



Prepared for:

Sautter Crane rental

2900 Black Lake Place Philadelphia, PA 19154

415 South Governors Ave. Dover DE

on

2/18/2025

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




| | | | | | |
|--|-----------------------------------|---|---|---|------------|
| Inspection - 415 South Governors Ave. Dover DE | Lattice Boom Crane: 138307 - S228 | 0 | 0 | 0 | 1.0 |
|--|-----------------------------------|---|---|---|------------|

Overview




Breakdown by Form

| Form Type |  High |  Med |  Low | # Forms |
|------------|--|---|---|---------|
| Inspection | 0 | 0 | 0 | 1 |
| Overall: | 0 | 0 | 0 | 1 |

Breakdown by Location

| Location |  High |  Med |  Low | # Forms |
|-----------------------------------|--|---|---|---------|
| 415 South Governors Ave. Dover DE | 0 | 0 | 0 | 1 |
| Overall: | 0 | 0 | 0 | 1 |

Breakdown by Asset

| Asset Type |  High |  Med |  Low | # Assets |
|--------------------|--|---|---|----------|
| Lattice Boom Crane | 0 | 0 | 0 | 1 |
| Overall: | 0 | 0 | 0 | 1 |

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Tandem Lift LLC
321 Enlow Place
Pennsville, NJ 08070
833-TANDEM1

Inspection

Sautter Crane rental
2900 Black Lake Place
Philadelphia, PA 19154

FolderID: 021825S228
FormID: 23444577



Lattice Boom Crane

Location: 415 South Governors Ave.
Dover DE
Serial #: 138307
TagID: S228
Status: In Service

Manufacturer: Liebherr
Model: LR 1300 SX
Capacity: 330 Tons
Length/Lift: 220 Foot
Hook Type: Load Block & Hook
Hook Type 2: Load Block & Hook

Priorities Found: ● **138 - Good**

Miles and Hours

| | |
|----------|----------------------|
| 1. Miles | 0 Miles |
| 2. Hours | 10668.7 Hours |

Historical Records

| | |
|---|----------------------------|
| ● 3. Monthly Inspection | (SAT) Satisfactory |
| ● 4. Documentation of Annual / Comprehensive Inspection | (SAT) Satisfactory |
| ● 5. Equipment Modification(s) or additions | (SAT) Satisfactory |
| ● 6. Record of Maintenance | (SAT) Satisfactory |
| ● 7. Record of Load Test | (NA) Not Applicable |

General

| | | |
|---------------------------------|---------------------------|-----|
| ● 8. Sheet Metal | (SAT) Satisfactory | |
| ● 9. Covers and Guards | (SAT) Satisfactory | |
| ● 10. External Lights | (SAT) Satisfactory | |
| ● 11. Housekeeping | (SAT) Satisfactory | |
| ● 12. Safety and Warning Labels | (SAT) Satisfactory | P12 |
| ● 13. Hand Signal Chart | (SAT) Satisfactory | P13 |

Crawler Assembly

| | |
|--|----------------------------|
| ● 49. Car body/ Side frames | (SAT) Satisfactory |
| ● 50. Chain, idlers and Sprocket | (SAT) Satisfactory |
| ● 51. Track Pads, and Pins | (SAT) Satisfactory |
| ● 52. Travel Steering, Brakes, and Locking Devices | (SAT) Satisfactory |
| ● 53. Steering Clutches | (NA) Not Applicable |



Operator's Station

| | |
|-----------------------------------|---------------------------|
| ● 54. Steps / Ladders / Handrails | (SAT) Satisfactory |
| ● 55. Anti-Skid Stepping Surfaces | (SAT) Satisfactory |
| ● 56. Windows | (SAT) Satisfactory |
| ● 57. Windshield Wipers | (SAT) Satisfactory |

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| | | | |
|--|--|---------------------|-----|
| ● | 58. Cab Door Restraint | (SAT) Satisfactory | |
| ● | 59. Fire Extinguisher | (SAT) Satisfactory | |
| ● | 60. Mirrors | (SAT) Satisfactory | |
| ● | 61. Seat | (SAT) Satisfactory | |
| ● | 62. Seatbelts | (SAT) Satisfactory | |
| ● | 63. Operator's Manual | (SAT) Satisfactory | |
| ● | 64. Decals | (SAT) Satisfactory | |
| ● | 65. Electrocution Warning Sign(inside the cab) | (SAT) Satisfactory | |
| ● | 66. Hand Signal Charts | (SAT) Satisfactory | P66 |
| ● | 67. Swing Brake | (SAT) Satisfactory | |
| ● | 68. Positive Swing lock | (SAT) Satisfactory | |
| ● | 69. Control Function | (SAT) Satisfactory | |
| ● | 70. Air Pressure | (NA) Not Applicable | |
| ● | 71. Performance Indicators (Pressure) | (SAT) Satisfactory | |
| ● | 72. Posted Warnings | (SAT) Satisfactory | |
| ● | 73. Brake and Clutch | (NA) Not Applicable | |
| ● | 74. Accelerator / Throttle | (SAT) Satisfactory | |
| ● | 75. Foot Brakes, Latches, and Linkage | (SAT) Satisfactory | |
| Load Chart | | | |
| ● | 76. Ground Level, Remotely Controlled | (NA) Not Applicable | |
| ● | 77. Per Configuration | (SAT) Satisfactory | |
| ● | 78. Visible from Fixed Operator's Station | (SAT) Satisfactory | |
| ● | 79. Durable / Legible/ Secured | (SAT) Satisfactory | |
| Safety Devices / Operational Aids | | | |
| ● | 80. Horn | (SAT) Satisfactory | |
| ● | 81. Boom Angle Indicator | (SAT) Satisfactory | |
| ● | 82. Main Drum rotation indicator | (SAT) Satisfactory | |
| ● | 83. Auxiliary Drum rotation indicator | (SAT) Satisfactory | |
| ● | 84. Radius Indicator | (SAT) Satisfactory | |
| ● | 85. Crane Level Indicator | (SAT) Satisfactory | |
| ● | 86. Two-Block System | (SAT) Satisfactory | |
| ● | 87. Boom Hoist Limiting Device | (SAT) Satisfactory | |
| ● | 88. Boom Hoist Ratchet and Pawl | (SAT) Satisfactory | |
| ● | 89. Outrigger / Stabilizer Position Sensor | (NA) Not Applicable | |
| ● | 90. Luffing Jib Angle Indicator | (SAT) Satisfactory | |
| Upper Power Plant | | | |
| ● | 91. Performance | (SAT) Satisfactory | |
| ● | 92. Exhaust System/Guards & Insulators | (SAT) Satisfactory | |
| ● | 93. Hoses | (SAT) Satisfactory | |
| ● | 94. Reciprocating and rotating parts | (SAT) Satisfactory | |
| Rotating Upper Structure | | | |
| ● | 95. Turntable / Bearing | (SAT) Satisfactory | |
| ● | 96. Turntable / Rollers | (NA) Not Applicable | |
| ● | 97. Ring and Pinion Gear | (SAT) Satisfactory | |
| ● | 98. Ring and Pinion Gear. | (SAT) Satisfactory | |
| ● | 99. Hydraulic and Pneumatic Pumps | (SAT) Satisfactory | |
| ● | 100. Hydraulic Tubes, Fitting, and Hoses | (SAT) Satisfactory | |


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| | | |
|---|---------------------|---|
| ● 101. Hydraulic Pressure | (SAT) Satisfactory | |
| ● 102. Electrical Wiring | (SAT) Satisfactory | |
| ● 103. Main Hoist - Brakes and Clutch System | (SAT) Satisfactory | |
| ● 104. Main Hoist - Wire Rope Reeving | (SAT) Satisfactory | |
| ● 105. Main Hoist - Meets 2 rope wrap minimum | (SAT) Satisfactory | |
| ● 106. Auxiliary Hoist - Brakes and Clutch System | (SAT) Satisfactory | |
| ● 107. Auxiliary Hoist - Wire Rope Reeving | (SAT) Satisfactory | P107 |
| ● 108. Auxiliary Hoist - Meets 2 rope wrap minimum | (SAT) Satisfactory | |
| ● 109. Boom Hoist - Brakes and Clutch System | (SAT) Satisfactory | |
| ● 110. Boom Hoist - Wire Rope Reeving | (SAT) Satisfactory | P110 |
| ● 111. Boom Hoist - Meets 2 rope wrap minimum | (SAT) Satisfactory | |
| ● 112. Swing System / Assembly | (SAT) Satisfactory | |
| ● 113. Hydraulic and Pneumatic Pumps and Motors | (SAT) Satisfactory | |
| ● 114. Drums and Flanges | (SAT) Satisfactory | |
| ● 115. Clutch and Brake Protection | (NA) Not Applicable | |
| ● 116. Torque Converter | (NA) Not Applicable | |
| ● 117. Slip resistant walking and stepping surfaces | (SAT) Satisfactory | |
| ● 118. Steps, Grab rails, and platforms | (SAT) Satisfactory | |
| ● 119. Access to Cab and Roof | (SAT) Satisfactory | |
| ● 120. Air System | (NA) Not Applicable | |
| ● 121. Counterweight Mounting | (SAT) Satisfactory | |
| ● 122. Counterweight Warnings Signs | (SAT) Satisfactory | P122 |
| ● 123. Electrocutation Warnings Signs | (SAT) Satisfactory | |
| Boom Support System | |  |
| ● 124. Gantry and Mast | (SAT) Satisfactory | P124 |
| ● 125. Boom Stops | (SAT) Satisfactory | |
| ● 126. Inner Bail | (SAT) Satisfactory | P126 |
| ● 127. Outer Bail and Equalizer | (SAT) Satisfactory | |
| ● 128. Sheaves | (SAT) Satisfactory | |
| ● 129. Boom Hoist Wire Rope Reeving | (SAT) Satisfactory | P129 |
| Boom | | |
| ● 130. Boom Section Identification | (SAT) Satisfactory | |
| ● 131. Boom Section Sequence | (SAT) Satisfactory | |
| ● 132. Boom Section Alignment | (SAT) Satisfactory | |
| ● 133. Warning Labels and Decals | (SAT) Satisfactory | |
| ● 134. Spreader Bar | (NA) Not Applicable | |
| ● 135. Sheaves | (SAT) Satisfactory | |
| ● 136. Boom Head Section | (SAT) Satisfactory | |
| ● 137. Auxiliary Boom Head | (NA) Not Applicable | |
| ● 138. Lattice Members | (SAT) Satisfactory | |
| ● 139. Cord Members | (SAT) Satisfactory | |
| ● 140. End Connections/Pins | (SAT) Satisfactory | |
| ● 141. Boom Foot Pins and Keepers | (SAT) Satisfactory | |
| ● 142. Hoist Line Dead End | (NA) Not Applicable | |
| ● 143. Wire Rope Retainers | (NA) Not Applicable | |
| Luffing Boom Attachment | |  |
| ● 150. Luffing Jib Section Identification | (SAT) Satisfactory | |

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| | | |
|--|---------------------|------|
| ● 151. Luffing Jib Section Sequence | (SAT) Satisfactory | |
| ● 152. Luffing Jib Tip Section | (SAT) Satisfactory | P152 |
| ● 153. Luffing jib Warning Decals | (SAT) Satisfactory | |
| ● 154. Luffing Jib Point Sheaves | (SAT) Satisfactory | |
| ● 155. Luffing Hoist Line Dead End | (SAT) Satisfactory | |
| ● 156. Wire Rope Retainers | (SAT) Satisfactory | P156 |
| ● 157. Luffing Jib Foot Keepers and Pins | (SAT) Satisfactory | |
| ● 158. Lattice Members | (SAT) Satisfactory | |
| ● 159. Cord Members | (SAT) Satisfactory | |
| ● 160. End Connections and Pins | (SAT) Satisfactory | |
| ● 161. Luffing Jib Angle Indicator | (SAT) Satisfactory | |
| ● 162. Guard Rails | (SAT) Satisfactory | |
| ● 163. Luffing Jib Stops | (SAT) Satisfactory | |
| ● 164. Walking Surfaces | (SAT) Satisfactory | |
| ● 165. Luffing Jib Hoist Reeving | (SAT) Satisfactory | P165 |
| Wire Rope Main Hoist drum | | |
| ● 183. Rope Damage | (SAT) Satisfactory | |
| 184. Diameter & Wear | | |
| Size: | Diameter & Wear | |
| 28 mm | 28.2 mm | |
| 4 parts over jib | | |
| ● 185. Broken Wires | (SAT) Satisfactory | |
| ● 186. Lubrication | (SAT) Satisfactory | |
| ● 187. End Connectors | (SAT) Satisfactory | |
| ● 188. End Connectors, Pins, Keepers | (SAT) Satisfactory | P188 |
| Wire rope Auxiliary Drum 1 | | |
| ● 189. Rope Damage | (SAT) Satisfactory | |
| 190. Diameter & Wear | | |
| Size | Diameter / wear | |
| 28 mm | 28.2 mm | |
| 2 parts over jib | | |
| ● 191. Broken Wires | (SAT) Satisfactory | |
| ● 192. Lubrication | (SAT) Satisfactory | |
| ● 193. End Connectors | (SAT) Satisfactory | |
| Wire rope Auxiliary Drum 2 | | |
| ● 194. Rope Damage | (SAT) Satisfactory | |
| Luffer hoist | | |
| 195. Diameter & Wear | | |
| Size | Diameter & Wear | |
| 20 mm | 20.3 mm | |
| ● 196. Broken Wires | (SAT) Satisfactory | |
| ● 197. Lubrication | (SAT) Satisfactory | |
| ● 198. End Connectors | (SAT) Satisfactory | |
| Wire rope Auxiliary drum 3 | | |
| ● 199. Rope Damage | (NA) Not Applicable | |
| ● 200. Measured Wear. | (NA) Not Applicable | |

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| | | |
|---|-------------------------|--|
| 201. Diameter & Wear | | |
| Size: | Diameter & Wear | |
| 0 | 0 | |
| ● 202. Broken Wires | (NA) Not Applicable | |
| ● 203. Lubrication | (NA) Not Applicable | |
| ● 204. End Connectors | (NA) Not Applicable | |
| Wire rope Boom Hoist Drum | | |
| ● 205. Rope Damage | (SAT) Satisfactory | |
| 206. Diameter & Wear | | |
| Size: | Diameter & Wear: | |
| 24 mm | 24.3 mm | |
| ● 207. Broken Wires | (SAT) Satisfactory | |
| ● 208. Lubrication | (SAT) Satisfactory | |
| ● 209. End Connectors | (SAT) Satisfactory | |
| Pendants & End connections | | |
| ● 210. Rope Damage. | (NA) Not Applicable | |
| ☞ Metal bars | | |
| 211. Diameter & Wear | | |
| Size: | Diameter & Wear: | |
| 0 | 0 | |
| Load Block & Hook | | |
| ● 212. Capacity Marking | (SAT) Satisfactory | |
| ● 213. Weight Marking | (SAT) Satisfactory | |
| ● 214. Sheave(s) | (SAT) Satisfactory | |
| ● 215. Safety Latch(es) | (SAT) Satisfactory | |
| ● 216. 0° Hook Bend or Twist | (SAT) Satisfactory | |
| ● 217. 5% Hook Opening or 1/4" Max | (SAT) Satisfactory | |
| ● 218. 10% Hook Wear Max | (SAT) Satisfactory | |
| ● 219. Swivel | (SAT) Satisfactory | |
| ● 220. Bearing | (SAT) Satisfactory | |
| ● 221. Wedge Socket / End Fitting | (SAT) Satisfactory | |
| ● 222. Reeving | (SAT) Satisfactory P222 | |
| No-Load Operational Test | | |
| ● 231. No-Load Operational Test | (SAT) Satisfactory | |
| Verification and Completion | | |
| 232. Inspector Name and Signature | Steven Edling | |
|  | | |
| 233. Date of Inspection | 02/18/2025 | |
| 234. Customer Name and Signature | | |
| ● 235. Certificate Issued | (Y) Yes | |

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P12.1



P13.2



P66.3



P107.4



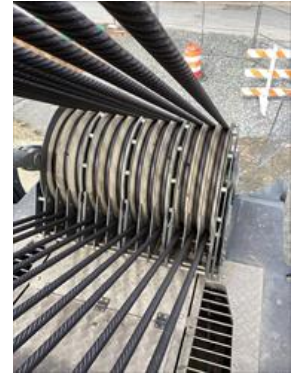
P110.5



P122.6



P124.7



P126.8



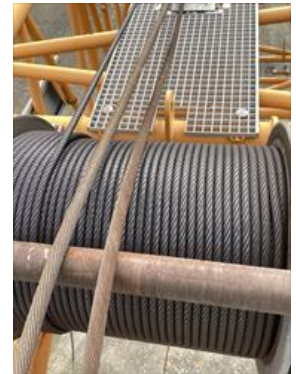
P129.9



P152.10



P156.11



P165.12



P188.13



P222.14

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