



Prepared for:

Sautter Crane rental

2900 Black Lake Place Philadelphia, PA 19154

37th And Filbert

on

4/20/2024

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 Inspection Report (1910.180 & 1926.1400) - 37th And Filbert	Telescoping Boom Crane: 072 195 - S172	0	0	0	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	0	1
Overall:	0	0	0	1

Breakdown by Location

Location	 High	 Med	 Low	# Forms
37th And Filbert	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 Inspection Report (1910.180 & 1926.1400)

Sautter Crane rental
 2900 Black Lake Place
 Philadelphia, PA 19154

FolderID: 042024S172
 FormID: 20134401



Telescoping Boom Crane

Location: 37th And Filbert

Serial Number: 072 195

Unit Number: S172

Manufacturer: Liebherr

Model: LTM 1400-7.1

Capacity: 500 Tons

Length/Lift: 197'

Type of Crane: Truck Crane

Number of Hoists: Main Only

Boom Configuration: Main Boom & Luffing Jib Assembled

Load Test: No

Priorities Found: ● 112 - Good

General

- | | |
|--------------------------|--------------|
| 1. Location of Equipment | Philadelphia |
| 2. Customer Sign Off | |
| 3. Hours & Mileage | |
| Hours | Mileage |

Inspection Information

- | | |
|----------------------|---------------------------|
| 4. Inspection Number | 042024S172 |
| 5. Inspection Date | 04/20/2024 |
| 6. Inspection Type | (Site) 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 |
| 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 |


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● 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. Accelerator/Throttle Control	(SAT) Satisfactory
● 60. Hoses/Fittings//Valves	(SAT) Satisfactory
● 61. Housekeeping	(SAT) Satisfactory
Rotating Upper Structure	

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● 62. Structure	(SAT) Satisfactory
● 63. Engine	(SAT) Satisfactory
● 64. Exhaust System/Guards/Insulators	(SAT) Satisfactory
● 65. Hoses/Fittings/Valves	(SAT) Satisfactory
● 66. Hydraulic & Pneumatic Pumps	(SAT) Satisfactory
● 67. Hydraulic Pressure	(SAT) Satisfactory
● 68. Electrical Wiring	(SAT) Satisfactory
● 69. Ring & Pinion Gear	(SAT) Satisfactory
● 70. Swing System/Assembly	(SAT) Satisfactory
● 71. Counterweight Frame	(SAT) Satisfactory
● 72. Counterweight Mounting	(SAT) Satisfactory
Hoist System	
● 73. Brakes & Clutch System	(SAT) Satisfactory
● 74. Wire Rope Reeving	(SAT) Satisfactory
● 75. 2 Rope Wrap Minimum	(SAT) Satisfactory
● 76. Hoist Motor	(SAT) Satisfactory
● 77. Hoses/Fittings/Valves	(SAT) Satisfactory
● 78. Drums/Lagging/Flanges	(SAT) Satisfactory
● 79. Anchor System	(SAT) Satisfactory
● 80. Hoist Spooling	(SAT) Satisfactory
Main Boom	
● 81. Lift Cylinder(s)	(SAT) Satisfactory
● 82. Telescoping Boom Cylinder(s)	(SAT) Satisfactory
● 83. Hoses/Fittings/Valves	(SAT) Satisfactory
● 84. Holding Device	(SAT) Satisfactory
● 85. Boom Sections Alignment	(SAT) Satisfactory
● 86. Wear Pads	(SAT) Satisfactory
● 87. Sheaves	(SAT) Satisfactory
● 88. Wire Rope Retainers	(SAT) Satisfactory
● 89. Boom Hinge Pin	(SAT) Satisfactory
● 90. Boom Head Section	(SAT) Satisfactory
● 91. Auxiliary Boom Head	(SAT) Satisfactory
● 92. Structure	(SAT) Satisfactory
Luffing Boom Attachment	
● 93. Luffing Jib Section Identification	(SAT) Satisfactory
● 94. Luffing Jib Section Sequence	(SAT) Satisfactory
● 95. Luffing Jib Tip Section	(SAT) Satisfactory
● 96. Luffing Jib Point Sheaves	(SAT) Satisfactory
● 97. Luffing Hoist Line Dead End	(SAT) Satisfactory
● 98. Luffing Jib Warning Decals	(SAT) Satisfactory
● 99. Luffing Jib Foot Keepers & Pins	(SAT) Satisfactory
● 100. Lattice Members	(SAT) Satisfactory
● 101. Cord Members	(SAT) Satisfactory
● 102. End Connections & Pins	(SAT) Satisfactory
● 103. Luffing Jib Angle Indicator	(SAT) Satisfactory
● 104. Luffing Jib Stops	(SAT) Satisfactory
● 105. Luffing Jib Hoist Reeving	(SAT) Satisfactory

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● 106. Guard Rails & Walking Surfaces			(SAT) Satisfactory
Main Drum Wire Rope			
107. Wire Rope Information			
Diameter	Construction/Type	Number of Parts	
25 mm		1	
● 108. Rope Damage			(SAT) Satisfactory
● 109. Lubrication			(SAT) Satisfactory
● 110. End Connectors			(SAT) Satisfactory
Main Hoist Load Block/Headache Ball/Hook			
111. Capacity and Weight			
Capacity	Weight		
28,000 lbs	1,321 lbs		
● 112. Capacity Marking			(SAT) Satisfactory
● 113. Weight Marking			(SAT) Satisfactory
● 114. Sheave(s)			(NA) Not Applicable
● 115. Safety Latch(es)			(SAT) Satisfactory
● 116. 0° Hook Bend/Twist			(SAT) Satisfactory
● 117. 5% Hook Opening or 1/4" Max			(SAT) Satisfactory
● 118. 10% Hook Wear Max			(SAT) Satisfactory
● 119. Bearing			(SAT) Satisfactory
● 120. Wedge Socket/End Fitting			(SAT) Satisfactory
● 121. Reeving			(NA) Not Applicable
Verification and Completion			
122. Inspector Name & Signature			Jonathan Santimaw
			
123. Additional Inspection Notes			
<i>Configuration - 308k ctw 152' main 276' luff y-guy</i>			
● 124. Sticker Given			(Y) Yes, Given on Site

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