



Prepared for:

Sautter Crane rental

2900 Black Lake Place Philadelphia, PA 19154

Sautter Yard

on

4/3/2025

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


Table of Contents

 High  Med  Low Section




Hydraulic Boom Crane Annual Inspection Report (1910.180 & 1926.1400) - <i>Sautter Yard</i>	Telescoping Boom Crane: 091 847 - S441	0	0	0	1.0
---	---	---	---	---	------------

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
Sautter Yard	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

Tandem Lift LLC disclaims all warranties, both express and implied, relating to the information, reports, opinions and analysis disclosed to the Customer by Tandem Lift LLC. Tandem Lift LLC shall not be liable for any errors or omissions, or any losses, injury or damages arising from the use of such information, reports, opinions and analysis by the Customer.



Tandem Lift LLC
321 Enlow Place
Pennsville, NJ 08070
833-TANDEM1

Hydraulic Boom Crane Annual Inspection Report (1910.180 & 1926.1400)

Sautter Crane rental
2900 Black Lake Place
Philadelphia, PA 19154

FolderID: 040325S441
FormID: 23985862



Telescoping Boom Crane

Completed by: Jon Santimaw on 04/03/2025

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

Serial Number: 091 847

Unit Number: S441

Manufacturer: Liebherr

Model: LTM 1110-5.2

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: ● 97 - Good

General

1. Location of Equipment	Sautter Yard
2. Customer Sign Off	
3. Hours & Mileage	
Hours	Mileage
6 hours	695 miles

Inspection Information

4. Inspection Number	040325S441
5. Inspection Date	04/03/2025
6. Inspection Type	(Ann) Annual

Information & Records

7. Documentation of Annual/Comprehensive Inspection	(NA) Not Applicable
8. Daily/Monthly Inspection Records	(NA) Not Applicable
9. Maintenance Records	(NA) Not Applicable
10. Hand Signal Chart	(SAT) Satisfactory
11. Safety and Warning Decals	(SAT) Satisfactory
12. Operators Manual	(SAT) Satisfactory
13. Equipment Modification(s) or Additions	(NA) Not Applicable

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


Tandem Lift LLC disclaims all warranties, both express and implied, relating to the information, reports, opinions and analysis disclosed to the Customer by Tandem Lift LLC. Tandem Lift LLC shall not be liable for any errors or omissions, or any losses, injury or damages arising from the use of such information, reports, opinions and analysis by the Customer.

● 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	(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

Tandem Lift LLC disclaims all warranties, both express and implied, relating to the information, reports, opinions and analysis disclosed to the Customer by Tandem Lift LLC. Tandem Lift LLC shall not be liable for any errors or omissions, or any losses, injury or damages arising from the use of such information, reports, opinions and analysis by the Customer.

Rotating Upper Structure			
64.	Structure		(SAT) Satisfactory
65.	Engine		(NA) Not Applicable
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
Main Drum Wire Rope			
101. Wire Rope Information			
	Diameter	Construction/Type	Number of Parts
	19 mm	RR	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 Ton	450 kg	
106.	Capacity Marking		(SAT) Satisfactory
107.	Weight Marking		(SAT) Satisfactory
108.	Sheave(s)		(SAT) Satisfactory

Tandem Lift LLC disclaims all warranties, both express and implied, relating to the information, reports, opinions and analysis disclosed to the Customer by Tandem Lift LLC. Tandem Lift LLC shall not be liable for any errors or omissions, or any losses, injury or damages arising from the use of such information, reports, opinions and analysis by the Customer.

● 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
19 mm	RR
	Number of Parts
	0
Verification and Completion	
117. Inspector Name & Signature	Chris Volz
	
118. Additional Inspection Notes	
● 119. Sticker Given	(Y) Yes, Given on Site