



Frequent Inspection

Equipment shall be inspected at intervals dependent on the use of the equipment as follows:

- Normal service – Monthly
- Heavy service – Weekly to monthly
- Severe service – Daily to weekly

The following shall be inspected:

- Operating controls for proper operation, proper adjustment, and unusual sounds; squeaking, grinding, grating, etc.
- Verify operation of the upper limit device under no-load conditions. The load shall be inched into the limit or run in at a slow speed.
- Tanks, valves, pumps, lines, and other parts of air or hydraulic systems for leakage.
- Hooks and latches, looking for the following removal criteria:
 - Missing or illegible hook manufacturer's identification or secondary manufacturer's identification.
 - Missing or illegible rated load identification.
 - Excessive pitting or corrosion.
 - Cracks, nicks, or gouges.
 - Wear – any wear exceeding 10% of the original section dimension of the hook or its load pin.
 - Deformation – any visible apparent bend or twist from the plane of the unbent hook.
 - Throat opening – any distortion causing an increase in the throat opening of 5% of the original opening (not to exceed ¼ inch).
 - Inability to lock – any self-locking hook that does not lock.
 - Inoperative latch – any damage latch or malfunctioning latch that does not close the hook's throat.
 - Damaged, missing, or malfunctioning hook attachment and securing means.
 - Thread wear, damage or corrosion.
 - Evidence of excessive heat exposure or unauthorized welding.
 - Evidence of unauthorized alternations such as drilling, machining, grinding, or other modifications.
- Hoist chains, including end connections, for excessive wear, twist, distorted links interfering with proper functions, or stretch beyond manufacturer's recommendations.
- Rope for proper spooling onto the drums and sheaves
- Warning devices for proper operation
- Ropes, (see **Functional Inspections** for details)
- Hoist chains, including end connections, for excessive wear, twist, distorted links interfering with proper functions, or stretch beyond manufacturer's recommendations.
- Hooks and latches, looking for the following removal criteria:
 - Excessive throat opening
 - Damages or missing safety latch
 - Wear, deformation, corrosion
- Record the inspection using Frequent Inspection Form, retain originals in equipment file for one year.



Frequent Inspection Record

General Information	
Competent Person(s) completing initial inspection and test	
Date of Initial Inspection/Test	
Crane/Hoist Location	
Crane/Hoist Identifier	

	Pass	Fail
Operating controls		
Hoist Limit Devices		
No leakage		
Hooks and latches		
<ul style="list-style-type: none"> • Hook has manufacturer’s identification • Rated load identification • No pitting or corrosion • No cracks, nicks, or gouges • No excessive wear • No deformation • Throat opening • Ability to lock • Operative latch • Hook attachment and securing means • No excessive heat exposure/unauthorized welding • No unauthorized alternations (drilling, machining, grinding, etc.) 		
Proper spooling of rope onto drum and sheaves		
Warning devices for proper operation		
Ropes		
<ul style="list-style-type: none"> • No kinking, crushing, stranding, bird-caging, main strand displacement or core protrusion • No general corrosion • No broken or cut strands • No apparent heat damage from any heat source • Number, distribution, and type of visible broken wires 		

Competent Person Signature: _____