



Prepared for:

Sautter Crane rental

2900 Black Lake Place Philadelphia, PA 19154

200 Solar Drive

on

9/29/2025

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 - 200 Solar Drive	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
200 Solar Drive	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: 092925S310
FormID: 26020703



Lattice Boom Crane

Location: 200 Solar Drive
220 Solar Drive
Fairless Hills, PA 19039

Serial #: 074453

TagID: S310

Status: In Service

*Additional Notes: 98 ft. Main Boom
98 ft. Luffing Jib
418,900 lbs. counterweight
121,200 lbs. car body weights*

Manufacturer: Liebherr

Model: LR 1500

Capacity: 550 Tons

Length/Lift: 98 Foot Main - 98 Foot Luffing Jib

Hook Type: Load Block & Hook

Hook Type 2: None

Priorities Found: ● **152 - Good**

Miles and Hours

● 1. Miles	N/A Miles
● 2. Hours	4847 Hours

Historical Records

● 3. Monthly Inspection	(SAT) Satisfactory
● 4. Documentation of Annual / Comprehensive Inspection	(SAT) Satisfactory
● 5. Record of Maintenance	(SAT) Satisfactory

General

● 6. Sheet Metal	(SAT) Satisfactory
● 7. Covers and Guards	(SAT) Satisfactory
● 8. External Lights	(SAT) Satisfactory
● 9. Housekeeping	(SAT) Satisfactory
⚠ <i>Automatic greaser not working</i>	
● 10. Safety and Warning Labels	(SAT) Satisfactory
● 11. Hand Signal Chart	(SAT) Satisfactory

Crawler Assembly

● 12. Car body/ Side frames	(SAT) Satisfactory
● 13. Chain, idlers and Sprocket	(SAT) Satisfactory
● 14. Track Pads, and Pins	(SAT) Satisfactory
● 15. Travel Steering, Brakes, and Locking Devices	(SAT) Satisfactory
● 16. Steering Clutches	(NA) Not Applicable

Operator's Station

● 17. Steps / Ladders / Handrails	(SAT) Satisfactory
● 18. Anti-Skid Stepping Surfaces	(SAT) Satisfactory


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●	19. Windows	(SAT) Satisfactory
●	20. Windshield Wipers	(SAT) Satisfactory
●	21. Cab Door Restraint	(SAT) Satisfactory
●	22. Fire Extinguisher	(SAT) Satisfactory
●	23. Mirrors	(NA) Not Applicable
●	24. Seat	(SAT) Satisfactory
●	25. Seatbelts	(NA) Not Applicable
●	26. Operator's Manual	(SAT) Satisfactory
●	27. Decals	(SAT) Satisfactory
●	28. Electrocution Warning Sign(inside the cab)	(SAT) Satisfactory
●	29. Hand Signal Charts	(SAT) Satisfactory
●	30. Swing Brake	(SAT) Satisfactory
●	31. Positive Swing lock	(SAT) Satisfactory
●	32. Control Function	(SAT) Satisfactory
●	33. Air Pressure	(NA) Not Applicable
●	34. Performance Indicators (Pressure)	(SAT) Satisfactory
●	35. Posted Warnings	(SAT) Satisfactory
●	36. Brake and Clutch	(NA) Not Applicable
●	37. Accelerator / Throttle	(SAT) Satisfactory
●	38. Foot Brakes, Latches, and Linkage	(NA) Not Applicable
Load Chart		
●	39. Ground Level, Remotely Controlled	(SAT) Satisfactory
●	40. Per Configuration	(SAT) Satisfactory
●	41. Visible from Fixed Operator's Station	(SAT) Satisfactory
●	42. Durable / Legible/ Secured	(SAT) Satisfactory
Safety Devices / Operational Aids		
●	43. Horn	(SAT) Satisfactory
■	<i>Horn not hooked up at time of inspection. Should be hooked up before using crane.</i>	
●	44. Boom Angle Indicator	(SAT) Satisfactory
●	45. Main Drum rotation indicator	(SAT) Satisfactory
●	46. Auxiliary Drum rotation indicator	(SAT) Satisfactory
●	47. Radius Indicator	(SAT) Satisfactory
●	48. Crane Level Indicator	(SAT) Satisfactory
●	49. Two-Block System	(SAT) Satisfactory
●	50. Boom Hoist Limiting Device	(SAT) Satisfactory
●	51. Boom Hoist Ratchet and Pawl	(SAT) Satisfactory
●	52. Outrigger / Stabilizer Position Sensor	(NA) Not Applicable
●	53. Luffing Jib Angle Indicator	(SAT) Satisfactory
Upper Power Plant		
●	54. Performance	(SAT) Satisfactory
●	55. Exhaust System/Guards & Insulators	(SAT) Satisfactory
●	56. Hoses	(SAT) Satisfactory
●	57. Reciprocating and rotating parts	(SAT) Satisfactory
Rotating Upper Structure		
●	58. Turntable / Bearing	(SAT) Satisfactory
●	59. Turntable / Rollers	(SAT) Satisfactory
●	60. Ring and Pinion Gear	(SAT) Satisfactory


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61.	Ring and Pinion Gear.	(SAT) Satisfactory	
62.	Hydraulic and Pneumatic Pumps	(SAT) Satisfactory	
63.	Hydraulic Tubes, Fitting, and Hoses	(SAT) Satisfactory	
64.	Hydraulic Pressure	(SAT) Satisfactory	
65.	Electrical Wiring	(SAT) Satisfactory	
66.	Main Hoist - Brakes and Clutch System	(SAT) Satisfactory	
67.	Main Hoist - Wire Rope Reeving	(SAT) Satisfactory	
	4 parts of line		
68.	Main Hoist - Meets 2 rope wrap minimum	(SAT) Satisfactory	
69.	Auxiliary Hoist - Brakes and Clutch System	(NA) Not Applicable	
70.	Auxiliary Hoist - Wire Rope Reeving	(NA) Not Applicable	
71.	Auxiliary Hoist - Meets 2 rope wrap minimum	(SAT) Satisfactory	
72.	Boom Hoist - Brakes and Clutch System	(SAT) Satisfactory	
73.	Boom Hoist - Wire Rope Reeving	(SAT) Satisfactory	
74.	Boom Hoist - Meets 2 rope wrap minimum	(SAT) Satisfactory	
75.	Swing System / Assembly	(SAT) Satisfactory	
76.	Hydraulic and Pneumatic Pumps and Motors	(SAT) Satisfactory	
77.	Drums and Flanges	(SAT) Satisfactory	
78.	Clutch and Brake Protection	(NA) Not Applicable	
79.	Torque Converter	(NA) Not Applicable	
80.	Slip resistant walking and stepping surfaces	(SAT) Satisfactory	
81.	Steps, Grab rails, and platforms	(SAT) Satisfactory	
82.	Access to Cab and Roof	(SAT) Satisfactory	
83.	Air System	(NA) Not Applicable	
84.	Counterweight Mounting	(SAT) Satisfactory	
85.	Counterweight Warnings Signs	(SAT) Satisfactory	
86.	Electrocution Warnings Signs	(SAT) Satisfactory	
Boom Support System			
87.	Gantry and Mast	(SAT) Satisfactory	
88.	Boom Stops	(SAT) Satisfactory	
89.	Inner Bail	(SAT) Satisfactory	
90.	Outer Bail and Equalizer	(SAT) Satisfactory	
91.	Sheaves	(SAT) Satisfactory	
92.	Boom Hoist Wire Rope Reeving	(SAT) Satisfactory	
Boom			
93.	Boom Section Identification	(SAT) Satisfactory	
94.	Boom Section Sequence	(SAT) Satisfactory	
95.	Boom Section Alignment	(SAT) Satisfactory	
96.	Warning Labels and Decals	(SAT) Satisfactory	
97.	Spreader Bar	(NA) Not Applicable	
98.	Sheaves	(SAT) Satisfactory	
99.	Boom Head Section	(SAT) Satisfactory	P99
100.	Auxiliary Boom Head	(NA) Not Applicable	
101.	Lattice Members	(SAT) Satisfactory	
102.	Cord Members	(SAT) Satisfactory	
103.	End Connections/Pins	(SAT) Satisfactory	P103
	Monitor safety pins in heel section.		

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● 104. Boom Foot Pins and Keepers	(SAT) Satisfactory	
● 105. Hoist Line Dead End	(SAT) Satisfactory	
● 106. Wire Rope Retainers	(SAT) Satisfactory	
Luffing Boom Attachment		
● 107. Luffing Jib Section Identification	(SAT) Satisfactory	
● 108. Luffing Jib Section Sequence	(SAT) Satisfactory	
● 109. Luffing Jib Tip Section	(SAT) Satisfactory	
● 110. Luffing jib Warning Decals	(SAT) Satisfactory	
● 111. Luffing Jib Point Sheaves	(SAT) Satisfactory	
● 112. Luffing Hoist Line Dead End	(SAT) Satisfactory	
● 113. Wire Rope Retainers	(SAT) Satisfactory	
● 114. Luffing Jib Foot Keepers and Pins	(SAT) Satisfactory	
● 115. Lattice Members	(SAT) Satisfactory	
● 116. Cord Members	(SAT) Satisfactory	
● 117. End Connections and Pins	(SAT) Satisfactory	
● 118. Luffing Jib Angle Indicator	(SAT) Satisfactory	
● 119. Guard Rails	(SAT) Satisfactory	
● 120. Luffing Jib Stops	(SAT) Satisfactory	
● 121. Walking Surfaces	(SAT) Satisfactory	
● 122. Luffing Jib Hoist Reeving	(SAT) Satisfactory	P122
Mast and Maxer / Super lift packages		
● 123. Mast Boom Section Identification	(SAT) Satisfactory	P123
● 124. Mast Tip Section	(SAT) Satisfactory	P124
● 125. Mast Warning Decals	(SAT) Satisfactory	
● 126. Mast Point Sheaves	(SAT) Satisfactory	
● 127. Mast Hoist Line Dead End	(SAT) Satisfactory	
● 128. Wire Rope Retainers .	(SAT) Satisfactory	
● 129. Mast Foot Keepers and Pins	(SAT) Satisfactory	
● 130. Lattice Members.	(SAT) Satisfactory	
● 131. Cord Members.	(SAT) Satisfactory	
● 132. End Connections and Pins.	(SAT) Satisfactory	
● 133. Guard Rails.	(SAT) Satisfactory	
● 134. Walking Surfaces.	(SAT) Satisfactory	
● 135. Mast Hoist Reeving.	(SAT) Satisfactory	
Wire Rope Main Hoist drum		
● 139. Rope Damage	(SAT) Satisfactory	
● 140. Diameter & Wear		
Size:	Diameter & Wear	
28 mm	28.85 mm	
● 141. Broken Wires	(SAT) Satisfactory	
● 142. Lubrication	(SAT) Satisfactory	
● 143. End Connectors	(SAT) Satisfactory	
● 144. End Connectors, Pins, Keepers	(SAT) Satisfactory	
Wire rope Auxiliary Drum 1		
● 145. Rope Damage	(SAT) Satisfactory	
 <i>Luffing jib</i>		

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● 146. Diameter & Wear	
Size	Diameter / wear
26 mm	26.36 mm
● 147. Broken Wires	(SAT) Satisfactory
● 148. Lubrication	(SAT) Satisfactory
● 149. End Connectors	(SAT) Satisfactory
Wire rope Boom Hoist Drum	
● 152. Rope Damage	(SAT) Satisfactory
● 153. Diameter & Wear	
Size:	Diameter & Wear:
25 mm	25.57 mm
● 154. Broken Wires	(SAT) Satisfactory
● 155. Lubrication	(SAT) Satisfactory
● 156. End Connectors	(SAT) Satisfactory
Load Block & Hook	
● 159. Capacity Marking	(SAT) Satisfactory
● 160. Weight Marking	(SAT) Satisfactory
● 161. Sheave(s)	(SAT) Satisfactory
● 162. Safety Latch(es)	(SAT) Satisfactory
● 163. 0° Hook Bend or Twist	(SAT) Satisfactory
● 164. 5% Hook Opening or 1/4" Max	(SAT) Satisfactory
● 165. 10% Hook Wear Max	(SAT) Satisfactory
● 166. Swivel	(SAT) Satisfactory
● 167. Bearing	(SAT) Satisfactory
● 168. Wedge Socket / End Fitting	(SAT) Satisfactory
● 169. Reeving	(SAT) Satisfactory
4 parts of line	
No-Load Operational Test	
● 170. No-Load Operational Test	(SAT) Satisfactory
Verification and Completion	
● 171. Inspector Name and Signature	Anthony Capozzi
	
● 172. Date of Inspection	09/29/2025
173. Customer Name and Signature	
● 174. Certificate Issued	(Y) Yes

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P99.1



P103.2



P122.3



P123.4



P124.5