



Atlantic Crane Inspection Services
 P.O. Box 747
 Bensalem, PA 19020
 (215) 639-2579

Inspection
Sautter Crane Rental

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

Completed by: Dylan VanHorn on 06/03/2023

Location:	Black Lake Place, Phila., PA
Serial #:	083 807
Unit #:	S321

Manufacturer:	Liebherr
Model:	LTM 1050 3.1
Capacity:	60 Tons
Length/Lift:	125'
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: ● **102 - Good**

Location of Equipment

1. Location of Equipment **Philadelphia, PA**

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 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

3. Inspection Number	23060301DV
4. Inspection Date	06/03/2023
● 5. Inspection Type	(Ann) Annual

Information & Records

● 6. Documentation of Annual / Comprehensive Inspection	(SAT) Satisfactory
● 7. Monthly Inspection	(SAT) Satisfactory
● 8. Record of Maintenance	(SAT) Satisfactory
● 9. Hand Signal Chart	(SAT) Satisfactory
● 10. Safety and Warning Labels	(SAT) Satisfactory
● 11. Operator's Manual	(SAT) Satisfactory

Safety Devices / Operational Aids

● 12. Audible Reverse Signal Alarm	(SAT) Satisfactory
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● 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
Carrier	
● 25. Steering	(SAT) Satisfactory
● 26. Parking Brake	(SAT) Satisfactory
● 27. External Lights (Headlights, Taillights, Brake Lights)	(SAT) Satisfactory
● 28. Windshield Wipers	(SAT) Satisfactory
● 29. Windows / Mirrors	(SAT) Satisfactory
● 30. Wheels/Tires	(SAT) Satisfactory
● 31. Engine Performance	(SAT) Satisfactory
● 32. Exhaust System	(SAT) Satisfactory
● 33. Drive Line	(SAT) Satisfactory
● 34. Main Frame Members	(SAT) Satisfactory
● 35. Hydraulic Hoses, Fittings, Tubes	(SAT) Satisfactory
● 36. Hydraulic Fluid Level	(SAT) Satisfactory
● 37. Hoses / Tubing / Fittings .	(SAT) Satisfactory
● 38. Slip Resistant Walking surface	(SAT) Satisfactory
Outriggers	
● 39. Boxes & Beams	(SAT) Satisfactory
● 40. Hydraulic Cylinders	(SAT) Satisfactory
● 41. Pad / Float	(SAT) Satisfactory
● 42. Hoses / Tubing / Fittings	(SAT) Satisfactory
● 43. Holding Valves	(SAT) Satisfactory
● 44. Caution / Warning Signs	(SAT) Satisfactory
Operator's Station	
● 45. Windows/Wipers	(SAT) Satisfactory
● 46. Cab Door Restraint	(SAT) Satisfactory
● 47. Cab Access	(SAT) Satisfactory
● 48. Steps / Ladders / Handrails	(SAT) Satisfactory
● 49. Anti-Skid Stepping Surfaces	(SAT) Satisfactory
● 50. Fire Extinguisher	(SAT) Satisfactory
● 51. Electrocution Warning Sign(s)	(SAT) Satisfactory
● 52. Horn	(SAT) Satisfactory
● 53. Controls Identified	(SAT) Satisfactory
● 54. Control Functions	(SAT) Satisfactory
● 55. Power Plant Controls	(SAT) Satisfactory

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● 56. Operator Cutoff (Deadman) Switch	(SAT) Satisfactory
Rotating Upper Structure	
● 57. Engine Performance	(SAT) Satisfactory
● 58. Exhaust System/Guards & Insulators	(SAT) Satisfactory
● 59. Hoses	(SAT) Satisfactory
● 60. Counterweight Frame	(SAT) Satisfactory
● 61. Ring and Pinion Gear	(SAT) Satisfactory
● 62. Hydraulic and Pneumatic Pumps	(SAT) Satisfactory
● 63. Hydraulic Tubes, Fitting, and Hoses	(SAT) Satisfactory
● 64. Hydraulic Pressure	(SAT) Satisfactory
● 65. Electrical Wiring	(SAT) Satisfactory
● 66. Swing System / Assembly	(SAT) Satisfactory
● 67. Counterweight Mounting	(SAT) Satisfactory
● 68. Counterweight Posted Warnings	(SAT) Satisfactory
● 69. Electrocutation Posted Warnings	(SAT) Satisfactory
● 70. Structure	(SAT) Satisfactory
Hoist System	
● 71. Brakes and Clutch System	(SAT) Satisfactory
● 72. Wire Rope Reeving	(SAT) Satisfactory
● 73. 2 Rope Wrap Minimum	(SAT) Satisfactory
● 74. Motor	(SAT) Satisfactory
● 75. Drums/Lagging/Flanges	(SAT) Satisfactory
● 76. Anchor System	(SAT) Satisfactory
● 77. Hoist Spooling	(SAT) Satisfactory
Main Boom	
● 78. Lift Cylinder(s)	(SAT) Satisfactory
● 79. Telescoping Boom Cylinder(s)	(SAT) Satisfactory
● 80. Hydraulic Hoses, Tubes, and Fittings	(SAT) Satisfactory
● 81. Holding Device	(SAT) Satisfactory
● 82. Boom Sections Alignment	(SAT) Satisfactory
● 83. Wear Pads	(SAT) Satisfactory
● 84. Sheaves	(SAT) Satisfactory
● 85. Boom Hinge Pin	(SAT) Satisfactory
● 86. Boom Head Section	(SAT) Satisfactory
● 87. Structure	(SAT) Satisfactory
Jib/Fly Extension	
● 88. Sheaves	(SAT) Satisfactory
● 89. Structure	(SAT) Satisfactory
● 90. Locking Device	(SAT) Satisfactory
● 91. Alignment	(SAT) Satisfactory
● 92. End Connections and Pins	(SAT) Satisfactory
Main Drum Wire Rope	
93. Diameter and wear	
Size	Construction
15 mm	Rotation Resistant
	Number of Parts of Line
	2 Parts
● 94. Rope Damage	(SAT) None Visible at Time of inspection

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● 95. Lubrication		(SAT) Satisfactory
● 96. End Connectors		(SAT) Satisfactory
Auxiliary drum wire rope		
97. Diameter and wear		
Size	Construction	Number of Parts of Line
N/A		
Main Hoist Load Block/Ball & Hook		
98. Capacity & Weight		P100
Capacity	Weight	
16 tons	195 kg	
● 99. Capacity Marking		(SAT) Satisfactory
● 100. Weight Marking		(SAT) Satisfactory
● 101. Sheave(s)		(SAT) Satisfactory
● 102. Safety Latch(es)		(SAT) Satisfactory
● 103. 0° Hook Bend or Twist		(SAT) Satisfactory
● 104. 5% Hook Opening or 1/4" Max		(SAT) Satisfactory
● 105. 10% Hook Wear Max		(SAT) Satisfactory
● 106. Bearing		(SAT) Satisfactory
● 107. Wedge Socket / End Fitting		(SAT) Satisfactory
● 108. Reeving		(SAT) Satisfactory
Verification and Completion		
109. Inspector Name and Signature		Dylan VanHorn
		
110. Additional Inspection Notes		
<i>No visible deficiencies found at the time of inspection</i>		
● 111. Sticker Given		(N) No, Will be Mailed



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