

ATTACHMENT 3

Inspection Checklist - Electric Chain Hoist
Inspect Monthly

Date: _____ Inspected By: _____

Location: _____ Crane Make: _____ Model: _____

Lifting Capacity: _____ Serial Number: _____

Warning: Disconnect power (and discharge the capacitor on single phase units) before inspecting hoists.

Equipment	OK	N/A	Faulty
I. Structural Support System			
A. Mounting Base	_____	_____	_____
B. Vertical Support Column	_____	_____	_____
C. Horizontal Support Column	_____	_____	_____
D. Support and Beam - Maximum rated capacity stenciled on the beam.	_____	_____	_____
II. Main Hoist			
A. Clean the chain by removing any foreign material such as dirt and grease and inspect the chain for wear using a gauge.	_____	_____	_____
B. Slack the chain and observe if wear exists at interlink bearing surface between the links.	_____	_____	_____
C. Inspect the chain for gouges, nicks, arc burns, twisted, bent, worn or damaged links.	_____	_____	_____
D. Inspect the loose end-link, loose end screw and dead end block and clevis pin on the double reeved units.	_____	_____	_____
E. Inspect sheave wheel for freedom of movement.	_____	_____	_____
F. Mechanical load spring brake	_____	_____	_____
G. Electric brake	_____	_____	_____

Equipment	OK	N/A	Faulty
H. Lower hook and throat opening measurement	_____	_____	_____
I. Upper Hook	_____	_____	_____
J. Hook Swivel	_____	_____	_____
K. Hook Pin	_____	_____	_____
L. Chain Drum	_____	_____	_____
M. Guards	_____	_____	_____
N. Limit Switches	_____	_____	_____
III. Operational			
A. Inspect that all connections are made and screw terminals are tight.	_____	_____	_____
B. Check the groundscrews to see that the ground wires of the pendant push button cable and power cord are secure.	_____	_____	_____
C. Master Switch	_____	_____	_____
D. Other	_____	_____	_____

Note: After the inspection, lubricate the chain with a light coat of penetrating oil and graphite.

Comments:

Send copy to: Department of Occupational Safety & Health, 1501 S. Oak Street, MC-821