



Prepared for:

Sautter Crane rental

2900 Black Lake Place Philadelphia, PA 19154

1800 E. Park Ave. State College Pa.

on

3/23/2025

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




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 High  Med  Low Section




Inspection - 1800 E. Park Ave. State College Pa.	Lattice Boom Crane: 138390 - S259	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
1800 E. Park Ave. State College Pa.	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: 032125S259
FormID: 23829524



Lattice Boom Crane

Completed by: Steve Edling on 03/21/2025

Location: 1800 E. Park Ave. State College Pa.
Serial #: 138390
TagID: S259
Status: In Service

Manufacturer: Liebherr
Model: LR 1300 SX
Capacity: 330 Tons
Length/Lift: 184' Main Boom
Hook Type: Load Block & Hook
Hook Type 2: Load Block & Hook

Priorities Found: ● 125 - Good

Miles and Hours

1. Miles	N/A Miles
2. Hours	8184.1 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	
● 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
● 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	
●	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	P64
●	65. Electrocutation 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	
■	<i>Activates at 86.4 degrees.</i>		
●	88. Boom Hoist Ratchet and Pawl	(NA) Not Applicable	
●	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	(SAT) Satisfactory	
●	97. Ring and Pinion Gear	(SAT) Satisfactory	
●	98. Ring and Pinion Gear.	(SAT) Satisfactory	
●	99. Hydraulic and Pneumatic Pumps	(SAT) Satisfactory	

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● 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	(NA) Not Applicable	
● 104. Main Hoist - Wire Rope Reeving	(SAT) Satisfactory	P104
● 105. Main Hoist - Meets 2 rope wrap minimum	(SAT) Satisfactory	
● 106. Auxiliary Hoist - Brakes and Clutch System	(NA) Not Applicable	
● 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	(NA) Not Applicable	
● 110. Boom Hoist - Wire Rope Reeving	(SAT) Satisfactory	P110
● 111. Boom Hoist - Meets 2 rope wrap minimum	(SAT) Satisfactory	P111
● 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	P127
● 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	P135
● 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	

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184. Diameter & Wear		
Size:	Diameter & Wear	
28 mm	28.3 mm	
 Main drum has 4 parts		
● 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
190. Diameter & Wear		
Size	Diameter / wear	
28 mm	28.3 mm	
 Aux drum has 2 parts		
● 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:	
24 mm	24.4 mm	
● 207. Broken Wires		(SAT) Satisfactory
● 208. Lubrication		(SAT) Satisfactory
● 209. End Connectors		(SAT) Satisfactory
Pendants & End connections		
● 210. Rope Damage.		(SAT) Satisfactory
 Metal pendant 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
Overhaul Ball & Hook	
● 223. Capacity Marking	(SAT) Satisfactory
● 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	03/21/2025
234. Customer Name and Signature	
● 235. Certificate Issued	(Y) Yes P235



P13.1



P64.2



P66.3



P104.4

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P110.5



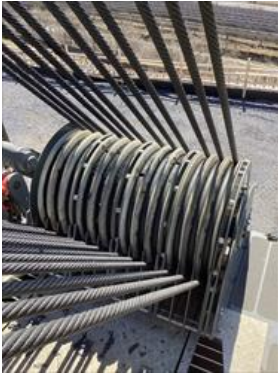
P111.6



P122.7



P124.8



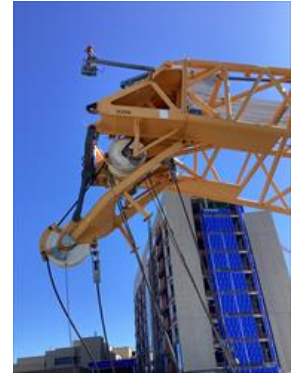
P126.9



P127.10



P135.11



P136.12



P137.13



P235.14