

Appendix B: Crane & Hoist Monthly Inspection Checklist

#	Inspection Item	Yes	No	N/A
1	Conduct pre-use inspection of equipment. Does it pass the pre- use inspection? (See Appendix A)			
2	Any deformed, cracked, or corroded members?			
3	Are there worn, cracked, or distorted parts such as pins, bearings, wheels, shafts, gears, rollers, locking and clamping devices, bumpers, and stops?			
4	Is there excessive wear or improper operation of the brake system parts, linings, pawls, chain sprockets or ratchets?			
5	Any cracked or worn sheaves and drums?			
6	Are there loose or missing bolts, nuts, pins or rivets?			
7	Is there any signs of pitting or deterioration of controllers, master switches, contacts, limit switches, and push button stations?			
8	Are load, wind, and other indicators properly operating?			
9	Are gasoline, diesel, electric, or other power plants performing properly?			
10	Are stops provided at the limit of travel of the trolley?			
11	Corroded, cracked, bent, worn, or improperly applied end connections?			
12	Load chain reeving for compliance with hoist manufacturer's recommendation?			
Hook				
13	Is there any gouges, nicks, weld spatter, corrosion, deformation, cracks?			
14	Has the hook throat opening increased 5%, not to exceed ¼ inch (6 mm), more than the normal throat opening measured at the narrowest point?			
15	Is there any bend or twist from the plane of the unbent hook?			

#	Inspection Item	Yes	No	N/A
Chain				
16	Is there excessive drive chain stretch?			
17	Test the hoist under load in lifting and lowering directions and observe the operation of the chain and sprockets. Does the chain feed smoothly into and away from the sprockets?			
18	Does the chain bind, jump, or is noisy? If so, clean chain. If trouble continues inspect the chain and mating parts for wear, distortion, or other damage.			
19	Slacken the chain and move the adjacent links to one side to inspect for wear at the contact points. Is wear observed? Is stretching suspected?			

Refer to owner’s manual for any additional inspection items: Comments:

Crane ID number or identifier: _____

Inspector (print): _____

Sign: _____ Date: _____