



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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 High  Med  Low Section

Inspection - <i>Merck & Co. Rahway, Nj</i>	Lattice Boom Crane: 138535 - S351	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

Location: Merck & Co. Rahway, Nj
Serial #: 138535
TagID: S351
Status: In Service

Manufacturer: Liebherr
Model: LR 1300.1SX
Capacity: 330 Tons
Length/Lift: 95' Main Boom & 135' Luffing Jib
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 | P9 |
| 10. Hand Signal Chart | (SAT) Satisfactory | P10 |

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 | P16 |
| 17. Anti-Skid Stepping Surfaces | (SAT) Satisfactory | P17 |
| 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	P28
● 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 Reeving	(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 Reeving	(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 Reeving	(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. Electrocutation 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 Reeving	(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	P93
● 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	P100
● 101. Luffing Jib Section Sequence	(SAT) Satisfactory	
● 102. Luffing Jib Tip Section	(SAT) Satisfactory	P102
● 103. Luffing jib Warning Decals	(SAT) Satisfactory	P103
● 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 Reeving	(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
Pendants & End connections	
● 148. Rope Damage.	(SAT) Satisfactory

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149. Diameter & Wear	
Size:	Diameter & Wear
n/a	
 Steel pendant bars	
Load Block & Hook	
● 150. Capacity Marking	(SAT) Satisfactory
 3 sheave 110 tons 1 sheave 50 tons	
● 151. Weight Marking	(SAT) Satisfactory
 3 sheave block 2050kg 1 sheave block 600kg	
● 152. Sheave(s)	(SAT) Satisfactory
 3 sheave main block	
● 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. Reeving	(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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P28.5



P93.6



P100.7



P102.8



P102.9



P102.10



P103.11