



Inspection
Sautter Crane Rental

FolderID: 14129
FormID: 21302781



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

Completed by: Chris Hunter on 08/14/2024

Location: Black Lake Place, Phila., PA

Serial #: 043 404

Unit #: S359

Manufacturer:	Liebherr
Model:	LTM 1110-5.1
Capacity:	125 Ton
Length/Lift:	197'
Type of Crane:	Truck Crane (1910.180 & 1926.1400)
Number of Hoists:	Main & Auxiliary (Not in Use)
Boom Configuration:	Main Boom with Stowed Jib

Priorities Found: ● **100 - Good**

Customer Sign Off

- Customer Sign Off

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 at 215-639-2316 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 deficiencies denoted with an (DEF, HIGH, RED) have been corrected.

Signature

Date

Inspection Information

2. Inspection Number	24081405CH
3. Inspection Date	08/14/2024
● 4. Inspection Type	(Ann) Annual

Information & Records

● 5. Documentation of Annual / Comprehensive Inspection	(SAT) Satisfactory
● 6. Hand Signal Chart	(SAT) Satisfactory
● 7. Safety and Warning Labels	(SAT) Satisfactory
● 8. Operator's Manual	(SAT) Satisfactory

Safety Devices / Operational Aids

● 9. Audible Reverse Signal Alarm	(SAT) Satisfactory
● 10. Audible Warning Device	(SAT) Satisfactory
● 11. Boom Angle Indicator	(SAT) Satisfactory
● 12. Boom Length Indicator	(SAT) Satisfactory
● 13. Drum Rotation Indicator	(SAT) Satisfactory
● 14. Two-Block System	(SAT) Satisfactory
● 15. Load Moment Indicator	(SAT) Satisfactory
● 16. Load Weight Indicator	(SAT) Satisfactory


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.

● 17.	Level Indicator	(SAT) Satisfactory
● 18.	Fire Extinguisher	(SAT) Satisfactory
Load Chart		
● 19.	Load Chart	(SAT) Satisfactory
● 20.	Per Configuration	(SAT) Satisfactory
● 21.	Visible from Fixed Operator's Station	(SAT) Satisfactory
Carrier		
● 22.	Steering	(SAT) Satisfactory
● 23.	Parking Brake	(SAT) Satisfactory
● 24.	External Lights (Headlights, Taillights, Brake Lights)	(SAT) Satisfactory
● 25.	Windshield Wipers	(SAT) Satisfactory
● 26.	Windows / Mirrors	(SAT) Satisfactory
● 27.	Wheels/Tires	(SAT) Satisfactory
● 28.	Engine Performance	(SAT) Satisfactory
● 29.	Exhaust System	(SAT) Satisfactory
● 30.	Drive Line	(SAT) Satisfactory
● 31.	Main Frame Members	(SAT) Satisfactory
● 32.	Hydraulic Hoses, Fittings, Tubes	(SAT) Satisfactory
● 33.	Hydraulic Fluid Level	(SAT) Satisfactory
● 34.	Hoses / Tubing / Fittings .	(SAT) Satisfactory
● 35.	Slip Resistant Walking surface	(SAT) Satisfactory
Outriggers		
● 36.	Boxes & Beams	(SAT) Satisfactory
● 37.	Hydraulic Cylinders	(SAT) Satisfactory
● 38.	Pad / Float	(SAT) Satisfactory
● 39.	Hoses / Tubing / Fittings	(SAT) Satisfactory
● 40.	Holding Valves	(SAT) Satisfactory
● 41.	Caution / Warning Signs	(SAT) Satisfactory
Operator's Station		
● 42.	Windows/Wipers	(SAT) Satisfactory
● 43.	Cab Door Restraint	(SAT) Satisfactory
● 44.	Cab Access	(SAT) Satisfactory
● 45.	Steps / Ladders / Handrails	(SAT) Satisfactory
● 46.	Anti-Skid Stepping Surfaces	(SAT) Satisfactory
● 47.	Fire Extinguisher	(SAT) Satisfactory
● 48.	Electrocution Warning Sign(s)	(SAT) Satisfactory
● 49.	Horn	(SAT) Satisfactory
● 50.	Controls Identified	(SAT) Satisfactory
● 51.	Control Functions	(SAT) Satisfactory
● 52.	Power Plant Controls	(SAT) Satisfactory
● 53.	Operator Cutoff (Deadman) Switch	(SAT) Satisfactory
Rotating Upper Structure		
● 54.	Engine Performance	(SAT) Satisfactory
● 55.	Exhaust System/Guards & Insulators	(SAT) Satisfactory
● 56.	Hoses	(SAT) Satisfactory
● 57.	Counterweight Frame	(SAT) Satisfactory
● 58.	Ring and Pinion Gear	(SAT) Satisfactory
● 59.	Hydraulic and Pneumatic Pumps	(SAT) Satisfactory

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.

60.	Hydraulic Tubes, Fitting, and Hoses	(SAT) Satisfactory	
61.	Hydraulic Pressure	(SAT) Satisfactory	
62.	Electrical Wiring	(SAT) Satisfactory	
63.	Swing System / Assembly	(SAT) Satisfactory	
64.	Counterweight Mounting	(SAT) Satisfactory	
65.	Counterweight Posted Warnings	(SAT) Satisfactory	
66.	Electrocution Posted Warnings	(SAT) Satisfactory	
67.	Structure	(SAT) Satisfactory	
Hoist System			
68.	Brakes and Clutch System	(SAT) Satisfactory	
69.	Wire Rope Reeving	(SAT) Satisfactory	
70.	2 Rope Wrap Minimum	(SAT) Satisfactory	
71.	Motor	(SAT) Satisfactory	
72.	Drums/Lagging/Flanges	(SAT) Satisfactory	
73.	Anchor System	(SAT) Satisfactory	
74.	Hoist Spooling	(SAT) Satisfactory	
Main Boom			
75.	Lift Cylinder(s)	(SAT) Satisfactory	
76.	Telescoping Boom Cylinder(s)	(SAT) Satisfactory	
77.	Hydraulic Hoses, Tubes, and Fittings	(SAT) Satisfactory	
78.	Holding Device	(SAT) Satisfactory	
79.	Boom Sections Alignment	(SAT) Satisfactory	
80.	Wear Pads	(SAT) Satisfactory	
81.	Sheaves	(SAT) Satisfactory	
82.	Boom Hinge Pin	(SAT) Satisfactory	
83.	Boom Head Section	(SAT) Satisfactory	
84.	Structure	(SAT) Satisfactory	
Jib/Fly Extension			
85.	Sheaves	(SAT) Satisfactory	
86.	Structure	(SAT) Satisfactory	
87.	Locking Device	(SAT) Satisfactory	
88.	Alignment	(SAT) Satisfactory	
89.	End Connections and Pins	(SAT) Satisfactory	
Main Drum Wire Rope			
90.	Diameter and wear		
	Size	Construction	Number of Parts of Line
	20mm	RR	3 parts
91.	Rope Damage	(SAT) None Visible at Time of inspection	
92.	Lubrication	(SAT) Satisfactory	
93.	End Connectors	(SAT) Satisfactory	
Auxiliary drum wire rope			
94.	Diameter and wear		
	Size	Construction	Number of Parts of Line
	20mm	RR	
Main Hoist Load Block/Ball & Hook			

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.

95. Capacity & Weight		
Capacity	Weight	
32 Ton	450 kg	
<input checked="" type="radio"/> 96.	Capacity Marking	(SAT) Satisfactory
<input checked="" type="radio"/> 97.	Weight Marking	(SAT) Satisfactory
<input checked="" type="radio"/> 98.	Sheave(s)	(SAT) Satisfactory
<input checked="" type="radio"/> 99.	Safety Latch(es)	(SAT) Satisfactory
<input checked="" type="radio"/> 100.	0° Hook Bend or Twist	(SAT) Satisfactory
<input checked="" type="radio"/> 101.	5% Hook Opening or 1/4" Max	(SAT) Satisfactory
<input checked="" type="radio"/> 102.	10% Hook Wear Max	(SAT) Satisfactory
<input checked="" type="radio"/> 103.	Bearing	(SAT) Satisfactory
<input checked="" type="radio"/> 104.	Wedge Socket / End Fitting	(SAT) Satisfactory
<input checked="" type="radio"/> 105.	Reeving	(SAT) Satisfactory
Verification and Completion		
106.	Inspector Name and Signature	Christopher J Hunter
		
<input checked="" type="radio"/> 107.	Sticker Given	(N) No, Will be Mailed

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.