



Prepared for:

Sautter Crane rental

2900 Black Lake Place Philadelphia, PA 19154

on

5/21/2024

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>Hazelton Tilt Up Job</i>	Lattice Boom Crane: 138255 - S203	0	1	0	1.0
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Overview




Breakdown by Form

Form Type	 High	 Med	 Low	# Forms
Inspection	0	1	0	1
Overall:	0	1	0	1

Breakdown by Location

Location	 High	 Med	 Low	# Forms
Hazelton Tilt Up Job	0	1	0	1
Overall:	0	1	0	1

Breakdown by Asset

Asset Type	 High	 Med	 Low	# Assets
Lattice Boom Crane	0	1	0	1
Overall:	0	1	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: 052124S203
FormID: 20446783



Lattice Boom Crane

Location: Hazelton Tilt Up Job
889 Can Do Expressway
Hazelton, PA 18202

Serial #: 138255

TagID: S203

Status: In Service

Manufacturer: Liebherr

Model: LR1300

Capacity: 330 tons

Length/Lift: 144'

Hook Type: Load Block & Hook

Priorities Found: ● 1 - Medium ● 121 - Good

Miles and Hours

- | | |
|----------|--------------|
| 1. Miles | none Miles |
| 2. Hours | 8313.4 Hours |

Historical Records

- | | |
|--|---------------------|
| ● 3. Monthly Inspection | (SAT) Satisfactory |
| 4. Documentation of Annual / Comprehensive Inspection | |
| ● 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 | (REC) Recommendation | P13 |
| ■ Needs new chart due to fading. | | |

Driver's Cab and Station

- | | |
|---|---------------------|
| ● 14. Service Brake | (NA) Not Applicable |
| ● 15. Emergency Brake | (NA) Not Applicable |
| ● 16. Parking Brake | (SAT) Satisfactory |
| ● 17. External Lights (Headlights, Taillights, Brake Lights) | (SAT) Satisfactory |
| ● 18. Audible Warning Device | (SAT) Satisfactory |
| ● 19. Audible Reverse Signal Alarm | (SAT) Satisfactory |
| ● 20. Windows / Mirrors | (SAT) Satisfactory |
| ● 21. Windshield Wipers | (SAT) Satisfactory |
| ● 22. Windshield Defroster | (SAT) Satisfactory |

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● 23.	Housekeeping	(SAT) Satisfactory	
● 24.	Seatbelts	(SAT) Satisfactory	
● 25.	Tires	(NA) Not Applicable	
● 26.	Operating Controls and Drive Mechanisms	(SAT) Satisfactory	
● 27.	Steering	(NA) Not Applicable	
● 28.	Seat	(SAT) Satisfactory	
● 29.	Fire Extinguisher	(SAT) Satisfactory	
Crawler Assembly			
● 49.	Car body/ Side frames	(SAT) Satisfactory	
● 50.	Chain, idlers and Sprocket	(NA) Not Applicable	
● 51.	Track Pads, and Pins	(SAT) Satisfactory	
● 52.	Travel Steering, Brakes, and Locking Devices	(SAT) Satisfactory	
● 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	
● 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	
● 82.	Main Drum rotation indicator	(SAT) Satisfactory	
● 83.	Auxiliary Drum rotation indicator	(NA) Not Applicable	
● 84.	Radius Indicator	(SAT) Satisfactory	


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● 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	(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
● 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
● 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	(NA) Not Applicable
● 109. Boom Hoist - Brakes and Clutch System	(SAT) Satisfactory
● 110. Boom Hoist - Wire Rope Reeving	(SAT) Satisfactory
● 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	(SAT) Satisfactory
● 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
● 122. Counterweight Warnings Signs	(SAT) Satisfactory
● 123. Electrocuting Warnings Signs	(SAT) Satisfactory
Boom Support System	
● 124. Gantry and Mast	(SAT) Satisfactory
● 125. Boom Stops	(SAT) Satisfactory
● 126. Inner Bail	(SAT) Satisfactory
● 127. Outer Bail and Equalizer	(SAT) Satisfactory
● 128. Sheaves	(SAT) Satisfactory

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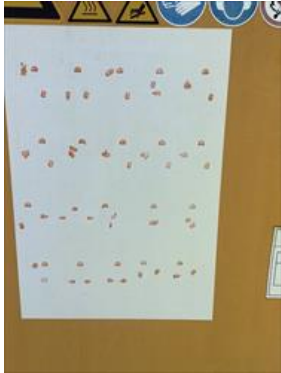
● 129. Boom Hoist Wire Rope Reeving	(SAT) Satisfactory
Boom	
● 130. Boom Section Identification	(SAT) Satisfactory
● 131. Boom Section Sequence	(SAT) Satisfactory
● 132. Boom Section Alignment	(SAT) Satisfactory
● 133. Warning Labels and Decals	(SAT) Satisfactory
● 134. Spreader Bar	(NA) Not Applicable
● 135. Sheaves	(SAT) Satisfactory
● 136. Boom Head Section	(SAT) Satisfactory
● 137. Auxiliary Boom Head	(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
Wire Rope Main Hoist drum	
● 183. Rope Damage	(SAT) Satisfactory
184. Diameter & Wear	
Size:	Diameter & Wear
28mm	28.2
● 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	
190. Diameter & Wear	
Size	Diameter / wear
191. Broken Wires	
192. Lubrication	
193. End Connectors	
Wire rope Auxiliary Drum 2	
194. Rope Damage	
195. Diameter & Wear	
Size	Diameter & Wear
196. Broken Wires	
197. Lubrication	
198. End Connectors	
Wire rope Auxiliary drum 3	
199. Rope Damage	
200. Measured Wear.	
201. Diameter & Wear	
Size:	Diameter & Wear

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202. Broken Wires	
203. Lubrication	
204. End Connectors	
Wire rope Boom Hoist Drum	
205. Rope Damage	(SAT) Satisfactory
206. Diameter & Wear	
Size:	Diameter & Wear:
24mm	23.9
207. Broken Wires	(SAT) Satisfactory
208. Lubrication	(SAT) Satisfactory
209. End Connectors	(NA) Not Applicable
Pendants & End connections	
210. Rope Damage.	(NA) Not Applicable
211. Diameter & Wear	
Size:	Diameter & Wear
<div> <div></div> <div>Pendant bars</div> </div>	
Load Block & Hook	
212. Capacity Marking	(SAT) Satisfactory
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
Overhaul Ball & Hook	
223. Capacity Marking	
224. Weight Marking	
225. Safety Latches	
226. 0° Hook Bend or Twist	
227. 5% Hook Opening or 1/4" Max	
228. 10% Hook Wear Max	
229. Swivel / Bearing	
230. Wedge Socket / End Fitting	
No-Load Operational Test	
231. No-Load Operational Test	(SAT) Satisfactory
Verification and Completion	
232. Inspector Name and Signature	Steven Edling
	

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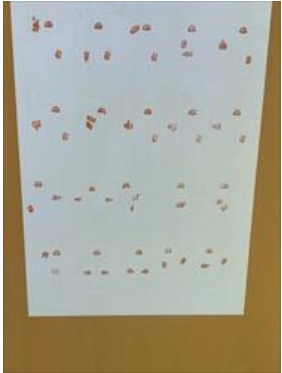
233. Date of Inspection	05/21/2024
234. Customer Name and Signature	
235. Certificate Issued	(Y) Yes



P13.1



P66.2



P66.3