

ATLANTIC CRANE



Prepared for:

Sautter Crane Rental

on

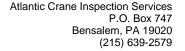
4/29/2023

DISCLAIMER

Inspection reports are based upon observed procedures and inspections performed by Atlantic Crane Inspection Services, but are not intended to replace or supersede the necessity for routine or preventative maintenance procedures recommended by others, such as, but not limited to: manufacturers, operators, and other inspecting organizations. Referral to applicable regulation is essential with regard to responsibilities of owners and users for use, maintenance, and normal operational inspections. It is especially important that owners and users, regularly and by means of extraordinary disassembly and/or non-destructive testing arrange to effectively examine parts of the equipment which may be reasonably accessible by routine examinations, including such examinations by Atlantic Crane Inspection Services.

Equipment owners and users should assure continuous compliance with all manufacturer's specifications, including, but not limited to: full range accuracy of load indicating devices, machinery, etc. regardless of the extent to which specifications can be evaluated during Atlantic Crane Inspection Services.

Other requirements of applicable Federal and State regulations not specifically considered with the scope of recorded by related Atlantic Crane Inspections Services' reports, remain for the continuing attention and responsibility of equipment owner and users, including, but not limited to: adequate lighting, walkways, ladders, stairways, clearance between moving and fixed structures, electrical motor restart lockouts, fire extinguishers in the vicinity, etc.



(SAT) Satisfactory



Inspection Sautter Crane Rental

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Lattice Boom Crane Inspection Report (1910.180 & 1926.1400-1926.1441 as necessary)

Completed by: Dylan VanHorn on 04/29/2023

Location:	Princeton, NJ
Serial #:	11001111
Unit #:	S229

Manufacturer:	Manitowoc
Model:	10000A-1
Capacity:	100 Tons
Length:	160' Main With 30' Fixed Extension (10 Degree Offset)
Type of Crane:	Crawler Lattice (1910.180 & 1926.1400)
Number of Lifting Hoist:	Main & Auxiliary
Boom Hoist Setup:	Gantry & Standard Mast
Jib:	Fixed Jib

Priorities Found: • 1 - Medium 3 - Low 101 - Good

Location of Equipment

1. Location of Equipment Princeton, NJ

Customer Sign Off

2. Customer Sign Off

Record of Maintenance

IF THERE ARE NO DEFICIENCIES NOTHING NEEDS TO BE DONE.

IF THERE ARE ANY HIGH, RED, DEFICIENCIES PLEASE FOLLOW THE BELOW INSTRUCTIONS

The deficiencies marked HIGH in RED shall be corrected and this report must be dated, signed and email THIS PAGE ONLY to either jaime@atlanticcrane.com or gina@atlanticcrane.com or fax THIS PAGE ONLY to our office at215-639-2316 and a certification and sticker will be issued. The above deficiencies denoted with (REC, MEDIUM, ORANGE) are recommended and are not required to be corrected to achieve certification. However, those items should be corrected to improve equipment reliability and safety.

The undersigned verifies the listed deficiend	cies denoted with an (DEF, HIGH, RED)	have been corrected.
Signature	Date	

Inspection Information Inspection Number 23042901DV Inspection Date 04/29/2023 5. Inspection Type (Ann) Annual **Hours** 6. Hours 5375.6 Hours Information & Records Documentation of Annual / Comprehensive Inspection (SAT) Satisfactory (SAT) Satisfactory Monthly Inspection

Atlantic Crane Inspection Services disclaims all warranties, both express and implied, relating to the information, reports, opinions and analysis disclosed to the Customer by Atlantic Crane Inspection Services. Atlantic Crane Inspection Services shall not be liable for any errors or omissions, or any losses, injury or damages arising from the use of such information, reports, opinions and analysis by the Customer.

• 10.	Hand Signal Chart	(SAT) Satisfactory
• 11.	Safety and Warning Labels	(SAT) Satisfactory
12.	Operator's Manual	(SAT) Satisfactory
Safety	y Devices / Operational Aids	
13.	Boom Angle Indicator	(SAT) Satisfactory
14.	Drum rotation indicator	(SAT) Satisfactory
1 5.	Two-Block System	(SAT) Satisfactory
1 6.	Radius Indicator	(SAT) Satisfactory
1 7.	Load Moment Indicator	(SAT) Satisfactory
1 8.	Crane Level Indicator	(SAT) Satisfactory
1 9.	Boom Hoist Limiting Device	(SAT) Satisfactory
20.	Fire Extinguisher	(SAT) Satisfactory
Load	-	· · ·
	Load Chart	(SAT) Satisfactory
	Per Configuration	(SAT) Satisfactory
	Durable / Legible/ Secured	(SAT) Satisfactory
	er Assembly	(entry dunishable)
	Car body/ Side frames	(SAT) Satisfactory
25.		(SAT) Satisfactory
-	Track Pads, and Pins	(SAT) Satisfactory
	Travel Steering, Brakes, and Locking Devices	(SAT) Satisfactory
		(SAT) Satisfactory
-	ator's Station	(CAT) Catiofactoms
28.		(SAT) Satisfactory
29.		(SAT) Satisfactory
30.	•	(SAT) Satisfactory
	Horn	(SAT) Satisfactory
	Anti-Skid Stepping Surfaces	(SAT) Satisfactory
33.		(SAT) Satisfactory
	Decals	(SAT) Satisfactory
	Electrocution Warning Sign(inside the cab)	(SAT) Satisfactory
3 6.	•	(SAT) Satisfactory
37 .	3	(SAT) Satisfactory
3 8.		(SAT) Satisfactory
9 39.		(SAT) Satisfactory
• 40.	,	(SAT) Satisfactory
• 41.	3	(SAT) Satisfactory
4 2.		(SAT) Satisfactory
• 43.		(SAT) Satisfactory
• 44.		(SAT) Satisfactory
4 5.	, , , , ,	(SAT) Satisfactory
4 6.	Operator Cutoff (Deadman) Switch	(SAT) Satisfactory
Rotati	ing Upper Structure	
4 7.	Engine	(SAT) Satisfactory
4 8.	Oil & Fluid Levels	(SAT) Satisfactory
4 9.	Turntable / Bearing	(SAT) Satisfactory
5 0.	Ring and Pinion Gear	(SAT) Satisfactory
5 1.	Hydraulic and Pneumatic Pumps	(SAT) Satisfactory

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			(OAT) O. ('. f	
	52.		(SAT) Satisfactory	
	53.	Hydraulic Pressure	(SAT) Satisfactory	
	54.	Covers and Guards	(SAT) Satisfactory	
	55.	Electrical Wiring	(SAT) Satisfactory	
	56.	External Lights	(SAT) Satisfactory	
	57.	Swing System / Assembly	(SAT) Satisfactory	
	58.	Torque Converter	(SAT) Satisfactory	
	59.	Slip resistant walking and stepping surfaces	(SAT) Satisfactory	
	60.	Steps, Grab rails, and platforms	(SAT) Satisfactory	
	61.	Access to Cab and Roof	(SAT) Satisfactory	
	62.	Air System	(SAT) Satisfactory	
	63.	Counterweight Mounting	(SAT) Satisfactory	
	64.	Counterweight Warnings SIgns	(SAT) Satisfactory	
	65.	Electrocution Warnings Signs	(SAT) Satisfactory	
	66.	Structure	(SAT) Satisfactory	
Н	oist S	System		
	67.	Brakes and Clutch System	(SAT) Satisfactory	
	68.	Wire Rope Reeving	(SAT) Satisfactory	
	69.	Meets 2 rope wrap minimum	(SAT) Satisfactory	
	70.	Motor	(SAT) Satisfactory	
	71.	Drums/Lagging/Flanges	(SAT) Satisfactory	
	72.	Anchor System	(SAT) Satisfactory	
	73.	Drum Spooling	(SAT) Satisfactory	
В	oom			О
	74.	Gantry and Mast	(SAT) Satisfactory	
	75.	Boom Stops	(SAT) Satisfactory	
	76.	Inner Bail	(SAT) Satisfactory	
	77.	Outer Bail and Equalizer	(SAT) Satisfactory	
	78.	Boom Section Sequence	(SAT) Satisfactory	
	79.	Boom Section Alignment	(SAT) Satisfactory	
	80.	Warning Labels and Decals	(SAT) Satisfactory	
	81.	Sheaves	(SAT) Satisfactory	
	82.	Boom Head Section	(SAT) Satisfactory	
	83.	Lattice Members	(MON) Monitor	P89
	-	Minor dings in lacings at the head section and 3rd 40' section on boom. Monitor condition monthly.	, ,	
	84.	Cord Members	(SAT) Satisfactory	
	85.	End Connections/Pins	(SAT) Satisfactory	
	86.	Boom Foot Pins and Keepers	(SAT) Satisfactory	
	87.		(SAT) Satisfactory	
	88.	Wire Rope Retainers	(SAT) Satisfactory	
Ji				
	89.	Sheaves	(SAT) Satisfactory	
	90.	Wire Rope Retainers	(SAT) Satisfactory	
	91.	Lattice Members	(SAT) Satisfactory	
	92.	Cord Members	(SAT) Satisfactory	
	93.	End Connections and Pins	(SAT) Satisfactory	
	94.	Jib Stops	(SAT) Satisfactory	
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		pe Auxiliary Drum 1			C
95	5.	Diameter & Wear			
		Size	Construction	Number of Parts of Line	
		26 mm	Rotation Resistant	1 Part	
96	6.	Rope Damage		(SAT) None Visible at Time of inspection	
97	7.	Lubrication		(SAT) Satisfactory	
98	8.	End Connectors		(MON) Monitor	Р
-		Some spacing in second wrap of wire	e rope on auxiliary drum. Monitor condit	ion monthly.	
Vire	ro	pe Boom Hoist Drum			C
99	9.	Diameter & Wear			
		Size:	Construction		
		16 mm	6x RRL		
10	0.	Rope Damage		(SAT) None Visible at Time of inspection	
10)1.	Lubrication		(SAT) Satisfactory	
10	2.	End Connectors		(MON) Monitor	Р
-		Some spacing in lower wraps of wire	rope on boom hoist drum. Monitor cond	dition monthly.	
enc	dan	nts & End connections			
10	3.	Diameter & Wear			
		Size:	Construction		
		31mm	6x RRL		
		Jib Pendants: 22mm & 6x RRL	OA TITLE		
10		Pendant Damage.		(SAT) Satisfactory	
		oist Load Block/Ball & Hook		(entry cultivatory	
		Capacity & Weight			
10			\\\a:\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\		
		Capacity	Weight		
		N/A	N/A		-
		ry Hoist Load Block/Ball & Ho	OK		
10		Capacity & Weight			Р
		Capacity	Weight		
		N/A	N/A		
-		Information tag for ball missing. High	nly recommend replacing.		
		Safety Latches		(SAT) Satisfactory	
		0° Hook Bend or Twist		(SAT) Satisfactory	
		5% Hook Opening or 1/4" Max		(SAT) Satisfactory	
11	0.	10% Hook Wear Max		(SAT) Satisfactory	
11	1.	Swivel / Bearing		(SAT) Satisfactory	
11	2.	Wedge Socket / End Fitting		(SAT) Satisfactory	
11	3.	Reeving		(SAT) Satisfactory	
/erif	fica	ation and Completion			
11	4.	Inspector Name and Signature		Dylan VanHorn	
		Inspector Name and Signature		Dylan VanHorn	

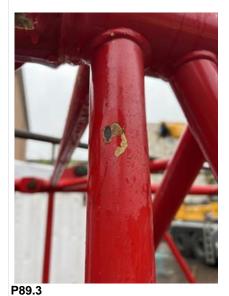
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115. Additional Inspection Notes

116. Sticker Given (N) No, Will be Mailed



P6.1





P89.2



P108.4





P112.5 P112.6



P127.7