



Prepared for:

Sautter Crane rental

2900 Black Lake Place Philadelphia, PA 19154

CoreSite

on

9/11/2024

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

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 High  Med  Low Section

Hydraulic Boom Crane Annual Inspection Report
(1910.180 & 1926.1400) - *CoreSite*

Telescoping Boom Crane: 046 840 -
S344

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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
CoreSite	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)

FolderID: 091124S344
 FormID: 21582361

Sautter Crane rental
 2900 Black Lake Place
 Philadelphia, PA 19154



Telescoping Boom Crane

Location: CoreSite
 2 Emerson Lane
 Secaucus, NJ 07094

Serial Number: 046 840

Unit Number: S344

Status: In Service

*Additional Notes: 92 ft main boom
 92 ft luffing jib
 341,000 lbs counterweight
 4 parts of line*

Manufacturer: Liebherr

Model: LTM 1650-8.1

Capacity: 770 Tons

Length/Lift: 263 ft

Type of Crane: All Terrain Crane

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

Boom Configuration: Main Boom & Luffing Jib Assembled

Load Test: No

Priorities Found: ● 111 - Good

General

1. Location of Equipment **CoreSite**

2. Customer Sign Off

Please return the entire report.

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Signature

3. Hours & Mileage

Hours	Mileage
2,089	9,092

Inspection Information

4. Inspection Number **091124S344**

5. Inspection Date **09/11/2024**

● 6. Inspection Type **(Ann) Annual**

■ *3rd party on site inspection.*

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**

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● 11. Safety and Warning Decals	(SAT) Satisfactory
● 12. Operators Manual	(SAT) Satisfactory
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
● 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

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● 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. Accelerator/Throttle Control	(SAT) Satisfactory
● 59. Hoses/Fittings/Valves	(SAT) Satisfactory
● 60. Housekeeping	(SAT) Satisfactory
Rotating Upper Structure	
● 61. Structure	(SAT) Satisfactory
● 62. Engine	(NA) Not Applicable
● 63. Exhaust System/Guards/Insulators	(NA) Not Applicable
● 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	(NA) Not Applicable
● 91. Structure	(SAT) Satisfactory
Luffing Boom Attachment	
● 92. Luffing Jib Section Identification	(SAT) Satisfactory
● 93. Luffing Jib Section Sequence	(SAT) Satisfactory
● 94. Luffing Jib Tip Section	(SAT) Satisfactory
● 95. Luffing Jib Point Sheaves	(SAT) Satisfactory

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

Main Drum Wire Rope



106. Wire Rope Information

P106

Diameter	Construction/Type	Number of Parts
25.83 mm	Non Rotational	4
● 107. Rope Damage		(SAT) Satisfactory
● 108. Lubrication		(SAT) Satisfactory
● 109. End Connectors		(SAT) Satisfactory

Main Hoist Load Block/Headache Ball/Hook

110. Capacity and Weight

Capacity	Weight
13 m tons	1800 kg
● 111. Capacity Marking	(SAT) Satisfactory
● 112. Weight Marking	(SAT) Satisfactory
● 113. Sheave(s)	(SAT) Satisfactory
● 114. Safety Latch(es)	(SAT) Satisfactory
● 115. 0° Hook Bend/Twist	(SAT) Satisfactory
● 116. 5% Hook Opening or 1/4" Max	(SAT) Satisfactory
● 117. 10% Hook Wear Max	(SAT) Satisfactory
● 118. Bearing	(SAT) Satisfactory
● 119. Wedge Socket/End Fitting	(SAT) Satisfactory
● 120. Reeving	(SAT) Satisfactory

4 parts of line

Auxiliary Drum Wire Rope



121. Wire Rope Information

P121

Diameter	Construction/Type	Number of Parts
25.80 mm	Non Rotational	luffing jib

Verification and Completion

122. Inspector Name & Signature

Anthony Capozzi

123. Additional Inspection Notes

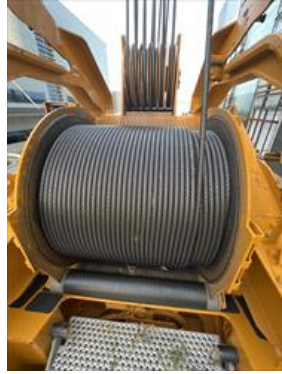
3rd party on site inspection

● 124. Sticker Given (Y) Yes, Given on Site

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P106.1



P121.2