



Prepared for:

Sautter Crane rental

2900 Black Lake Place Philadelphia, PA 19154

2583 State Rd

on

3/9/2024

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 Inspection Report (1910.180 & 1926.1400) - 2583 State Rd	Telescoping Boom Crane: 053750 - S318	0	0	1	1.0
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Overview



Breakdown by Form

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

Breakdown by Location

Location	 High	 Med	 Low	# Forms
2583 State Rd	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 Inspection Report (1910.180 & 1926.1400)

Sautter Crane rental
 2900 Black Lake Place
 Philadelphia, PA 19154

FolderID: 030924S318
 FormID: 19709103



Telescoping Boom Crane

Location: 2583 State Rd
 2583 State Rd
 Bensalem, PA19020

Serial Number: 053750

Unit Number: S318

Manufacturer: Liebherr

Model: LRT 1090-2.1

Capacity: 100 Tons

Length/Lift: 154'

Type of Crane: Rough Terrain Crane

Number of Hoists: Main Only

Boom Configuration: Main Boom w/o Attached Jib

Load Test: No

Priorities Found: ● 1 - Low ● 97 - Good

General

1. Location of Equipment **2583 State rd.**

2. Customer Sign Off

3. Hours & Mileage

Hours	Mileage
0	0

Inspection Information

4. Inspection Number **030924S318**

5. Inspection Date **03/09/2024**

● 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 **(MON) Monitor**

🗨 *Hand signal chart warn*

● 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**

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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. 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
● 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
● 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	(SAT) Satisfactory
● 60. Accelerator/Throttle Control	(SAT) Satisfactory
● 61. Hoses/Fittings//Valves	(SAT) Satisfactory

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● 62. Housekeeping	(SAT) Satisfactory
Rotating Upper Structure	
● 63. Structure	(SAT) Satisfactory
● 64. Hoses/Fittings/Valves	(SAT) Satisfactory
● 65. Hydraulic & Pneumatic Pumps	(SAT) Satisfactory
● 66. Hydraulic Pressure	(SAT) Satisfactory
● 67. Electrical Wiring	(SAT) Satisfactory
● 68. Ring & Pinion Gear	(SAT) Satisfactory
● 69. Swing System/Assembly	(SAT) Satisfactory
● 70. Counterweight Frame	(SAT) Satisfactory
● 71. Counterweight Mounting	(SAT) Satisfactory
Hoist System	
● 72. Brakes & Clutch System	(SAT) Satisfactory
● 73. Wire Rope Reeving	(SAT) Satisfactory
● 74. 2 Rope Wrap Minimum	(SAT) Satisfactory
● 75. Hoist Motor	(SAT) Satisfactory
● 76. Hoses/Fittings/Valves	(SAT) Satisfactory
● 77. Drums/Lagging/Flanges	(SAT) Satisfactory
● 78. Anchor System	(SAT) Satisfactory
● 79. Hoist Spooling	(SAT) Satisfactory
Main Boom	
● 80. Lift Cylinder(s)	(SAT) Satisfactory
● 81. Telescoping Boom Cylinder(s)	(SAT) Satisfactory
● 82. Hoses/Fittings/Valves	(SAT) Satisfactory
● 83. Holding Device	(SAT) Satisfactory
● 84. Boom Sections Alignment	(SAT) Satisfactory
● 85. Wear Pads	(SAT) Satisfactory
● 86. Sheaves	(SAT) Satisfactory
● 87. Wire Rope Retainers	(SAT) Satisfactory
● 88. Boom Hinge Pin	(SAT) Satisfactory
● 89. Boom Head Section	(SAT) Satisfactory
● 90. Auxiliary Boom Head	(SAT) Satisfactory
● 91. Structure	(SAT) Satisfactory
Main Drum Wire Rope	
92. Wire Rope Information	
Diameter	Construction/Type
17mm	2
● 93. Rope Damage	(SAT) Satisfactory
● 94. Lubrication	(SAT) Satisfactory
● 95. End Connectors	(SAT) Satisfactory
Main Hoist Load Block/Headache Ball/Hook	
96. Capacity and Weight	
Capacity	Weight
20t	325 KG
● 97. Capacity Marking	(SAT) Satisfactory
● 98. Weight Marking	(SAT) Satisfactory
● 99. Sheave(s)	(SAT) Satisfactory

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● 100. Safety Latch(es)	(SAT) Satisfactory
● 101. 0° Hook Bend/Twist	(SAT) Satisfactory
● 102. 5% Hook Opening or 1/4" Max	(SAT) Satisfactory
● 103. 10% Hook Wear Max	(SAT) Satisfactory
● 104. Bearing	(SAT) Satisfactory
● 105. Wedge Socket/End Fitting	(SAT) Satisfactory
● 106. Reeving	(SAT) Satisfactory

Verification and Completion

107. Inspector Name & Signature

Jonathan Santimaw



108. Additional Inspection Notes

Well maintained crane

● 109. Sticker Given

(Y) Yes, Given on Site



P52.1



P97.2