



Prepared for:

Sautter Crane rental

2900 Black Lake Place Philadelphia, PA 19154

654 Berlin Crosskeys Rd

on

11/2/2024

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

Table of Contents




 High  Med  Low Section

Hydraulic Boom Crane Annual Inspection Report (1910.180 & 1926.1400) - 654 Berlin Crosskeys Rd	Telescoping Boom Crane: 043 408 - S361	0	2	0	1.0
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Overview




Breakdown by Form

Form Type	 High	 Med	 Low	# Forms
Hydraulic Boom Crane Annual Inspection Report (1910.180 & 1926.1400)	0	2	0	1
Overall:	0	2	0	1

Breakdown by Location

Location	 High	 Med	 Low	# Forms
654 Berlin Crosskeys Rd	0	2	0	1
Overall:	0	2	0	1

Breakdown by Asset

Asset Type	 High	 Med	 Low	# Assets
Telescoping Boom Crane	0	2	0	1
Overall:	0	2	0	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: 110224S361
 FormID: 22150115



Telescoping Boom Crane

Location: 654 Berlin Crosskeys Rd
Serial Number: 043 408
Unit Number: S361
Status: In Service

Manufacturer: Liebherr
Model: LTM 1110-5.1
Capacity: 125 Ton
Length/Lift: 197'
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: ● 2 - Medium ● 95 - Good

General

- | | |
|--------------------------|-------------------------|
| 1. Location of Equipment | 654 Berlin Crosskeys rd |
| 2. Customer Sign Off | |
| 3. Hours & Mileage | |
| Hours | Mileage |
| 1272 | 15982 |

Inspection Information

- | | |
|----------------------|--------------|
| 4. Inspection Number | 110224S361 |
| 5. Inspection Date | 11/02/2024 |
| ● 6. Inspection Type | (Ann) Annual |

Information & Records

- | | |
|---|--------------------|
| 7. Documentation of Annual/Comprehensive Inspection | |
| 8. Daily/Monthly Inspection Records | |
| 9. Maintenance Records | |
| ● 10. Hand Signal Chart | (SAT) Satisfactory |
| ● 11. Safety and Warning Decals | (SAT) Satisfactory |
| ● 12. Operators Manual | (SAT) Satisfactory |
| 13. Equipment Modification(s) or Additions | |

Safety Devices & Operational Aids

- | | |
|--|----------------------|
| ● 14. Backup Alarm | (SAT) Satisfactory |
| ● 15. Audible Warning Device | (REC) Recommendation |
| ☞ Manual horn used during inspection. Horn on joysticks inoperable | |
| ● 16. Boom Angle Indicator | (SAT) Satisfactory |
| ● 17. Boom Length Indicator | (SAT) Satisfactory |
| ● 18. Drum Rotation Indicator(s) | (SAT) Satisfactory |


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●	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	(SAT) Satisfactory
●	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
●	54. Operator Horn	(REC) Recommendation
■	<i>Manual horn used during inspection. Horn on joysticks inoperable</i>	
●	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	(NA) Not Applicable

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● 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	(NA) Not Applicable
● 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
● 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	
96. Locking Devices	
97. Sheaves	
98. Wire Rope Retainers	
99. Alignment	
100. End Connectors & Pins	
Main Drum Wire Rope	

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101. Wire Rope Information			
Diameter	Construction/Type	Number of Parts	
21 mm	right regular lay	3	
● 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		
32 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
Auxiliary Drum Wire Rope			
116. Wire Rope Information			
Diameter	Construction/Type	Number of Parts	
21 mm	right regular lay	0	
Verification and Completion			
117. Inspector Name & Signature			Chris Volz
			
118. Additional Inspection Notes			
● 119. Sticker Given			(Y) Yes, Given on Site P191



P191.1

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