Prepared for:

Sautter Crane Rental

2900 Black Lake Place Philadelphia, PA 19154

Fort Monmouth

on

9/28/2026

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 Date

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		High	Med	Low	Section
Inspection - *Fort Monmouth*	Lattice Boom Crane*: 138307 - S228*	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
Fort Monmouth	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: 092826S228
FormID: 30979989



Lattice Boom Crane

Completed by: Steve Edling on 09/28/2026

Location:	Fort Monmouth	**Manufacturer:**	Liebherr
Serial #:	138307	**Model:**	LR 1300 SX
TagID:	S228	**Capacity:**	330 Tons
Status:	In Service	**Length/Lift:**	154' Main
		Hook Type:	Load Block & Hook
		Hook Type 2:	Load Block & Hook

Priorities Found: ● **128 - Good**

Miles and Hours			
	1.	Miles	**0 Miles**
	2.	Hours	**12,959.2 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**	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	**(SAT) Satisfactory**	
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**	P81
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**	
86.	Two-Block System	**(SAT) Satisfactory**	
87.	Boom Hoist Limiting Device	**(SAT) Satisfactory**	
88.	Boom Hoist Ratchet and Pawl	**(SAT) Satisfactory**	
89.	Outrigger / Stabilizer Position Sensor	**(NA) Not Applicable**	
90.	Luffing Jib Angle Indicator	**(NA) Not Applicable**	
Upper Power Plant			
91.	Performance	**(SAT) Satisfactory**	
92.	Exhaust System/Guards & Insulators	**(SAT) Satisfactory**	P92
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	**(SAT) Satisfactory**	
104.	Main Hoist - Wire Rope Reeving	**(SAT) Satisfactory**	P104
105.	Main Hoist - Meets 2 rope wrap minimum	**(SAT) Satisfactory**	
106.	Auxiliary Hoist - Brakes and Clutch System	**(SAT) Satisfactory**	
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	**(SAT) Satisfactory**	
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**	
123.	Electrocution Warnings Signs	**(SAT) Satisfactory**	
Boom Support System			
124.	Gantry and Mast	**(SAT) Satisfactory**	
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**	
131.	Boom Section Sequence	**(SAT) Satisfactory**	
132.	Boom Section Alignment	**(SAT) Satisfactory**	P132
133.	Warning Labels and Decals	**(SAT) Satisfactory**	
134.	Spreader Bar	**(NA) Not Applicable**	
135.	Sheaves	**(SAT) Satisfactory**	
136.	Boom Head Section	**(SAT) Satisfactory**	
137.	Auxiliary Boom Head	**(SAT) Satisfactory**	P137
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**	
Wire Rope Main Hoist drum			
183.	Rope Damage	**(SAT) Satisfactory**	

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	184. Diameter & Wear		
	Size:	Diameter & Wear	
	28 mm	**29.4 mm**	
	4 parts		
●	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**
	190. Diameter & Wear		
	Size	Diameter / wear	
	28 mm	**29.2 mm**	
	3 parts		
●	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**	
○	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	**25.4 mm**	
●	207. Broken Wires		**(SAT) Satisfactory**
●	208. Lubrication		**(SAT) Satisfactory**
●	209. End Connectors		**(SAT) Satisfactory**
	Pendants & End connections		
●	210. Rope Damage.		**(SAT) Satisfactory**

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	211. Diameter & Wear		
	Size:	Diameter & Wear	
	0	**0**	
	Metal bars		
Load Block & Hook			
●	212. Capacity Marking	**(SAT) Satisfactory**	
	4 parts		
●	213. Weight Marking	**(SAT) Satisfactory**	
●	214. Sheave(s)	**(SAT) Satisfactory**	
●	215. Safety Latch(es)	**(SAT) Satisfactory**	
●	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**	
	3 parts		
●	224. Weight Marking	**(SAT) Satisfactory**	
●	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	**09/28/2026**	
	234. Customer Name and Signature		
●	235. Certificate Issued	**(Y) Yes**	P235

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P13.1



P66.2



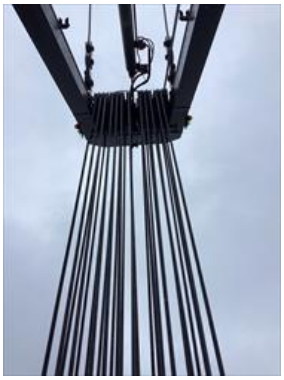
P81.3



P92.4



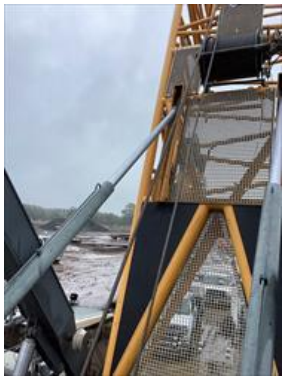
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P110.6



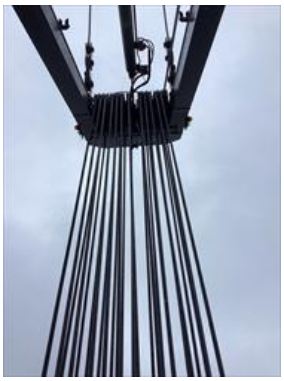
P121.7



P125.8



P126.9



P127.10



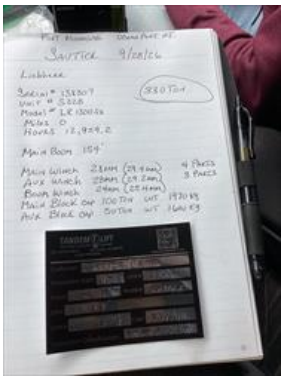
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P235.14

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