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

<table>
<thead>
<tr>
<th>Competent Person(s) completing initial inspection and test</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Date of Initial Inspection/Test</td>
<td></td>
</tr>
<tr>
<td>Crane/Hoist Location</td>
<td></td>
</tr>
<tr>
<td>Crane/Hoist Identifier</td>
<td></td>
</tr>
</tbody>
</table>

## Operating controls

<table>
<thead>
<tr>
<th>Pass</th>
<th>Fail</th>
</tr>
</thead>
</table>

## Hoist Limit Devices

<table>
<thead>
<tr>
<th>Pass</th>
<th>Fail</th>
</tr>
</thead>
</table>

## No leakage

<table>
<thead>
<tr>
<th>Pass</th>
<th>Fail</th>
</tr>
</thead>
</table>

## Hooks and latches

- 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

<table>
<thead>
<tr>
<th>Pass</th>
<th>Fail</th>
</tr>
</thead>
</table>

## Warning devices for proper operation

<table>
<thead>
<tr>
<th>Pass</th>
<th>Fail</th>
</tr>
</thead>
</table>

## Ropes

- 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:  


Last updated by: G. Head  
Last Updated: April 22, 2021