



Prepared for:

Sautter Crane rental

2900 Black Lake Place Philadelphia, PA 19154

Sautter Yard

on

12/7/2024

Please return the entire report.

Customer Sign Off

-If there are no deficiencies nothing needs to be done

-If there are any (HIGH, RED) deficiencies please follow the instructions below




The deficiencies marked HIGH in RED shall be corrected and this report must be dated, signed and email THIS ENTIRE REPORT to tony.rossi@tandemlift.com or jon.santimaw@tandemlift.com. After the signed document is received, a certification and label will be issued. The 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 performance.

-The undersigned verifies that the deficiencies denoted with (DEF, HIGH, RED) have been corrected.

Signature

Date

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	 High	 Med	 Low	Section
Hydraulic Boom Crane Annual Inspection Report (1910.180 & 1926.1400) - <i>Sautter Yard</i>				
Telescoping Boom Crane: 045 125 - S247	0	0	1	1.0

Overview




Breakdown by Form

Form Type	 High	 Med	 Low	# Forms
Hydraulic Boom Crane Annual Inspection Report (1910.180 & 1926.1400)	0	0	1	1
Overall:	0	0	1	1

Breakdown by Location

Location	 High	 Med	 Low	# Forms
Sautter Yard	0	0	1	1
Overall:	0	0	1	1

Breakdown by Asset

Asset Type	 High	 Med	 Low	# Assets
Telescoping Boom Crane	0	0	1	1
Overall:	0	0	1	1

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Hydraulic Boom Crane Annual Inspection Report (1910.180 & 1926.1400)

Sautter Crane rental
2900 Black Lake Place
Philadelphia, PA 19154

FolderID: 120824S247
FormID: 22515131



Telescoping Boom Crane

Location: Sautter Yard
2900 Black Lake Place
Philadelphia, PA 19154

Serial Number: 045 125

Unit Number: S247

Status: In Service

*Additional Notes: 171 ft boom
2 parts of line*

Manufacturer: Liebherr

Model: LTM 1100-5.2

Capacity: 120 Tons

Length/Lift: 171'

Type of Crane: All Terrain Crane

Number of Hoists: Main and Auxiliary (Not in Use)

Boom Configuration: Main Boom with Stowed Jib

Load Test: No

Priorities Found: ● 1 - Low ● 108 - Good

General

1. Location of Equipment

Sautter Yard

2. Customer Sign Off

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Signature

3. Hours & Mileage

Hours

Mileage

701

6,225

Inspection Information

4. Inspection Number

120724S247

5. Inspection Date

12/07/2024

6. Inspection Type

(Ann) Annual

Information & Records

7. Documentation of Annual/Comprehensive Inspection

(SAT) Satisfactory

8. Daily/Monthly Inspection Records

(SAT) Satisfactory

9. Maintenance Records

(SAT) Satisfactory

10. Hand Signal Chart

(SAT) Satisfactory



11. Safety and Warning Decals

(SAT) Satisfactory

12. Operators Manual

(SAT) Satisfactory


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● 13. Equipment Modification(s) or Additions	(SAT) Satisfactory	
Safety Devices & Operational Aids		
● 14. Backup 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(s)	(SAT) Satisfactory	
● 19. Anti Two-Block Device/System	(SAT) Satisfactory	
● 20. Load Moment Indicator (LMI)	(SAT) Satisfactory	
● 21. Load Weight Indicator	(SAT) Satisfactory	
● 22. Radius Indicator	(SAT) Satisfactory	
● 23. Level Indicator(s)	(SAT) Satisfactory	
● 24. Fire Extinguisher	(SAT) Satisfactory	
Load Chart		
● 25. Visible/Accessible	(SAT) Satisfactory	
● 26. Per Configuration	(SAT) Satisfactory	
● 27. Durable/Legible/Secured	(SAT) Satisfactory	
Carrier		
● 28. Steering	(SAT) Satisfactory	
● 29. Parking Brake	(SAT) Satisfactory	
● 30. Exterior Lights (Headlights, Turn Signals, Brake Lights, Reverse Lights)	(SAT) Satisfactory	
● 31. Windshield & Wipers	(SAT) Satisfactory	
● 32. Windows & Mirrors	(SAT) Satisfactory	
● 33. Wheels & Tires	(MON) Monitor	P33
 <i>Monitor rust on wheels.</i>		
● 34. Engine	(SAT) Satisfactory	
● 35. Exhaust System	(SAT) Satisfactory	
● 36. Axle Lockout	(SAT) Satisfactory	
● 37. Drive Line	(SAT) Satisfactory	
● 38. Main Frame Members	(SAT) Satisfactory	
● 39. Hoses/Fittings/Valves	(SAT) Satisfactory	
● 40. Hydraulic Tank & Fluid Level	(SAT) Satisfactory	
● 41. Slip Resistant Walking Surfaces	(SAT) Satisfactory	
● 42. Steps/Ladders/Handrails	(SAT) Satisfactory	
Outriggers/Stabilizers		
● 43. Structure & Mounting	(SAT) Satisfactory	
● 44. Boxes & Beams	(SAT) Satisfactory	
● 45. Cylinders	(SAT) Satisfactory	
● 46. Pads/Floats	(SAT) Satisfactory	
● 47. Hoses/Fittings/Valves	(SAT) Satisfactory	
Operators Station		
● 48. Windows & Wipers	(SAT) Satisfactory	
● 49. Cab Door Restraint	(SAT) Satisfactory	
● 50. Cab Access	(SAT) Satisfactory	
● 51. Steps/Ladders/Handrails	(SAT) Satisfactory	
● 52. Anti-Skid Stepping Surfaces	(SAT) Satisfactory	
● 53. Fire Extinguisher	(SAT) Satisfactory	

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

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● 96. Locking Devices	(SAT) Satisfactory
● 97. Sheaves	(SAT) Satisfactory
● 98. Wire Rope Retainers	(SAT) Satisfactory
● 99. Alignment	(SAT) Satisfactory
● 100. End Connectors & Pins	(SAT) Satisfactory
Main Drum Wire Rope	
101. Wire Rope Information	
Diameter	Construction/Type
21.59 mm	Non Rotational
Number of Parts	
2	
● 102. Rope Damage	(SAT) Satisfactory
● 103. Lubrication	(SAT) Satisfactory
● 104. End Connectors	(SAT) Satisfactory
Main Hoist Load Block/Headache Ball/Hook	
105. Capacity and Weight	
Capacity	Weight
30 tons	450 kg
● 106. Capacity Marking	(SAT) Satisfactory
● 107. Weight Marking	(SAT) Satisfactory
● 108. Sheave(s)	(SAT) Satisfactory
● 109. Safety Latch(es)	(SAT) Satisfactory
● 110. 0° Hook Bend/Twist	(SAT) Satisfactory
● 111. 5% Hook Opening or 1/4" Max	(SAT) Satisfactory
● 112. 10% Hook Wear Max	(SAT) Satisfactory
● 113. Bearing	(SAT) Satisfactory
● 114. Wedge Socket/End Fitting	(SAT) Satisfactory
● 115. Reeving	(SAT) Satisfactory
2 parts of line	
Auxiliary Drum Wire Rope	
116. Wire Rope Information	
Diameter	Construction/Type
21.67 mm	Non Rotational
Number of Parts	
N/A	
Verification and Completion	
117. Inspector Name & Signature	Anthony Capozzi
	
118. Additional Inspection Notes	
● 119. Sticker Given	(Y) Yes, Given on Site

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P33.1



P33.2