



Prepared for:

Sautter Crane Rental

2900 Black Lake Place Philadelphia, PA 19154

185 Innovation Blvd Wilmington DE.

on

9/8/2026

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 - 185 Innovation Blvd Wilmington DE.	Lattice Boom Crane: 074453 - S310	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
185 Innovation Blvd Wilmington 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: 090826S310
FormID: 30714328



Lattice Boom Crane

Completed by: Steve Edling on 09/08/2026

Location: 185 Innovation Blvd
Wilmington DE.

Serial #: 074453

TagID: S310

Status: In Service

Manufacturer: Liebherr

Model: LR 1500

Capacity: 550 Tons

Length/Lift: 197' Main

Hook Type: Load Block & Hook

Hook Type 2: Load Block & Hook

Priorities Found: ● 126 - Good

Miles and Hours

1. Miles	0 Miles
2. Hours	5792.7 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	(NA) Not Applicable	
● 51. Track Pads, and Pins	(SAT) Satisfactory	P51
● 52. Travel Steering, Brakes, and Locking Devices	(NA) Not Applicable	
● 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	P57
●	58. Cab Door Restraint	(SAT) Satisfactory	
●	59. Fire Extinguisher	(SAT) Satisfactory	P59
●	60. Mirrors	(SAT) Satisfactory	
●	61. Seat	(SAT) Satisfactory	
●	62. Seatbelts	(SAT) Satisfactory	
●	63. Operator's Manual	(SAT) Satisfactory	
●	64. Decals	(SAT) Satisfactory	P64
●	65. Electrocution Warning Sign(inside the cab)	(SAT) Satisfactory	P65
●	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	P75
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	P81
●	82. Main Drum rotation indicator	(SAT) Satisfactory	
●	83. Auxiliary Drum rotation indicator	(SAT) Satisfactory	
●	84. Radius Indicator	(SAT) Satisfactory	P84
●	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	(NA) Not Applicable	
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	
● 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	P114
● 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	
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	P129
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	P133
● 134. Spreader Bar	(NA) Not Applicable	
● 135. Sheaves	(SAT) Satisfactory	
● 136. Boom Head Section	(SAT) Satisfactory	P136
● 137. Auxiliary Boom Head	(SAT) Satisfactory	P137
● 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	
Wire Rope Main Hoist drum		
● 183. Rope Damage	(SAT) Satisfactory	
 4 parts		

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184. Diameter & Wear		
Size:	Diameter & Wear	
28 mm	28.6 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	
26 mm	26.6 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
● 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:	
25 mm	25.5 mm	
● 207. Broken Wires		(SAT) Satisfactory
● 208. Lubrication		(SAT) Satisfactory
● 209. End Connectors		(SAT) Satisfactory
Pendants & End connections		
● 210. Rope Damage.		(NA) Not Applicable
211. Diameter & Wear		
Size:	Diameter & Wear	
0	0	
■ Metal bars		

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Load Block & Hook		
212. Capacity Marking	(SAT) Satisfactory	P212
213. Weight Marking	(SAT) Satisfactory	
214. Sheave(s)	(SAT) Satisfactory	P214
215. Safety Latch(es)	(SAT) Satisfactory	P215
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	P223
224. Weight Marking	(SAT) Satisfactory	P224
225. Safety Latches	(SAT) Satisfactory	P225
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	09/08/2026	
234. Customer Name and Signature		
235. Certificate Issued	(Y) Yes	P235



P12.1



P13.2



P51.3



P57.4

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P59.5



P64.6



P65.7



P75.8



P81.9



P84.10



P110.11



P114.12



P121.13



P122.14



P126.15



P127.16



P129.17



P130.18



P133.19



P136.20

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P137.21



P212.22



P214.23



P215.24



P223.25



P224.26



P225.27



P235.28