



**Inspection**  
**Sautter Crane Rental**

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

**Completed by: Chris Hunter on 07/18/2023**

**Location:** Black Lake Place, Phila., PA

**Serial #:** 089 251

**Unit #:** S277

<b>Manufacturer:</b>	Liebherr
<b>Model:</b>	LTM 1090-4.2
<b>Capacity:</b>	110 Ton
<b>Length/Lift:</b>	197'
<b>Type of Crane:</b>	Truck Crane (1910.180 & 1926.1400)
<b>Number of Hoists:</b>	Main & Auxiliary (Not in Use)
<b>Boom Configuration:</b>	Main Boom with Stowed Jib

Priorities Found: ● **101 - 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	23071801CH
3. Inspection Date	07/18/2023
● 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


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● 17.	Level Indicator	(SAT) Satisfactory
● 18.	Fire Extinguisher	(SAT) Satisfactory
<b>Load Chart</b>		
● 19.	Load Chart	(SAT) Satisfactory
● 20.	Per Configuration	(SAT) Satisfactory
● 21.	Visible from Fixed Operator's Station	(SAT) Satisfactory
<b>Carrier</b>		
● 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
<b>Outriggers</b>		
● 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
<b>Operator's Station</b>		
● 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
<b>Rotating Upper Structure</b>		
● 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

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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
<b>Hoist System</b>		
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
<b>Main Boom</b>		
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.	Auxiliary Boom Head	(SAT) Satisfactory
85.	Structure	(SAT) Satisfactory
<b>Jib/Fly Extension</b>		
86.	Sheaves	(SAT) Satisfactory
87.	Structure	(SAT) Satisfactory
88.	Locking Device	(SAT) Satisfactory
89.	Alignment	(SAT) Satisfactory
90.	End Connections and Pins	(SAT) Satisfactory
<b>Main Drum Wire Rope</b>		
91.	Diameter and wear	
	Size	Construction
	17mm	RR
		Number of Parts of Line
		2 parts
92.	Rope Damage	(SAT) None Visible at Time of inspection
93.	Lubrication	(SAT) Satisfactory
94.	End Connectors	(SAT) Satisfactory
<b>Auxiliary drum wire rope</b>		
95.	Diameter and wear	
	Size	Construction
	17mm	RR
		Number of Parts of Line
<b>Main Hoist Load Block/Ball &amp; Hook</b>		

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96. Capacity & Weight		
Capacity	Weight	
<b>16 Ton</b>	<b>300 kg</b>	
<input checked="" type="radio"/> 97. Capacity Marking	<b>(SAT) Satisfactory</b>	
<input checked="" type="radio"/> 98. Weight Marking	<b>(SAT) Satisfactory</b>	
<input checked="" type="radio"/> 99. Sheave(s)	<b>(SAT) Satisfactory</b>	
<input checked="" type="radio"/> 100. Safety Latch(es)	<b>(SAT) Satisfactory</b>	
<input checked="" type="radio"/> 101. 0° Hook Bend or Twist	<b>(SAT) Satisfactory</b>	
<input checked="" type="radio"/> 102. 5% Hook Opening or 1/4" Max	<b>(SAT) Satisfactory</b>	
<input checked="" type="radio"/> 103. 10% Hook Wear Max	<b>(SAT) Satisfactory</b>	
<input checked="" type="radio"/> 104. Bearing	<b>(SAT) Satisfactory</b>	
<input checked="" type="radio"/> 105. Wedge Socket / End Fitting	<b>(SAT) Satisfactory</b>	
<input checked="" type="radio"/> 106. Reeving	<b>(SAT) Satisfactory</b>	
<b>Verification and Completion</b>		
107. Inspector Name and Signature	<b>Christopher J Hunter</b>	
		
<input checked="" type="radio"/> 108. Sticker Given	<b>(Y) Yes, Given on Site</b>	

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