



Prepared for:

Sautter Crane rental

2900 Black Lake Place Philadelphia, PA 19154

1501 Moran Road Sterling VA.

on

11/4/2025

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 - 1501 Moran Road Sterling VA.	Lattice Boom Crane: 138512 - S311	0	0	0	1.0
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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
1501 Moran Road Sterling VA.	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: 110425S311
FormID: 26475979



Lattice Boom Crane

Completed by: Steve Edling on 11/04/2025

Location: 1501 Moran Road Sterling VA.
Serial #: 138512
TagID: S311
Status: In Service

Manufacturer: Liebherr
Model: LR1300.1 SX
Capacity: 330 Tons
Length/Lift: 230'
Hook Type: Load Block & Hook
Hook Type 2: Load Block & Hook

Priorities Found: ● 144 - Good

Miles and Hours

1. Miles	0 Miles
2. Hours	4935.32 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	(NA) Not Applicable	
● 11. Housekeeping	(SAT) Satisfactory	
● 12. Safety and Warning Labels	(SAT) Satisfactory	
● 13. Hand Signal Chart	(SAT) Satisfactory	P13

Crawler Assembly

● 49. Car body/ Side frames	(SAT) Satisfactory	P49
● 50. Chain, idlers and Sprocket	(SAT) Satisfactory	P50
● 51. Track Pads, and Pins	(SAT) Satisfactory	P51
● 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



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●	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	(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
●	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



P95


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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	
● 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	(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	P121
● 122. Counterweight Warnings Signs	(SAT) Satisfactory	P122
● 123. Electrocuting Warnings Signs	(SAT) Satisfactory	P123
Boom Support System		
● 124. Gantry and Mast	(SAT) Satisfactory	
● 125. Boom Stops	(SAT) Satisfactory	
● 126. Inner Bail	(SAT) Satisfactory	P126
● 127. Outer Bail and Equalizer	(SAT) Satisfactory	P127
● 128. Sheaves	(SAT) Satisfactory	
● 129. Boom Hoist Wire Rope Reeving	(SAT) Satisfactory	
Boom		
● 130. Boom Section Identification	(SAT) Satisfactory	P130
● 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	(SAT) Satisfactory	
● 143. Wire Rope Retainers	(SAT) Satisfactory	
Luffing Boom Attachment		
● 150. Luffing Jib Section Identification	(SAT) Satisfactory	
● 151. Luffing Jib Section Sequence	(SAT) Satisfactory	

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● 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
Wire Rope Main Hoist drum	
● 183. Rope Damage	(SAT) Satisfactory
🗨 4 parts	
184. Diameter & Wear	
Size:	Diameter & Wear
28 mm	28.4 mm
● 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
🗨 2 parts	
190. Diameter & Wear	
Size	Diameter / wear
28 mm	28.4 mm
● 191. Broken Wires	(SAT) Satisfactory
● 192. Lubrication	(SAT) Satisfactory
● 193. End Connectors	(SAT) Satisfactory
Wire rope Auxiliary Drum 2	
● 194. Rope Damage	(NA) Not Applicable
195. Diameter & Wear	
Size	Diameter & Wear
0	0
● 196. Broken Wires	(NA) Not Applicable
● 197. Lubrication	(NA) Not Applicable
● 198. End Connectors	(NA) Not Applicable
Wire rope Auxiliary drum 3	
● 199. Rope Damage	(NA) Not Applicable
● 200. Measured Wear.	(NA) Not Applicable
201. Diameter & Wear	
Size:	Diameter & Wear
0	0
● 202. Broken Wires	(NA) Not Applicable

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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.	(SAT) Satisfactory
<div> <div></div> Metal bars </div>	
211. Diameter & Wear	
Size:	Diameter & Wear
0	0
Load Block & Hook	
212. Capacity Marking	(SAT) Satisfactory
<div> <div></div> 4 parts </div>	
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
Overhaul Ball & Hook	
223. Capacity Marking	(SAT) Satisfactory
<div> <div></div> Block 2 parts </div>	
224. Weight Marking	(SAT) Satisfactory
225. Safety Latches	(SAT) Satisfactory
226. 0° Hook Bend or Twist	(SAT) Satisfactory
227. 5% Hook Opening or 1/4" Max	(SAT) Satisfactory
228. 10% Hook Wear Max	(SAT) Satisfactory
229. Swivel / Bearing	(SAT) Satisfactory
230. Wedge Socket / End Fitting	(SAT) Satisfactory
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	11/04/2025

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234. Customer Name and Signature

235. Certificate Issued

(Y) Yes P235



P13.1



P49.2



P50.3



P51.4



P95.5



P121.6



P122.7



P123.8



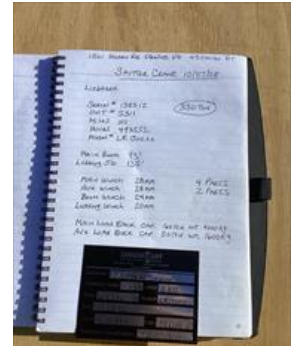
P126.9



P127.10



P130.11



P235.12

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