



Prepared for:

Sautter Crane Rental

2900 Black Lake Place Philadelphia, PA 19154

Merck & Co. Rahway, Nj

on

1/12/2026

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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Inspection - Merck & Co. Rahway, Nj

Lattice Boom Crane: 138535 - S351

 High  Med  Low Section

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
Merck & Co. Rahway, Nj	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: 011226S351
FormID: 27288768



Lattice Boom Crane	Manufacturer:	Liebherr
Location:	Model:	LR 1300.1SX
Serial #:	Capacity:	330 Tons
TagID:	Length/Lift:	95' Main Boom & 135' Luffing Jib
Status:	Hook Type:	Load Block & Hook
	Hook Type 2:	Load Block & Hook

Priorities Found: ● 140 - Good

Miles and Hours

1. Miles	n/a Miles
2. Hours	6226 Hours

Historical Records

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

General

● 5. Sheet Metal	(SAT) Satisfactory
● 6. Covers and Guards	(SAT) Satisfactory
● 7. External Lights	(SAT) Satisfactory
● 8. Housekeeping	(SAT) Satisfactory
● 9. Safety and Warning Labels	(SAT) Satisfactory
● 10. Hand Signal Chart	(SAT) Satisfactory



Crawler Assembly

● 11. Car body/ Side frames	(SAT) Satisfactory
● 12. Chain, idlers and Sprocket	(SAT) Satisfactory
● 13. Track Pads, and Pins	(SAT) Satisfactory
● 14. Travel Steering, Brakes, and Locking Devices	(SAT) Satisfactory
● 15. Steering Clutches	(SAT) Satisfactory

Operator's Station

● 16. Steps / Ladders / Handrails	(SAT) Satisfactory
● 17. Anti-Skid Stepping Surfaces	(SAT) Satisfactory
● 18. Windows	(SAT) Satisfactory
● 19. Windshield Wipers	(SAT) Satisfactory
● 20. Cab Door Restraint	(SAT) Satisfactory
● 21. Fire Extinguisher	(SAT) Satisfactory



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22. Mirrors	(SAT) Satisfactory
23. Seat	(SAT) Satisfactory
24. Seatbelts	(SAT) Satisfactory
25. Operator's Manual	(SAT) Satisfactory
26. Decals	(SAT) Satisfactory
27. Electrocution Warning Sign (inside the cab)	(SAT) Satisfactory
28. Hand Signal Charts	(SAT) Satisfactory
29. Swing Brake	(SAT) Satisfactory
30. Positive Swing lock	(SAT) Satisfactory
31. Control Function	(SAT) Satisfactory
32. Air Pressure	(SAT) Satisfactory
33. Performance Indicators (Pressure)	(SAT) Satisfactory
34. Posted Warnings	(SAT) Satisfactory
35. Brake and Clutch	(SAT) Satisfactory
36. Accelerator / Throttle	(SAT) Satisfactory

Load Chart

37. Ground Level, Remotely Controlled	(SAT) Satisfactory
38. Per Configuration	(SAT) Satisfactory
39. Visible from Fixed Operator's Station	(SAT) Satisfactory
40. Durable / Legible/ Secured	(SAT) Satisfactory

Safety Devices / Operational Aids

41. Horn	(SAT) Satisfactory
42. Boom Angle Indicator	(SAT) Satisfactory
43. Main Drum rotation indicator	(SAT) Satisfactory
44. Auxiliary Drum rotation indicator	(SAT) Satisfactory
45. Radius Indicator	(SAT) Satisfactory
46. Crane Level Indicator	(SAT) Satisfactory
47. Two-Block System	(SAT) Satisfactory
48. Boom Hoist Limiting Device	(SAT) Satisfactory
49. Boom Hoist Ratchet and Pawl	(SAT) Satisfactory
50. Luffing Jib Angle Indicator	(SAT) Satisfactory

Upper Power Plant

51. Performance	(SAT) Satisfactory
52. Exhaust System/Guards & Insulators	(SAT) Satisfactory
53. Hoses	(SAT) Satisfactory
54. Reciprocating and rotating parts	(SAT) Satisfactory

Rotating Upper Structure

55. Turntable / Bearing	(SAT) Satisfactory
56. Ring and Pinion Gear	(SAT) Satisfactory
57. Ring and Pinion Gear.	(SAT) Satisfactory
58. Hydraulic and Pneumatic Pumps	(SAT) Satisfactory
59. Hydraulic Tubes, Fitting, and Hoses	(SAT) Satisfactory
60. Hydraulic Pressure	(SAT) Satisfactory
61. Electrical Wiring	(SAT) Satisfactory
62. Main Hoist - Brakes and Clutch System	(SAT) Satisfactory
63. Main Hoist - Wire Rope Reeling	(SAT) Satisfactory
4 parts	
64. Main Hoist - Meets 2 rope wrap minimum	(SAT) Satisfactory

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65. Auxiliary Hoist - Brakes and Clutch System	(SAT) Satisfactory
66. Auxiliary Hoist - Wire Rope Reeling	(SAT) Satisfactory
3 parts	
67. Auxiliary Hoist - Meets 2 rope wrap minimum	(SAT) Satisfactory
68. Boom Hoist - Brakes and Clutch System	(SAT) Satisfactory
69. Boom Hoist - Wire Rope Reeling	(SAT) Satisfactory
70. Boom Hoist - Meets 2 rope wrap minimum	(SAT) Satisfactory
71. Swing System / Assembly	(SAT) Satisfactory
72. Hydraulic and Pneumatic Pumps and Motors	(SAT) Satisfactory
73. Drums and Flanges	(SAT) Satisfactory
74. Clutch and Brake Protection	(SAT) Satisfactory
75. Slip resistant walking and stepping surfaces	(SAT) Satisfactory
76. Steps, Grab rails, and platforms	(SAT) Satisfactory
77. Access to Cab and Roof	(SAT) Satisfactory
78. Air System	(SAT) Satisfactory
79. Counterweight Mounting	(SAT) Satisfactory
80. Counterweight Warnings Signs	(SAT) Satisfactory
81. Electrocution Warnings Signs	(SAT) Satisfactory

Boom Support System

82. Gantry and Mast	(SAT) Satisfactory
83. Boom Stops	(SAT) Satisfactory
84. Inner Bail	(SAT) Satisfactory
85. Outer Bail and Equalizer	(SAT) Satisfactory
86. Sheaves	(SAT) Satisfactory
87. Boom Hoist Wire Rope Reeling	(SAT) Satisfactory

Boom

88. Boom Section Identification	(SAT) Satisfactory
89. Boom Section Sequence	(SAT) Satisfactory
90. Boom Section Alignment	(SAT) Satisfactory
91. Warning Labels and Decals	(SAT) Satisfactory
92. Sheaves	(SAT) Satisfactory
93. Boom Head Section	(SAT) Satisfactory
94. Lattice Members	(SAT) Satisfactory
95. Cord Members	(SAT) Satisfactory
96. End Connections/Pins	(SAT) Satisfactory
97. Boom Foot Pins and Keepers	(SAT) Satisfactory
98. Hoist Line Dead End	(SAT) Satisfactory
99. Wire Rope Retainers	(SAT) Satisfactory

Luffing Boom Attachment

100. Luffing Jib Section Identification	(SAT) Satisfactory
101. Luffing Jib Section Sequence	(SAT) Satisfactory
102. Luffing Jib Tip Section	(SAT) Satisfactory
103. Luffing jib Warning Decals	(SAT) Satisfactory
104. Luffing Jib Point Sheaves	(SAT) Satisfactory
105. Luffing Hoist Line Dead End	(SAT) Satisfactory
106. Wire Rope Retainers	(SAT) Satisfactory
107. Luffing Jib Foot Keepers and Pins	(SAT) Satisfactory
108. Lattice Members	(SAT) Satisfactory

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● 109. Cord Members	(SAT) Satisfactory
● 110. End Connections and Pins	(SAT) Satisfactory
● 111. Luffing Jib Angle Indicator	(SAT) Satisfactory
● 112. Luffing Jib Stops	(SAT) Satisfactory
● 113. Walking Surfaces	(SAT) Satisfactory
● 114. Luffing Jib Hoist Reeling	(SAT) Satisfactory

Wire Rope Main Hoist drum

● 129. Rope Damage	(SAT) Satisfactory
130. Diameter & Wear	
Size:	Diameter & Wear
28mm	28.45mm

4 parts

● 131. Broken Wires	(SAT) Satisfactory
● 132. Lubrication	(SAT) Satisfactory
● 133. End Connectors	(SAT) Satisfactory
● 134. End Connectors, Pins, Keepers	(SAT) Satisfactory

Wire rope Auxiliary Drum 1

● 135. Rope Damage	(SAT) Satisfactory
136. Diameter & Wear	
Size	Diameter / wear
28mm	28.80

3 parts

● 137. Broken Wires	(SAT) Satisfactory
● 138. Lubrication	(SAT) Satisfactory
● 139. End Connectors	(SAT) Satisfactory

Wire rope Auxiliary Drum 2

● 140. Rope Damage	(SAT) Satisfactory
141. Diameter & Wear	
Size	Diameter & Wear
20mm	20.22mm

Luffing hoist

● 142. Broken Wires	(SAT) Satisfactory
● 143. Lubrication	(SAT) Satisfactory
● 144. End Connectors	(SAT) Satisfactory

Wire rope Auxiliary drum 3

145. Diameter & Wear	
Size:	Diameter & Wear
n/a	

Wire rope Boom Hoist Drum

146. Diameter & Wear	
Size:	Diameter & Wear:
24mm	24.45mm

● 147. End Connectors	(SAT) Satisfactory
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Pendants & End connections

● 148. Rope Damage.	(SAT) Satisfactory
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149. Diameter & Wear	Size: n/a Steel pendant bars	Diameter & Wear
Load Block & Hook		
150. Capacity Marking	3 sheave 110 tons 1 sheave 50 tons	(SAT) Satisfactory
151. Weight Marking	3 sheave block 2050kg 1 sheave block 600kg	(SAT) Satisfactory
152. Sheave(s)	3 sheave main block	(SAT) Satisfactory
153. Safety Latch(es)		(SAT) Satisfactory
154. 0° Hook Bend or Twist		(SAT) Satisfactory
155. 5% Hook Opening or 1/4" Max		(SAT) Satisfactory
156. 10% Hook Wear Max		(SAT) Satisfactory
157. Swivel		(SAT) Satisfactory
158. Bearing		(SAT) Satisfactory
159. Wedge Socket / End Fitting		(SAT) Satisfactory
160. Reeling		(SAT) Satisfactory
No-Load Operational Test		
161. No-Load Operational Test		(SAT) Satisfactory
Verification and Completion		
162. Inspector Name and Signature		James Doan
163. Date of Inspection		01/12/2026
164. Customer Name and Signature		
165. Certificate Issued		(Y) Yes



P9.1



P10.2



P16.3



P17.4

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