



Prepared for:

Sautter Crane rental

2900 Black Lake Place Philadelphia, PA 19154

Eisenhower Parking Deck

on

6/5/2024

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) - <i>Eisenhower Parking Deck</i> | 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 |
|-------------------------|--|---|---|----------|
| Eisenhower Parking Deck | 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: 060524S172
 FormID: 20601102



Telescoping Boom Crane

Completed by: Steve Edling on 06/05/2024

Location: Eisenhower Parking Deck
 State College, PA 16802

Serial Number: 072 195

Unit Number: S172

| | |
|---------------------|-----------------------------------|
| Manufacturer: | Liebherr |
| Model: | LTM 1400-7.1 |
| Capacity: | 500 Tons |
| Length/Lift: | 84' main 115' luffing jib |
| Type of Crane: | Truck Crane |
| Number of Hoists: | Main Only |
| Boom Configuration: | Main Boom & Luffing Jib Assembled |
| Load Test: | No |

Priorities Found: ● 111 - Good

General

1. Location of Equipment state college

2. Customer Sign Off

3. Hours & Mileage

| | |
|---------------|--------------|
| Hours | Mileage |
| 3259.4 | 67336 |

Upper hours 9214.0

Inspection Information

4. Inspection Number

5. Inspection Date 06/05/2024

● 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 (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

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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) | |
| ■ <i>Right rear outside running light broken</i> | |
| ● 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 |

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| | |
|--|---------------------|
| ● 61. Housekeeping | (SAT) Satisfactory |
| Rotating Upper Structure | |
| ● 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 | (NA) Not Applicable |
| ● 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 | (NA) Not Applicable |
| ● 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 |
| ■ Cable 25mm | |
| ● 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 |

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- 103. Luffing Jib Angle Indicator (SAT) Satisfactory
- 104. Luffing Jib Stops (SAT) Satisfactory
- 105. Luffing Jib Hoist Reeving (SAT) Satisfactory
 - 11 parts of 25mm cable
- 106. Guard Rails & Walking Surfaces (SAT) Satisfactory

Main Drum Wire Rope

107. Wire Rope Information

| Diameter | Construction/Type | Number of Parts |
|----------|-------------------|-----------------|
| 25mm | non rotation | 3 parts |

- 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

P111

| Capacity | Weight |
|----------|---------|
| 100 tons | 1800 kg |

- 112. Capacity Marking (SAT) Satisfactory
- 113. Weight Marking (SAT) Satisfactory
- 114. Sheave(s) (SAT) Satisfactory
- 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 (SAT) Satisfactory

Verification and Completion

122. Inspector Name & Signature

Steven Edling



123. Additional Inspection Notes

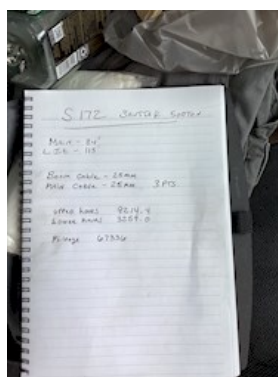
- 124. Sticker Given (N) No, Will be Mailed P124



P46.1



P111.2



P124.3

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