

**INSPECTION & MAINTENANCE CHECK LIST
 ELECTRICAL POWERED OVERHEAD CHAIN HOIST**

Type of Hoist _____ Capacity (Tons) _____
 Location _____ Original Installation Date _____
 Manufacturer _____ Manufacturer's Serial No. _____

Item	Frequency of Inspection			Possible Deficiencies	OK	Action Required
	Frequent		Periodic 1-12 Mo.			
	Daily	Monthly				
Operating Controls				Any deficiency causing improper operation		
Limit Switches				Any deficiency causing improper operation Pitting or deterioration		
Disc (Motor) Brake				Slippage or excessive wear Glazing, contamination or excessive wear		
Load Brake (Mechanical)				Failure to support load with disc brake open (see paragraph 4-3.1)		
Hooks				Excessive throat opening, bent or twisted more than 10 degrees, damaged hook latch, wear, chemical damage, worn hook bearing cracks (use dye penetrant, magnetic particle or other suitable detection method)		
Suspension Lug				Cracks, excessive wear or other damage which may impair the strength of the lug Cracks (use dye penetrant, magnetic particle or other suitable detection method)		
Chain				Inadequate lubrication, excessive wear or stretch, cracked, damaged or twisted links, corrosion or foreign substance		
Hook and Suspension Lug Connections				Cracks, bending, stripped threads, loose mounting screws.		
Pins, Bearings, Bushings, Shafts, Couplings, Chain Guides				Excessive wear, corrosion, cracks, distortion		
Nuts, Bolts, Rivets				Looseness, stripped and damaged threads, corrosion		
Sheaves				Distortion, cracks, and excessive wear Build up of foreign substances		
Housing Load Block				Cracks, Distortion, Excessive wear Internal build up of foreign substances		
Wiring and Terminals				Fraying, defective insulation		
Contact Block, Magnetic Hoist, Control Switch, Other Electrical Apparatus				Loose connections, burned or pitted contacts		
Supporting Structure and Trolley (if used)				Damage or wear in which restricts ability to support imposed loads		
Nameplates, Decals, Warning Labels				Missing, damaged or illegible		
Transmission Lubricant				Low Level, Requires Changing		

NOTE: Refer to maintenance and Inspection Sections of Hoist Maintenance Manual for further details.

FREQUENCY OF INSPECTION:

Frequent -- Indicates items requiring daily to monthly. Daily inspections may be performed by the operator if properly designated.

Periodic -- Indicates items requiring inspection monthly to yearly. Inspections to be performed by or under the direction of a properly designated person. The exact period inspection will depend on the frequency and type of usage. Determination of this period will be based on the user's experiences. It is recommended that the user begin with a monthly inspection and extend the periods to quarterly, semi-annually or annually based on his monthly experience.

INSPECTOR'S REPORT

ITEM	REMARKS (List Deficiencies and Recommended Action)

Inspector's Signature _____ Date Inspected _____ Approved By _____ Date _____