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Praet Tool & Engineering

CRANE INSPECTIONS

February 2023

EQUIPMENT LIST:

CRANE #	MANUFACTURER	S/N	CAPACITY
1	Detroit Hoist	146350	10 Ton

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CRB CRANE AND SERVICE

CUSTOMER INSPECTION REPORT

Company	Praet Tool & Eng.	Description	Bridge Crane
Address	51214 Industrial Dr.	Location	01
	Macomb MI 48042	Capacity	10 Ton
Phone Number	586-677-3800	Crane Manufacturer	Detroit Hoist
FAX Number	586-677-3900	Crane Serial #	146350
Contact Name	Liz Pendleton	Hoist Manufacturer	Detroit Hoist
Inspection Type	Annual	Hoist Serial #	146350
Inspector	Mike Wilks 50041-23	Inspection Date	2/28/2023

Description	N/A	OK	Repair	Replace	Comments
HOIST 1					
Structural					
Guards and Covers		X			
General Structure and Welds		X			
Connection Hardware		X			
Capacity Label		X			
Structural Other		X			
Mechanical					
Wire Rope		X			
Drive Reducer (s) / Gearcase		X			Monitor - leak
Oil Levels / Lubrication		X			
Drive Motor (s)		X			
Brake (s)		X			
Mechanical Load Brake		X			
Hook & Latch		X			
Couplings		X			
Rope Sheaves		X			
Rope Drum		X			
Mechanical General Operation		X			
Upper and lower block		X			
Mechanical Other		X			
Electric					
Control Enclosure		X			
Fusing		X			
Resistors		X			
Contactors		X			
Inverter		X			
General Wiring and Conduit		X			
Over Capacity Protection		X			
Limit Switches		X			
Electrical other		X			

Description	N/A	OK	Repair	Replace	Comments
TROLLEY 1					
Structural					
Guards and Covers		X			
General Structure and Welds		X			
Connection Hardware		X			
Drop Lugs, Rail Sweeps and Bumpers		X			
Structural Other		X			
Mechanical					
Drive Shaft, Bearing and Couplings		X			
Wheels, Axles and Bearings		X			
Drive Reducer (s) / Gearcase		X			
Oil Levels / Lubrication		X			
Drive Motor (s)		X			
Mechanical General Operation		X			
Mechanical Other		X			
Electric					
Control Enclosure		X			
Fusing		X			
Resistors		X			
Contactors		X			
Soft Start / Inverter		X			
General Wiring and Conduit		X			
Electrical other		X			
BRIDGE					
Structural					
Guards and Covers		X			
Crane Tracking		X			
Clearances or Obstructions		X			
General Structure and Welds		X			
Girder Connections		X			
Drop Lugs, Rail Sweeps and Bumpers		X			
Rail/Beam Flange Wear		X			
Stops		X			
Capacity Label		X			
Structural Other		X			
Mechanical					
Wheels, Axles and Bearings		X			
Wheel Gears and Pinion Gears		X			
Drive Reducer (s) / Gearcase		X			
Oil Levels / Lubrication		X			
Drive Motor (s)		X			

Description	N/A	OK	Repair	Replace	Comments
Brake (s)		X			
CMAA Class Label		X			
Clearance or Obsructions		X			
Mechanical General Operation		X			
Mechanical Other		X			
Electric					
Control Enclosure		X			
Electrical Warning Labels		X			
Fusing		X			
Resistors		X			
Contactors		X			
Soft Start / Inverter		X			
General Wiring and Conduit		X			
Crane Disconnect		X			
Mainline Contactor		X			
Collectors		X			
Hoist/Trolley Conductors/Festoon		X			
Pendant Festoon		X			
Warning Device		X			
Electrical other		X			
RUNWAY					
Structural					
General Structure and Welds		X			
Rail/Beam Flange Wear		X			
Stops		X			
Elevation and Straightness (visual)		X			
Rail Fasteners		X			
Span (visual)		X			
Runway General Condition		X			
Runway Guarding		X			
Runway Other		X			
Structural Other		X			
Electric					
Mainline Disconnect		X			
Runway Collectors		X			
Conductor Bar		X			
PENDANT					
Operator					
Enclosure and Switches		X			
Legends		X			
Operator Warning Label		X			

Description	N/A	OK	Repair	Replace	Comments
General Operation		X			
Drop Cord and Strain Relief		X			
Test Run All Motions		X			
Other		X			
RADIO CONTROL					
Enclosure and Switches		X			
Legends		X			
Operator Warning Label		X			
General Operation		X			
Test Run All Motions		X			
Other		X			