



Prepared for:

Sautter Crane rental

2900 Black Lake Place Philadelphia, PA 19154

3100 Chestnut

on

7/10/2024

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) - 3100 Chestnut	Telescoping Boom Crane: 066 574 - S215	0	1	1	1.0
---	---	---	---	---	------------


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.

Overview

Breakdown by Form

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

Breakdown by Location

Location	 High	 Med	 Low	# Forms
3100 Chestnut	0	1	1	1
Overall:	0	1	1	1

Breakdown by Asset

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



Hydraulic Boom Crane Annual Inspection Report (1910.180 & 1926.1400)

FolderID: 071024S215
 FormID: 20947976

Sautter Crane rental
 2900 Black Lake Place
 Philadelphia, PA 19154



Telescoping Boom Crane

Completed by: Christopher Volz on 07/10/2024

Location: 3100 Chestnut

Serial Number: 066 574

Unit Number: S215

Status: In Service

Manufacturer: Liebherr

Model: LTM 1130-5.1

Capacity: 180 Tons

Length/Lift: 197'

Type of Crane: All Terrain Crane

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

Boom Configuration: Main Boom w/o Attached Jib

Load Test: No

Priorities Found: ● 1 - Medium ● 1 - Low ● 96 - Good

General

1. Location of Equipment	3100 Chestnut
2. Customer Sign Off	
3. Hours & Mileage	
Hours	Mileage
9019	59385

Inspection Information

4. Inspection Number	071024S215
5. Inspection Date	07/10/2024
● 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	(NA) Not Applicable

Safety Devices & Operational Aids

● 14. Backup Alarm	(REC) Recommendation
<input type="checkbox"/> <i>Back up alarm inoperable</i>	
● 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


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.

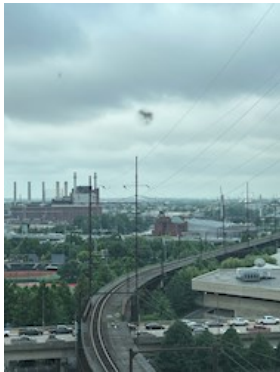
● 19. Anti Two-Block Device/System	(SAT) Satisfactory	
● 20. Load Moment Indicator (LMI)	(SAT) Satisfactory	
● 21. Load Weight Indicator	(SAT) Satisfactory	
● 22. Radius Indicator	(SAT) Satisfactory	
● 23. Level Indicator(s)	(SAT) Satisfactory	
● 24. Fire Extinguisher	(SAT) Satisfactory	
Load Chart		
● 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	(MON) Monitor	P55
■ <i>Slight chip in windshield</i>		
● 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	
■ <i>Swing brake</i>		

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.

● 60. Travel Controls	(NA) Not Applicable
● 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
● 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	
95. Wire Rope Information	
Diameter	Construction/Type
7/8"	right regular
	Number of Parts
	3
● 96. Rope Damage	(SAT) Satisfactory
● 97. Lubrication	(SAT) Satisfactory
● 98. End Connectors	(SAT) Satisfactory
Main Hoist Load Block/Headache Ball/Hook	

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.

99. Capacity and Weight	
Capacity	Weight
30 tons	450 kg
● 100. Capacity Marking	(SAT) Satisfactory
● 101. Weight Marking	(SAT) Satisfactory
● 102. Sheave(s)	(SAT) Satisfactory
● 103. Safety Latch(es)	(SAT) Satisfactory
● 104. 0° Hook Bend/Twist	(SAT) Satisfactory
● 105. 5% Hook Opening or 1/4" Max	(SAT) Satisfactory
● 106. 10% Hook Wear Max	(SAT) Satisfactory
● 107. Bearing	(SAT) Satisfactory
● 108. Wedge Socket/End Fitting	(SAT) Satisfactory
● 109. Reeving	(SAT) Satisfactory
Verification and Completion	
111. Inspector Name & Signature	Chris Volz
	
112. Additional Inspection Notes	
● 113. Sticker Given	(Y) Yes, Given on Site



P55.1