Prepared for:

Sautter Crane Rental

2900 Black Lake Place Philadelphia, PA 19154

Merck West Point

on

10/5/2026

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 - *Merck West Point*	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
Merck West Point	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: 100526S259
FormID: 31106185



Lattice Boom Crane

Completed by: Steve Edling on 10/05/2026

Location:	Merck West Point 770 Sumneytown Pike West Point, PA 19486
Serial #:	138390
TagID:	S259
Status:	In Service

Manufacturer:	Liebherr
Model:	LR 1300 SX
Capacity:	330 Tons
Length/Lift:	95' Main Boom 105' Luffing Jib
Hook Type:	Load Block & Hook
Hook Type 2:	Load Block & Hook

Priorities Found: **142 - Good**

Miles and Hours			
	1.	Miles	**0 Miles**
	2.	Hours	**9155.6 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	**(SAT) Satisfactory**
●	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**
●	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	**(SAT) Satisfactory**
●	84.	Radius Indicator	**(SAT) Satisfactory**
●	85.	Crane Level Indicator	**(SAT) Satisfactory** P85
●	86.	Two-Block System	**(SAT) Satisfactory**
●	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	**(SAT) Satisfactory**
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**
●	100.	Hydraulic Tubes, Fitting, and Hoses	**(SAT) Satisfactory**

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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	**(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**	
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**	P121
122.	Counterweight Warnings SIgns	**(SAT) Satisfactory**	P122
123.	Electrocution Warnings Signs	**(SAT) Satisfactory**	
Boom Support System			
124.	Gantry and Mast	**(SAT) Satisfactory**	P124
125.	Boom Stops	**(SAT) Satisfactory**	P125
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 Indentification	**(SAT) Satisfactory**	P130
131.	Boom Section Sequence	**(SAT) Satisfactory**	
132.	Boom Section Alignment	**(SAT) Satisfactory**	
133.	Warning Labels and Decals	**(SAT) Satisfactory**	P133
134.	Spreader Bar	**(NA) Not Applicable**	
135.	Sheaves	**(SAT) Satisfactory**	
136.	Boom Head Section	**(SAT) Satisfactory**	
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**	
151.	Luffing Jib Section Sequence	**(SAT) Satisfactory**	

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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		**(SAT) Satisfactory**	
164. Walking Surfaces		**(SAT) Satisfactory**	
165. Luffing Jib Hoist Reeving		**(SAT) Satisfactory**	
Wire Rope Main Hoist drum			
183. Rope Damage		**(SAT) Satisfactory**	
4 parts			
184. Diameter & Wear			
Size:	Diameter & Wear		
28 mm	**28.6 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**	
2 parts			
190. Diameter & Wear			
Size	Diameter / wear		
28 mm	**28.7 mm**		
191. Broken Wires		**(SAT) Satisfactory**	
192. Lubrication		**(SAT) Satisfactory**	
193. End Connectors		**(SAT) Satisfactory**	
Wire rope Auxiliary Drum 2			
194. Rope Damage		**(SAT) Satisfactory**	
Luffing jib			
195. Diameter & Wear			
Size	Diameter & Wear		
20 mm	**20.8 mm**		
196. Broken Wires		**(SAT) Satisfactory**	
197. Lubrication		**(SAT) Satisfactory**	
198. End Connectors		**(SAT) Satisfactory**	
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 mm**	
207.	Broken Wires		**(SAT) Satisfactory**
208.	Lubrication		**(SAT) Satisfactory**
209.	End Connectors		**(SAT) Satisfactory**
Pendants & End connections			
210.	Rope Damage.		**(NA) Not Applicable**
211.	Diameter & Wear		
	Size:	Diameter & Wear	
	0	**0**	
	Metal bars		
Load Block & Hook			
212.	Capacity Marking		**(SAT) Satisfactory** P212
213.	Weight Marking		**(SAT) Satisfactory**
214.	Sheave(s)		**(SAT) Satisfactory** P214
215.	Safety Latch(es)		**(SAT) Satisfactory** P215
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** P222
Overhaul Ball & Hook			
223.	Capacity Marking		**(SAT) Satisfactory** P223
224.	Weight Marking		**(SAT) Satisfactory** P224
225.	Safety Latches		**(SAT) Satisfactory** P225
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**



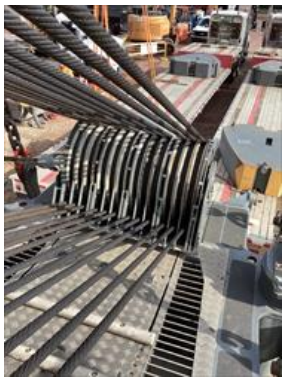
233.	Date of Inspection	**10/05/2026**
234.	Customer Name and Signature	

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235. Certificate Issued **(Y) Yes** P235


P13.1


P85.2

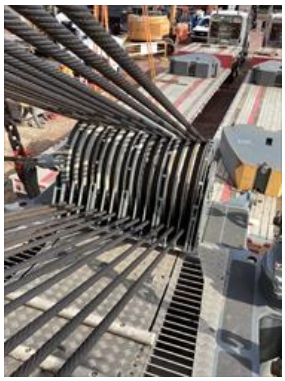

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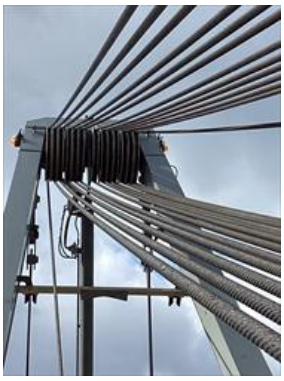

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