



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: **Matt Hottenstein on 11/26/2024**

Location:	USA
Serial #:	041 352
Unit #:	S389

Manufacturer:	Liebherr
Model:	LTM1050-3.1
Capacity:	50 Tons
Length/Lift:	124.6 FT
Type of Crane:	Truck Crane (1910.180 & 1926.1400)
Number of Hoists:	Main Only
Boom Configuration:	Main Boom with Stowed Jib

Priorities Found: ● **103 - Good**

**Location of Equipment**

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

**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](mailto:jaim@atlanticcrane.com) or [gina@atlanticcrane.com](mailto: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	<b>24112603MH</b>
4. Inspection Date	<b>11/26/2024</b>
● 5. Inspection Type	<b>(Ann) Annual</b>

**Hours and Miles**

6. Hours	
7. Miles	

**Information & Records**

● 8. Documentation of Annual / Comprehensive Inspection	<b>(SAT) Satisfactory</b>
● 9. Monthly Inspection	<b>(SAT) Satisfactory</b>
● 10. Record of Maintenance	<b>(SAT) Satisfactory</b>
● 11. Hand Signal Chart	<b>(SAT) Satisfactory</b>
● 12. Safety and Warning Labels	<b>(SAT) Satisfactory</b>


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● 13. Operator's Manual	(SAT) Satisfactory
<b>Safety Devices / Operational Aids</b>	
● 14. Audible Reverse Signal Alarm	(SAT) Satisfactory
● 15. Audible Warning Device	(SAT) Satisfactory
● 16. Boom Angle Indicator	(SAT) Satisfactory
● 17. Boom Length Indicator	(SAT) Satisfactory
● 18. Drum Rotation Indicator	(SAT) Satisfactory
● 19. Two-Block System	(SAT) Satisfactory
● 20. Load Moment Indicator	(SAT) Satisfactory
● 21. Load Weight Indicator	(SAT) Satisfactory
● 22. Level Indicator	(SAT) Satisfactory
● 23. Fire Extinguisher	(SAT) Satisfactory
<b>Load Chart</b>	
● 24. Load Chart	(SAT) Satisfactory
● 25. Per Configuration	(SAT) Satisfactory
● 26. Visible from Fixed Operator's Station	(SAT) Satisfactory
<b>Carrier</b>	
● 27. Steering	(SAT) Satisfactory
● 28. Parking Brake	(SAT) Satisfactory
● 29. External Lights (Headlights, Taillights, Brake Lights)	(SAT) Satisfactory
● 30. Windshield Wipers	(SAT) Satisfactory
● 31. Windows / Mirrors	(SAT) Satisfactory
● 32. Wheels/Tires	(SAT) Satisfactory
● 33. Engine Performance	(SAT) Satisfactory
● 34. Exhaust System	(SAT) Satisfactory
● 35. Drive Line	(SAT) Satisfactory
● 36. Main Frame Members	(SAT) Satisfactory
● 37. Hydraulic Hoses, Fittings, Tubes	(SAT) Satisfactory
● 38. Hydraulic Fluid Level	(SAT) Satisfactory
● 39. Hoses / Tubing / Fittings .	(SAT) Satisfactory
● 40. Slip Resistant Walking surface	(SAT) Satisfactory
<b>Outriggers</b>	
● 41. Boxes & Beams	(SAT) Satisfactory
● 42. Hydraulic Cylinders	(SAT) Satisfactory
● 43. Pad / Float	(SAT) Satisfactory
● 44. Hoses / Tubing / Fittings	(SAT) Satisfactory
● 45. Holding Valves	(SAT) Satisfactory
● 46. Caution / Warning Signs	(SAT) Satisfactory
<b>Operator's Station</b>	
● 47. Windows/Wipers	(SAT) Satisfactory
● 48. Cab Door Restraint	(SAT) Satisfactory
● 49. Cab Access	(SAT) Satisfactory
● 50. Steps / Ladders / Handrails	(SAT) Satisfactory
● 51. Anti-Skid Stepping Surfaces	(SAT) Satisfactory
● 52. Fire Extinguisher	(SAT) Satisfactory
● 53. Electrocution Warning Sign(s)	(SAT) Satisfactory
● 54. Horn	(SAT) Satisfactory

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● 55. Controls Identified	(SAT) Satisfactory
● 56. Control Functions	(SAT) Satisfactory
● 57. Power Plant Controls	(SAT) Satisfactory
● 58. Operator Cutoff (Deadman) Switch	(SAT) Satisfactory
<b>Rotating Upper Structure</b>	
● 59. Engine Performance	(SAT) Satisfactory
● 60. Exhaust System/Guards & Insulators	(SAT) Satisfactory
● 61. Hoses	(SAT) Satisfactory
● 62. Counterweight Frame	(SAT) Satisfactory
● 63. Ring and Pinion Gear	(SAT) Satisfactory
● 64. Hydraulic and Pneumatic Pumps	(SAT) Satisfactory
● 65. Hydraulic Tubes, Fitting, and Hoses	(SAT) Satisfactory
● 66. Hydraulic Pressure	(SAT) Satisfactory
● 67. Electrical Wiring	(SAT) Satisfactory
● 68. Swing System / Assembly	(SAT) Satisfactory
● 69. Counterweight Mounting	(SAT) Satisfactory
● 70. Counterweight Posted Warnings	(SAT) Satisfactory
● 71. Electrocutation Posted Warnings	(SAT) Satisfactory
● 72. Structure	(SAT) Satisfactory
<b>Hoist System</b>	
● 73. Brakes and Clutch System	(SAT) Satisfactory
● 74. Wire Rope Reeving	(SAT) Satisfactory
● 75. 2 Rope Wrap Minimum	(SAT) Satisfactory
● 76. Motor	(SAT) Satisfactory
● 77. Drums/Lagging/Flanges	(SAT) Satisfactory
● 78. Anchor System	(SAT) Satisfactory
● 79. Hoist Spooling	(SAT) Satisfactory
<b>Main Boom</b>	
● 80. Lift Cylinder(s)	(SAT) Satisfactory
● 81. Telescoping Boom Cylinder(s)	(SAT) Satisfactory
● 82. Hydraulic Hoses, Tubes, and Fittings	(SAT) Satisfactory
● 83. Holding Device	(SAT) Satisfactory
● 84. Boom Sections Alignment	(SAT) Satisfactory
● 85. Wear Pads	(SAT) Satisfactory
● 86. Sheaves	(SAT) Satisfactory
● 87. Boom Hinge Pin	(SAT) Satisfactory
● 88. Boom Head Section	(SAT) Satisfactory
● 89. Auxiliary Boom Head	(SAT) Satisfactory
● 90. Structure	(SAT) Satisfactory
<b>Jib/Fly Extension</b>	
● 91. Sheaves	(SAT) Satisfactory
● 92. Structure	(SAT) Satisfactory
● 93. Locking Device	(SAT) Satisfactory
● 94. Alignment	(SAT) Satisfactory
● 95. End Connections and Pins	(SAT) Satisfactory
<b>Main Drum Wire Rope</b>	

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96. Diameter and wear			
Size	Construction	Number of Parts of Line	
15mm	RR	2	
97. Rope Damage		(SAT) None Visible at Time of inspection	
98. Lubrication		(SAT) Satisfactory	
99. End Connectors		(SAT) Satisfactory	
<b>Main Hoist Load Block/Ball &amp; Hook</b>			
100. Capacity & Weight			P101
Capacity	Weight		
16 m ton	195 kg		
101. Capacity Marking		(SAT) Satisfactory	
102. Weight Marking		(SAT) Satisfactory	
103. Sheave(s)		(SAT) Satisfactory	
104. Safety Latch(es)		(SAT) Satisfactory	
105. 0° Hook Bend or Twist		(SAT) Satisfactory	
106. 5% Hook Opening or 1/4" Max		(SAT) Satisfactory	
107. 10% Hook Wear Max		(SAT) Satisfactory	
108. Bearing		(SAT) Satisfactory	
109. Wedge Socket / End Fitting		(SAT) Satisfactory	
110. Reeving		(SAT) Satisfactory	
<b>Verification and Completion</b>			
111. Inspector Name and Signature			
112. Additional Inspection Notes	<i>No visible deficiencies found at the time of inspection</i>		
113. Sticker Given		(Y) Yes, Given on Site	



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