

MSO1008 = 8 Melt shop Crane

Date: 07/09/24 Shift: N Crew: B

Comments:

Crane was also greased

Electrical - Main Hoist				
	OK	Action Req.	Repaired	Comments
Motors	X			
VFD	X			
Panels	X			
Resistors	X			
Wiring	X			
Brake	X			
Limit Switch / EPLS	X			

Electrical - Aux. 1 Hoist (35 Ton)				
	OK	Action Req.	Repaired	Comments
Motors	X			
VFD	X			
Panels	X			
Resistors	X			
Wiring	X			
Brake	X			
Limit Switch / EPLS	X			

Electrical - Aux. 2 Hoist (7.5 ton)				
	OK	Action Req.	Repaired	Comments
Motors	X			
VFD	X			
Panels	X			
Resistors	X			

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Electrical - Aux. 2 Hoist (7.5 ton)				
	OK	Action Req.	Repaired	Comments
Wiring	X			
Brake	X			
Limit Switch / EPLS	X			

Electrical - Trolley				
	OK	Action Req.	Repaired	Comments
Motors	X			
VFD	X			
Panels	X			
Resistors	X			
Overload Protection	X			
Brake	X			

Electrical - Bridge				
	OK	Action Req.	Repaired	Comments
Motors	X			
VFD	X			
Panels	X			
Resistors	X			
Overload Protection	X			
Brake	X			

Controls				
	OK	Action Req.	Repaired	Comments
Controls Function Properly	X			
Hoist By-passes	X			
Crane Start / Stop	X			
Mainline Contactor	X			
Magnet gate lock	X			

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Mechanical - Main Hoist				
	OK	Action Req.	Repaired	Comments
Gearboxes / Reducers	X			
Oil / Grease	X			
Bearings / Oil Seals	X			
Noise / Vibrations	X			
Couplings / Shafts	X			
Brake	X			
Limit Switch	X			

Mechanical - Aux. 1 Hoist (35 Ton)				
	OK	Action Req.	Repaired	Comments
Gearboxes / Reducers	X			
Oil / Grease	X			
Bearings / Oil Seals	X			
Noise / Vibrations	X			
Couplings / Shafts	X			
Brake	X			
Limit Switch	X			

Mechanical - Aux. 2 Hoist (7.5 ton)				
	OK	Action Req.	Repaired	Comments
Gearboxes / Reducers	X			
Oil / Grease	X			
Bearings / Oil Seals	X			
Noise / Vibrations	X			
Couplings / Shafts	X			
Brake	X			
Limit Switch	X			

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Mechanical - Trolley				
	OK	Action Req.	Repaired	Comments
Gearboxes / Reducers	X			
Oil / Grease	X			
Bearings / Oil Seals	X			
Noise / Vibrations	X			
Couplings / Shafts	X			
Brake	X			
Wheels / Wheel Bearings	X			

Mechanical - Bridge				
	OK	Action Req.	Repaired	Comments
Gearboxes / Reducers	X			
Oil / Grease	X			
Bearings / Oil Seals	X			
Noise / Vibrations	X			
Couplings / Shafts	X			
Brake	X			
Wheels / Wheel Bearings	X			

Conductors / Festoon				
	OK	Action Req.	Repaired	Comments
Wires / Terminations	X			
Slides	X			
Trucks / Supports	X			

Safety / Warning Devices				
	OK	Action Req.	Repaired	Comments
Horn / Buzzer	X			
Fire Extinguisher	X			
Capacity Signs	X			

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Safety / Warning Devices				
	OK	Action Req.	Repaired	Comments
Warning Lables	X			
General Condition	X			
Cleanliness	X			

Main Hoist				
	OK	Action Req.	Repaired	Comments
Wire Rope	X			
Sheaves	X			
Rope Drum	X			
Hook Throat Opening	X			
Hook / Thrust Bearing	X			

Aux. 1 Hoist (35 Ton)				
	OK	Action Req.	Repaired	Comments
Wire Rope	X			
Sheaves	X			
Rope Drum	X			
Hook Throat Opening	X			
Hook / Thrust Bearing	X			

Aux. 2 Hoist (7.5 ton)				
	OK	Action Req.	Repaired	Comments
Wire Rope	X			
Sheaves	X			
Rope Drum	X			
Hook Throat Opening	X			
Hook / Thrust Bearing	X			

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Structural Check (Visual Only)				
	OK	Action Req.	Repaired	Comments
Trolley Rails	X			
Bridge Rails	X			
End Stops	X			
Clips / J-Bolts / Splice Joints	X			
Girder Connections	X			
End Trucks	X			
Bumpers / Rail Sweeps	X			

Magnet				
	OK	Action Req.	Repaired	Comments
Cable Reel	X			
Panels	X			
Disconnect	X			
Wiring / Cord	X			
Control Switch / Blue light	X			
Contact Tips	X			

List Attachment : _____(J -Hooks, Spreader bars, Magnets etc.)

Certified Operator Signature : _____ Supervisor Signature : _____

All inspections shall be forwarded to CRANE CREW mailbox. Repaired by/Date: _____