



Prepared for:

Sautter Crane Rental

,

on

10/4/2024

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.



Atlantic Crane Inspection Services
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Inspection Sautter Crane Rental

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

Completed by: Brian McMahon on 10/04/2024

Location: USA
Serial #: 096 607
Unit #: S242

Manufacturer: Liebherr
Model: LTR1220
Capacity: 250 Ton
Length/Lift: 197'
Type of Crane: Tele. Crawler (1910.180 & 1926.1400)
Number of Hoists: Main & Auxiliary
Boom Configuration: Main Boom w/o Attached Jib

Priorities Found: ● 2 - Medium ● 103 - Good

Location of Equipment

1. Location of Equipment **Portal Bridge**

Customer Sign Off

2. 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 jaim@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

3. Inspection Number **24100401BM**
4. Inspection Date **10/04/2024**
● 5. Inspection Type **(Ann) Annual**

Information & Records

● 6. Documentation of Annual / Comprehensive Inspection **(SAT) Satisfactory**
7. Monthly Inspection **(NOTE) Note**
● *Not available at the time of inspection*
8. Record of Maintenance **(NOTE) Note**
● *Not available at the time of inspection*
● 9. Hand Signal Chart **(SAT) Satisfactory**
● 10. Safety and Warning Labels **(SAT) Satisfactory**
● 11. Operator's Manual **(SAT) Satisfactory**

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Safety Devices / Operational Aids			
●	12. Audible Reverse Signal Alarm	(SAT) Satisfactory	
●	13. Audible Warning Device	(SAT) Satisfactory	
●	14. Boom Angle Indicator	(SAT) Satisfactory	
●	15. Boom Length Indicator	(SAT) Satisfactory	
●	16. Drum Rotation Indicator	(SAT) Satisfactory	
●	17. Two-Block System	(SAT) Satisfactory	
●	18. Load Moment Indicator	(SAT) Satisfactory	
●	19. Load Weight Indicator	(SAT) Satisfactory	
●	20. Level Indicator	(SAT) Satisfactory	
●	21. Fire Extinguisher	(SAT) Satisfactory	
Load Chart			
●	22. Load Chart	(SAT) Satisfactory	
●	23. Per Configuration	(SAT) Satisfactory	
●	24. Visible from Fixed Operator's Station	(SAT) Satisfactory	
Crawler Assembly			
●	25. Carbody And sideframes	(SAT) Satisfactory	
●	26. Chain and idler sprokets	(SAT) Satisfactory	
●	27. Track Pads and pins	(SAT) Satisfactory	
●	28. Travel Steering, Brakes, and Locking devices	(SAT) Satisfactory	
●	29. Steering Clutches	(SAT) Satisfactory	
Outriggers			
●	30. Boxes & Beams	(NOTE) Note	P33
	 <i>bar bent on jacks 3 & 4</i>		
●	31. Hydraulic Cylinders	(SAT) Satisfactory	
●	32. Pad / Float	(NOTE) Note	P35
	 <i>pads bent on jacks 3 & 4.</i>		
●	33. Hoses / Tubing / Fittings	(SAT) Satisfactory	
●	34. Holding Valves	(SAT) Satisfactory	
●	35. Caution / Warning Signs	(SAT) Satisfactory	
Operator's Station			
●	36. Windows/Wipers	(SAT) Satisfactory	
●	37. Cab Door Restraint	(SAT) Satisfactory	
●	38. Cab Access	(SAT) Satisfactory	
●	39. Steps / Ladders / Handrails	(SAT) Satisfactory	
●	40. Anti-Skid Stepping Surfaces	(SAT) Satisfactory	
●	41. Fire Extinguisher	(SAT) Satisfactory	
●	42. Electrocution Warning Sign(s)	(SAT) Satisfactory	
●	43. Horn	(SAT) Satisfactory	
●	44. Controls Identified	(SAT) Satisfactory	
●	45. Control Functions	(SAT) Satisfactory	
●	46. Power Plant Controls	(SAT) Satisfactory	
●	47. Brake and Clutch	(SAT) Satisfactory	
●	48. Travel Brakes	(SAT) Satisfactory	
●	49. Travel Controls	(SAT) Satisfactory	
●	50. Travel Mechanism	(SAT) Satisfactory	
●	51. Travel Locks	(SAT) Satisfactory	

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● 52. Operator Cutoff (Deadman) Switch	(SAT) Satisfactory
Rotating Upper Structure	
● 53. Engine Performance	(SAT) Satisfactory
● 54. Exhaust System/Guards & Insulators	(SAT) Satisfactory
● 55. Hoses	(SAT) Satisfactory
● 56. Turntable / Bearing	(SAT) Satisfactory
● 57. Counterweight Frame	(SAT) Satisfactory
● 58. Ring and Pinion Gear	(SAT) Satisfactory
● 59. Hydraulic and Pneumatic Pumps	(SAT) Satisfactory
● 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. Auxiliary Boom Head	(SAT) Satisfactory
● 85. Structure	(SAT) Satisfactory
Main Drum Wire Rope	
86. Diameter and wear	
Size	Construction
23mm	RR RLL
	Number of Parts of Line
	3
● 87. Rope Damage	(SAT) None Visible at Time of inspection
● 88. Lubrication	(SAT) Satisfactory
● 89. End Connectors	(SAT) Satisfactory
Auxiliary drum wire rope	

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90. Diameter and wear			
Size	Construction	Number of Parts of Line	
23mm	RR RLL	1	
91. Rope Damage		(SAT) None Visible at Time of inspection	
92. Lubrication.		(SAT) Satisfactory	
93. End Connectors		(SAT) Satisfactory	
Main Hoist Load Block/Ball & Hook			
94. Capacity & Weight			P98
Capacity	Weight		
32 Tons	840 kg		
95. Capacity Marking		(SAT) Satisfactory	
96. Weight Marking		(SAT) Satisfactory	
97. Sheave(s)		(SAT) Satisfactory	
98. Safety Latch(es)		(SAT) Satisfactory	
99. 0° Hook Bend or Twist		(SAT) Satisfactory	
100. 5% Hook Opening or 1/4" Max		(SAT) Satisfactory	
101. 10% Hook Wear Max		(SAT) Satisfactory	
102. Bearing		(SAT) Satisfactory	
103. Wedge Socket / End Fitting		(SAT) Satisfactory	
104. Reeving		(SAT) Satisfactory	
Auxiliary Hoist Load Block/Ball & Hook			
105. Capacity & Weight			P109
Capacity	Weight		
12.5 Tons	500 kg		
106. Capacity Marking		(SAT) Satisfactory	
107. Weight Marking		(SAT) Satisfactory	
108. Safety Latches		(SAT) Satisfactory	
109. 0° Hook Bend or Twist		(SAT) Satisfactory	
110. 5% Hook Opening or 1/4" Max		(SAT) Satisfactory	
111. 10% Hook Wear Max		(SAT) Satisfactory	
112. Swivel / Bearing		(SAT) Satisfactory	
113. Wedge Socket / End Fitting		(SAT) Satisfactory	
114. Reeving		(SAT) Satisfactory	
Verification and Completion			
115. Inspector Name and Signature	Brian C McMahon		
			
NCCCO Inspector #R121083227			
116. Sticker Given	(N) No, Will be Mailed		



P33.1



P33.2



P35.3



P35.4



P98.5



P109.6

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