



Prepared for:

Sautter Crane Rental

2900 Black Lake Place Philadelphia, PA 19154

30 Bergen Street Newark N.J.

on

7/28/2026

Please return the entire report.

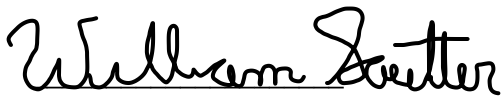
Customer Sign Off

-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

7/28/26

Date

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 High  Med  Low Section

Inspection - 30 Bergen Street Newark N.J.	Lattice Boom Crane: 134362 - S433	4	0	0	1.0
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Overview

Breakdown by Form

Form Type	 High	 Med	 Low	# Forms
Inspection	4	0	0	1
Overall:	4	0	0	1

Breakdown by Location

Location	 High	 Med	 Low	# Forms
30 Bergen Street Newark N.J.	4	0	0	1
Overall:	4	0	0	1

Breakdown by Asset

Asset Type	 High	 Med	 Low	# Assets
Lattice Boom Crane	4	0	0	1
Overall:	4	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: 072726S433
FormID: 30130448



Lattice Boom Crane

Location: 30 Bergen Street Newark N.J.
Serial #: 134362
TagID: S433
Status: In Service

Manufacturer: Liebherr
Model: LR 1160.1
Capacity: 200 Tons
Length/Lift: 132'Main. 181' Luffing Jib
Hook Type: Overhaul Ball & Hook
Hook Type 2: None

Priorities Found: ● 4 - High ● 120 - Good

Miles and Hours

1. Miles	0 Miles
2. Hours	1591.51 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	P50
● 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	
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	(NA) Not Applicable	
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	(NA) Not Applicable	
84.	Radius Indicator	(SAT) Satisfactory	
85.	Crane Level Indicator	(SAT) Satisfactory	
86.	Two-Block System	(DEF) Deficiency	
	Unable to check A2B because of sesor problem		
87.	Boom Hoist Limiting Device	(SAT) Satisfactory	
88.	Boom Hoist Ratchet and Pawl	(NA) Not Applicable	
89.	Outrigger / Stabilizer Position Sensor	(NA) Not Applicable	
90.	Luffing Jib Angle Indicator		
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	

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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	
● 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	(NA) Not Applicable	
● 108. Auxiliary Hoist - Meets 2 rope wrap minimum	(NA) Not Applicable	
● 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	P130
● 131. Boom Section Sequence	(SAT) Satisfactory	
● 132. Boom Section Alignment	(SAT) Satisfactory	P132
● 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	(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	

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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	P154
● 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	(DEF) Deficiency	
● 164.	Walking Surfaces	(SAT) Satisfactory	
● 165.	Luffing Jib Hoist Reeving	(SAT) Satisfactory	
Wire Rope Main Hoist drum			
● 183.	Rope Damage	(SAT) Satisfactory	
	1 part		
184.	Diameter & Wear		
	Size:	Diameter & Wear	
	26 mm	27.37 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	
	Luffing jib winch		
190.	Diameter & Wear		
	Size	Diameter / wear	
	20 mm	20.7 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	

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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	25.02 mm
207. Broken Wires	(SAT) Satisfactory
208. Lubrication	(SAT) Satisfactory
209. End Connectors	(SAT) Satisfactory
Pendants & End connections	
210. Rope Damage.	(DEF) Deficiency
The luffing jib sag support lines closest to the tip are too long and not supporting any weight and need to be replaced.	
211. Diameter & Wear	
Size:	Diameter & Wear
0	0
Metal bars.	
Overhaul Ball & Hook	
223. Capacity Marking	(SAT) Satisfactory P223
224. Weight Marking	(SAT) Satisfactory P224
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	07/27/2026
234. Customer Name and Signature	
235. Certificate Issued	(N) No



P12.1



P13.2



P50.3



P66.4



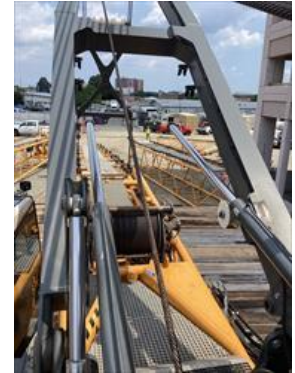
P110.5



P111.6



P122.7



P124.8



P126.9



P127.10



P130.11



P132.12



P133.13



P136.14



P152.15



P154.16

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P223.17



P224.18