



Prepared for:

Sautter Crane Rental

2900 Black Lake Place Philadelphia, PA 19154

Alumni Hall

on

11/29/2025

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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(1910.180 & 1926.1400) - *Alumni Hall*

Telescoping Boom Crane: 042 766 -
S423

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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	0	0	1
Overall:	0	0	0	1

Breakdown by Location

Location	High	Med	Low	# Forms
Alumni Hall	0	0	0	1
Overall:	0	0	0	1

Breakdown by Asset

Asset Type	High	Med	Low	# Assets
Telescoping Boom Crane	0	0	0	1
Overall:	0	0	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: 112925S423
FormID: 26772906



Telescoping Boom Crane

Location: Alumni Hall
1000 Locust Street
Philadelphia, PA

Serial Number: 042 766

Unit Number: S423

Additional Notes: 104' main boom
115' luffing jib
2 parts of line
229,000 lbs counterweight

Manufacturer:	Liebherr
Model:	LTM 1450-8.1
Capacity:	550 Tons
Length/Lift:	279'
Type of Crane:	All Terrain Crane
Number of Hoists:	Main and Auxiliary
Boom Configuration:	Main Boom & Luffing Jib Assembled
Load Test:	No

Priorities Found: ● 121 - Good

General

●	1. Location of Equipment	Alumni Hall
●	2. Customer Sign Off	

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Signature

●	3. Hours & Mileage	
	Hours	Mileage
	904	5,483

Inspection Information

●	4. Inspection Number	112925S423
●	5. Inspection Date	11/29/2025
●	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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Safety Devices & Operational Aids

13. Backup Alarm	(SAT) Satisfactory
14. Audible Warning Device	(SAT) Satisfactory
15. Boom Angle Indicator	(SAT) Satisfactory
16. Boom Length Indicator	(SAT) Satisfactory
17. Drum Rotation Indicator(s)	(SAT) Satisfactory
18. Anti Two-Block Device/System	(SAT) Satisfactory
19. Load Moment Indicator (LMI)	(SAT) Satisfactory
20. Load Weight Indicator	(SAT) Satisfactory
21. Radius Indicator	(SAT) Satisfactory
22. Level Indicator(s)	(SAT) Satisfactory
23. Fire Extinguisher	(SAT) Satisfactory

Load Chart

24. Visible/Accessible	(SAT) Satisfactory
25. Per Configuration	(SAT) Satisfactory
26. Durable/Legible/Secured	(SAT) Satisfactory

Carrier

27. Steering	(SAT) Satisfactory
28. Parking Brake	(SAT) Satisfactory
29. Exterior Lights (Headlights, Turn Signals, Brake Lights, Reverse Lights)	(SAT) Satisfactory
30. Windshield & Wipers	(SAT) Satisfactory
31. Windows & Mirrors	(SAT) Satisfactory
32. Wheels & Tires	(SAT) Satisfactory
33. Engine	(SAT) Satisfactory
34. Exhaust System	(SAT) Satisfactory
35. Axle Lockout	(SAT) Satisfactory
36. Drive Line	(SAT) Satisfactory
37. Main Frame Members	(SAT) Satisfactory
38. Hoses/Fittings/Valves	(SAT) Satisfactory
39. Hydraulic Tank & Fluid Level	(SAT) Satisfactory
40. Slip Resistant Walking Surfaces	(SAT) Satisfactory
41. Steps/Ladders/Handrails	(SAT) Satisfactory

Outriggers/Stabilizers

42. Structure & Mounting	(SAT) Satisfactory
43. Boxes & Beams	(SAT) Satisfactory
<input checked="" type="checkbox"/> <i>Crane on half outriggers</i>	P43
44. Cylinders	(SAT) Satisfactory
45. Pads/Floats	(SAT) Satisfactory
46. Hoses/Fittings/Valves	(SAT) Satisfactory

Operators Station

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. Operator Horn	(SAT) Satisfactory

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● 54. Controls Identified	(SAT) Satisfactory
● 55. Control Functions	(SAT) Satisfactory
● 56. Power Plant Controls	(SAT) Satisfactory
● 57. Operator Cutoff Switch (Deadman)	(SAT) Satisfactory
● 58. Brake & Clutch	(NA) Not Applicable
● 59. Travel Controls	(NA) Not Applicable
● 60. Accelerator/Throttle Control	(SAT) Satisfactory
● 61. Hoses/Fittings/Valves	(SAT) Satisfactory
● 62. Housekeeping	(SAT) Satisfactory

Rotating Upper Structure

● 63. Structure	(SAT) Satisfactory
● 64. Engine	(NA) Not Applicable
● 65. Exhaust System/Guards/Insulators	(NA) Not Applicable
● 66. Hoses/Fittings/Valves	(SAT) Satisfactory
● 67. Hydraulic & Pneumatic Pumps	(SAT) Satisfactory
● 68. Hydraulic Pressure	(SAT) Satisfactory
● 69. Electrical Wiring	(SAT) Satisfactory
● 70. Ring & Pinion Gear	(SAT) Satisfactory
● 71. Swing System/Assembly	(SAT) Satisfactory
● 72. Counterweight Frame	(SAT) Satisfactory
● 73. Counterweight Mounting	(SAT) Satisfactory

Hoist System

● 74. Brakes & Clutch System	(SAT) Satisfactory
● 75. Wire Rope Reeling	(SAT) Satisfactory
● 2 parts of line	
● 76. 2 Rope Wrap Minimum	(SAT) Satisfactory
● 77. Hoist Motor	(SAT) Satisfactory
● 78. Hoses/Fittings/Valves	(SAT) Satisfactory
● 79. Drums/Lagging/Flanges	(SAT) Satisfactory
● 80. Anchor System	(SAT) Satisfactory
● 81. Hoist Spooling	(SAT) Satisfactory

Main Boom

● 82. Lift Cylinder(s)	(SAT) Satisfactory
● 83. Telescoping Boom Cylinder(s)	(SAT) Satisfactory
● 84. Hoses/Fittings/Valves	(SAT) Satisfactory
● 85. Holding Device	(SAT) Satisfactory
● 86. Boom Sections Alignment	(SAT) Satisfactory
● 87. Wear Pads	(SAT) Satisfactory
● 88. Sheaves	(SAT) Satisfactory
● 89. Wire Rope Retainers	(SAT) Satisfactory
● 90. Boom Hinge Pin	(SAT) Satisfactory
● 91. Boom Head Section	(SAT) Satisfactory
● 92. Auxiliary Boom Head	(NA) Not Applicable
● 93. Structure	(SAT) Satisfactory

Luffing Boom Attachment

● 94. Luffing Jib Section Identification	(SAT) Satisfactory
● 95. Luffing Jib Section Sequence	(SAT) Satisfactory

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96. Luffing Jib Tip Section	(SAT) Satisfactory
97. Luffing Jib Point Sheaves	(SAT) Satisfactory
98. Luffing Hoist Line Dead End	(SAT) Satisfactory
99. Luffing Jib Warning Decals	(SAT) Satisfactory
100. Luffing Jib Foot Keepers & Pins	(SAT) Satisfactory
101. Lattice Members	(SAT) Satisfactory
102. Cord Members	(SAT) Satisfactory
103. End Connections & Pins	(SAT) Satisfactory
104. Luffing Jib Angle Indicator	(SAT) Satisfactory
105. Luffing Jib Stops	(SAT) Satisfactory
106. Luffing Jib Hoist Reeling	(SAT) Satisfactory
107. Guard Rails & Walking Surfaces	(SAT) Satisfactory

Main Drum Wire Rope

108. Wire Rope Information	
Diameter	Construction/Type
25.64 mm	Non Rot RLL
109. Rope Damage	(SAT) Satisfactory
110. Lubrication	(SAT) Satisfactory
111. End Connectors	(SAT) Satisfactory

Main Hoist Load Block/Headache Ball/Hook

112. Capacity and Weight	
Capacity	Weight
40 tonnes	1400 kg
113. Capacity Marking	(SAT) Satisfactory
114. Weight Marking	(SAT) Satisfactory
115. Sheave(s)	(SAT) Satisfactory
116. Safety Latch(es)	(SAT) Satisfactory
117. 0° Hook Bend/Twist	(SAT) Satisfactory
118. 5% Hook Opening or 1/4" Max	(SAT) Satisfactory
119. 10% Hook Wear Max	(SAT) Satisfactory
120. Bearing	(SAT) Satisfactory
121. Wedge Socket/End Fitting	(SAT) Satisfactory
122. Reeling	(SAT) Satisfactory
 2 parts of line	

Auxiliary Drum Wire Rope

123. Wire Rope Information	
Diameter	Constrcution/Type
25.71 mm	Non Rot RLL
124. Rope Damage	(SAT) Satisfactory
125. Lubrication	(SAT) Satisfactory
126. End Connectors	(SAT) Satisfactory

Verification and Completion

127. Inspector Name & Signature	Anthony Capozzi
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128. Additional Inspection Notes

● 129. Sticker Given

(Y) Yes, Given on Site



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