



Prepared for:

Sautter Crane rental

2900 Black Lake Place Philadelphia, PA 19154

1133 W Baltimore Pike

on

8/24/2023

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

Inspection - 1133 W Baltimore Pike

Lattice Boom Crane: 138255 - S203

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Overview




Breakdown by Form

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

Breakdown by Location

Location	 High	 Med	 Low	# Forms
1133 W Baltimore Pike	0	1	0	1
Overall:	0	1	0	1

Breakdown by Asset

Asset Type	 High	 Med	 Low	# Assets
Lattice Boom Crane	0	1	0	1
Overall:	0	1	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: 082423S203
 FormID: 17695227



Lattice Boom Crane

Location: 1133 W Baltimore Pike
Serial #: 138255
TagID: S203
Status: In Service

Manufacturer: Liebherr
Model: LR1300
Capacity: 330 Tons
Length/Lift: 95' Main 105' Luff
Hook Type: Load Block & Hook
Hook Type 2: Load Block & Hook

Priorities Found: ● 1 - Medium ● 166 - Good

Miles and Hours

- | | |
|----------|-------------------|
| 1. Miles | |
| 2. Hours | 7869 Hours |

Historical Records

- Monthly Inspection
- Documentation of Annual / Comprehensive Inspection
- Equipment Modification(s) or additions
- Record of Maintenance
- Record of Load Test

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 |
| ● 13. Hand Signal Chart | (SAT) Satisfactory |

Driver's Cab and Station

- Service Brake
- Emergency Brake
- Parking Brake
- External Lights (Headlights, Taillights, Brake Lights)
- Audible Warning Device
- Audible Reverse Signal Alarm
- Windows / Mirrors
- Windshield Wipers
- Windshield Defroster

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23. Housekeeping	
24. Seatbelts	
25. Tires	
26. Operating Controls and Drive Mechanisms	
27. Steering	
28. Seat	
29. Fire Extinguisher	
Lower Carrier Power Plant	
30. Engine Performance	
31. Exhaust System	
32. Belts	
33. Rotating and Reciprocating Parts	
Carrier	
34. Transmission	
35. Drive Line	
36. Tires	
37. Main Frame Members	
38. Hydraulic Hoses, Fittings, Tubes	
39. Hydraulic Fluid level	
40. Slip Resistant Walking surface	
41. Front Bumper Counterweight	
Outriggers	
● 42. Boxes & Beams	(SAT) Satisfactory
● 43. Hydraulic Cylinders	(SAT) Satisfactory
● 44. Pads / Floats	(SAT) Satisfactory
● 45. Hoses / Tubing / Fittings	(SAT) Satisfactory
● 46. Holding Valves	(SAT) Satisfactory
● 47. Caution / Warning Signs	(SAT) Satisfactory
● 48. Pins and Locking devices	(SAT) Satisfactory
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	(SAT) Satisfactory
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
● 58. Cab Door Restraint	(SAT) Satisfactory
● 59. Fire Extinguisher	(SAT) Satisfactory
● 60. Mirrors	(SAT) Satisfactory
● 61. Seat	(SAT) Satisfactory
● 62. Seatbelts	(NA) Not Applicable
● 63. Operator's Manual	(SAT) Satisfactory
● 64. Decals	(SAT) Satisfactory

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●	65. Electrocutation Warning Sign(inside the cab)	(SAT) Satisfactory
●	66. Hand Signal Charts	(REC) Recommendation
■	<i>Both faded</i>	P66
●	67. Swing Brake	(SAT) Satisfactory
●	68. Positive Swing lock	(SAT) Satisfactory
●	69. Control Function	(SAT) Satisfactory
●	70. Air Pressure	(SAT) Satisfactory
●	71. Performance Indicators (Pressure)	(SAT) Satisfactory
●	72. Posted Warnings	(SAT) Satisfactory
●	73. Brake and Clutch	(SAT) Satisfactory
●	74. Accelerator / Throttle	(SAT) Satisfactory
●	75. Foot Brakes, Latches, and Linkage	(SAT) Satisfactory
Load Chart		
●	76. Ground Level, Remotely Controlled	(SAT) Satisfactory
●	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	(SAT) Satisfactory
●	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
●	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























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● 107. Auxiliary Hoist - Wire Rope Reeving	(SAT) Satisfactory
● 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
● 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	(SAT) Satisfactory
● 116. Torque Converter	(SAT) Satisfactory
● 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	(SAT) Satisfactory
● 121. Counterweight Mounting	(SAT) Satisfactory
● 122. Counterweight Warnings Signs	(SAT) Satisfactory
● 123. Electrocution Warnings Signs	(SAT) Satisfactory
Boom Support System	
● 124. Gantry and Mast	(SAT) Satisfactory
● 125. Boom Stops	(SAT) Satisfactory
● 126. Inner Bail	(SAT) Satisfactory
● 127. Outer Bail and Equalizer	(SAT) Satisfactory
● 128. Sheaves	(SAT) Satisfactory
● 129. Boom Hoist Wire Rope Reeving	(SAT) Satisfactory
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	(SAT) Satisfactory
● 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	(SAT) Satisfactory
● 143. Wire Rope Retainers	(SAT) Satisfactory
Jib	
144. Sheaves	
145. Wire Rope Retainers	
146. Lattice Members	
147. Cord Members	
148. End Connections and Pins	
149. Jib Stops	
Luffing Boom Attachment	


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● 150. Luffing Jib Section Identification	(SAT) Satisfactory
● 151. Luffing Jib Section Sequence	(SAT) Satisfactory
● 152. Luffing Jib Tip Section	(SAT) Satisfactory
● 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
● 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
Mast and Maxer / Super lift packages	
● 166. Mast Boom Section Identification	(SAT) Satisfactory
● 167. Mast Boom Section Sequence	(SAT) Satisfactory
● 168. Mast Tip Section	(SAT) Satisfactory
● 169. Mast Warning Decals	(SAT) Satisfactory
● 170. Mast Point Sheaves	(SAT) Satisfactory
● 171. Mast Hoist Line Dead End	(SAT) Satisfactory
● 172. Wire Rope Retainers .	(SAT) Satisfactory
● 173. Mast Foot Keepers and Pins	(SAT) Satisfactory
● 174. Lattice Members.	(SAT) Satisfactory
● 175. Cord Members.	(SAT) Satisfactory
● 176. End Connections and Pins.	(SAT) Satisfactory
● 177. Guard Rails.	(SAT) Satisfactory
● 178. Walking Surfaces.	(SAT) Satisfactory
● 179. Mast Hoist Reeving.	(SAT) Satisfactory
Maxer/ Ringer / SuperLift Attachments	
● 180. Mast Pendants Connection Components	(SAT) Satisfactory
181. Counterweight Mounting.	
182. Counterweight Warnings Signs.	
Wire Rope Main Hoist drum	
● 183. Rope Damage	(SAT) Satisfactory
184. Diameter & Wear	
Size:	Diameter & Wear
28mm	28.3mm
■ 4 parts of line	
● 185. Broken Wires	(SAT) Satisfactory
● 186. Lubrication	(SAT) Satisfactory
● 187. End Connectors	(SAT) Satisfactory
● 188. End Connectors, Pins, Keepers	(SAT) Satisfactory
Wire rope Auxiliary Drum 1	
● 189. Rope Damage	(SAT) Satisfactory

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190. Diameter & Wear		
Size	Diameter / wear	
28mm	28.4 mm	
	<i>2 parts of line</i>	
	191. Broken Wires	(SAT) Satisfactory
	192. Lubrication	(SAT) Satisfactory
	193. End Connectors	(SAT) Satisfactory
Wire rope Auxiliary Drum 2		
	194. Rope Damage	(SAT) Satisfactory
195. Diameter & Wear		
Size	Diameter & Wear	
20mm	20.2mm	
	<i>Luffer Drum</i>	
	196. Broken Wires	(SAT) Satisfactory
	197. Lubrication	(SAT) Satisfactory
	198. End Connectors	(SAT) Satisfactory
Wire rope Auxiliary drum 3		
199. Rope Damage		
200. Measured Wear.		
201. Diameter & Wear		
Size:	Diameter & Wear	
202. Broken Wires		
203. Lubrication		
204. End Connectors		
Wire rope Boom Hoist Drum		
	205. Rope Damage	(SAT) Satisfactory
206. Diameter & Wear		
Size:	Diameter & Wear:	
24mm	24.5mm	
	207. Broken Wires	(SAT) Satisfactory
	208. Lubrication	(SAT) Satisfactory
	209. End Connectors	(SAT) Satisfactory
Pendants & End connections		
	210. Rope Damage.	(SAT) Satisfactory
211. Diameter & Wear		
Size:	Diameter & Wear	
	<i>Steel straps</i>	
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

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● 219. Swivel	(SAT) Satisfactory
● 220. Bearing	(SAT) Satisfactory
● 221. Wedge Socket / End Fitting	(SAT) Satisfactory
● 222. Reeving	(SAT) Satisfactory
Overhaul Ball & Hook	
223. Capacity Marking	
224. Weight Marking	
225. Safety Latches	
226. 0° Hook Bend or Twist	
227. 5% Hook Opening or 1/4" Max	
228. 10% Hook Wear Max	
229. Swivel / Bearing	
230. Wedge Socket / End Fitting	
No-Load Operational Test	
● 231. No-Load Operational Test	(SAT) Satisfactory
Verification and Completion	
232. Inspector Name and Signature	Chris Volz
	
233. Date of Inspection	08/24/2023
234. Customer Name and Signature	
● 235. Certificate Issued	(Y) Yes



P66.1