to be safe for use prior to the beginning of any lifting work?
			Is the load chart clearly visible to the operator?
			Is the rated capacity visibly marked on the crane?
			Has the load been calculated and verified to be below the limits of the hoist and rigging?
			Are operating controls clearly identified?
			Are the controls operating correctly?
			Has the monorail beam been walked and visually checked for broken bolts, loose anchors, etc.
			Has the monorail switches been checked for proper operation, broken items, loose anchors, etc.
			Does the hoist run along the monorail with smoothly?
			Is sufficient illumination provided for the operator to perform the work safely?
			Has a lift-plan of action been agreed to by the personnel involved?
			Is the path of the operator and stand-by/load positioning person been cleared of slip, trip, and fall obstacles?
			Has the lift/travel path been secured or visually marked to prevent entry by anyone?

Notes:

### Frequent Checklist: Daily/Rigging & Sling Pre-use Inspections

Inspection Date	Inspector (print/sign name)			
<b>Synthetic Round - Slings</b>				
Each polyester round-sling is permanently marked or labeled showing the following: (List details below)			Accept	Reject
	Name or trademark of manufacturer			
	Manufacturer's code or stock number			
	Rated capacities for the three basic hitches (vertical, choker, vertical basket)			
	Core fiber type – if cover(s) is of a different fiber type, both fiber types must be identified			
	Length (reach) – bearing point to bearing point			
	Each manufacturer must internally identify their product with name or trademark for traceability			
Slings are removed from service if any of the following defects are visible:				
	Missing or illegible sling identification			
	Acid or caustic burns			
	Melting or charring of any part of the surface			
	Snags, punctures, tears, cuts or abrasive wear that expose the core yarns			
	Broken or worn stitches in the cover which exposes the core yarns			
	Wear or elongation exceeding the amount recommended by the manufacturer			
	Stretched, cracked, worn, pitted or distortion of fittings			
	Knots in any part			

Inspection Date	Inspector (print/sign name)		
<b>Allow Steel –Chain And Wire Rope Slings</b>			
Alloy Steel-chain slings must be marked with the following: (List details below)		Accept	Reject
	Size		
	Manufacturer's grade		
	Rated load and angle on which the rating is based.		
	Reach		
	Numbers of legs		
	Sling manufacturer		
	Inspection due date label by hoist and rigging inspector		
<b>Inspection</b>			
	Link-by-link inspection		
	Uneven lengths when sling legs are hanging free		
	Rings and hooks		
	Deformed master links or coupling links		
	Hooks, twisted more than 10° or opened more than 15%		
	Hooks, Cracked or damaged		
	Homemade links, makeshift fasteners formed from bolts, rods, and the like, or other nonstandard attachments		
	Makeshift or field-fabricated hooks on steel-chain slings		

## Inspecting

Steel-chain sling users must visually inspect all slings before they are used as follows:

- Conduct a link-by-link inspection for the following defects: nicks, cracks, gouges, wear, bent links, stretched links, shearing of links, cracks in any section of link, scores, abrasions, heat damage, rust, corrosion or markings tending to weaken the links. Reject damaged items.
- Check steel-chain slings for uneven lengths when sling legs are hanging free.
- Check rings and hooks for bends, distortion, cracks in weld areas, corrosion, and scores, heat damage, or markings tending to weaken the links. Reject damaged items.
- Perform inspection on an individual-link basis. If any link does not hinge freely with the adjoining link, remove the assembly from service.
- Remove from service assemblies with deformed master links or coupling links.
- Remove from service assemblies if hooks have been opened more than 15% of the normal throat opening measured at the narrowest point or twisted more than 10 degrees from the plane of the unbent hook.
- Do not straighten deformed hooks or other attachments on the job. Assemblies with such defects must be reconditioned by the manufacturer or discarded.
- Remove from service assemblies with cracked or damaged hooks or other end attachments; assemblies with such defects must be reconditioned or repaired prior to return to service.
- Do not use homemade links, makeshift fasteners formed from bolts, rods, and the like, or other nonstandard attachments. Reject if discovered.
- Do not use makeshift or field-fabricated hooks on steel-chain slings. Reject if discovered.