



Prepared for:

Sautter Crane rental

2900 Black Lake Place Philadelphia, PA 19154

Penn Charter

on

5/31/2024

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.

William Deutter

6/5/24

Signature

Date

Table of Contents

 High  Med  Low Section

Inspection - <i>Penn Charter</i>	Lattice Boom Crane: 11001111 - S229	3	2	0	1.0
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Overview

Breakdown by Form

Form Type	High	Med	Low	# Forms
Inspection	3	2	0	1
Overall:	3	2	0	1

Breakdown by Location

Location	High	Med	Low	# Forms
Penn Charter	3	2	0	1
Overall:	3	2	0	1

Breakdown by Asset

Asset Type	High	Med	Low	# Assets
Lattice Boom Crane	3	2	0	1
Overall:	3	2	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: 053124S229
 FormID: 20542015



Lattice Boom Crane

Location: Penn Charter
 300 West Schoolhouse Lane
 Philadelphia, PA 19114

Serial #: 11001111

TagID: S229

*Additional Notes: 160' main boom 30' jib
 1 part of line on front drum
 Rear drum not out
 Jib pendant- 23.03mm*

Manufacturer: Manitowoc

Model: 10000A-1

Capacity: 100 Tons

Length/Lift: 160 ft main 30 ft jib

Hook Type: Overhaul Ball & Hook


Priorities Found: ● 3 - High ● 2 - Medium ● 113 - Good

Miles and Hours	
1. Miles	N/A Miles
2. Hours	6552 Hours
Historical Records	
● 3. Monthly Inspection	(SAT) Satisfactory
● 4. Documentation of Annual / Comprehensive Inspection	(SAT) Satisfactory
● 5. Equipment Modification(s) or additions	(NA) Not Applicable
● 6. Record of Maintenance	(SAT) Satisfactory
General	
● 7. Sheet Metal	(SAT) Satisfactory
● 8. Covers and Guards	(SAT) Satisfactory
● 9. External Lights	(SAT) Satisfactory
● 10. Housekeeping	(SAT) Satisfactory
● 11. Safety and Warning Labels	(SAT) Satisfactory
● 12. Hand Signal Chart	(SAT) Satisfactory
Crawler Assembly	
● 13. Car body/ Side frames	(SAT) Satisfactory
● 14. Chain, idlers and Sprocket	(SAT) Satisfactory
● 15. Track Pads, and Pins	(SAT) Satisfactory
● 16. Travel Steering, Brakes, and Locking Devices	(SAT) Satisfactory
● 17. Steering Clutches	(SAT) Satisfactory
Operator's Station	
● 18. Steps / Ladders / Handrails	(SAT) Satisfactory
● 19. Anti-Skid Stepping Surfaces	(SAT) Satisfactory
● 20. Windows	(SAT) Satisfactory

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● 21. Windshield Wipers	(SAT) Satisfactory
● 22. Cab Door Restraint	(SAT) Satisfactory
● 23. Fire Extinguisher	(SAT) Satisfactory
● 24. Mirrors	(SAT) Satisfactory
● 25. Seat	(SAT) Satisfactory
● 26. Seatbelts	(SAT) Satisfactory
● 27. Operator's Manual	(SAT) Satisfactory
● 28. Decals	(SAT) Satisfactory
● 29. Electrocution Warning Sign(inside the cab)	(SAT) Satisfactory
● 30. Hand Signal Charts	(SAT) Satisfactory
● 31. Swing Brake	(SAT) Satisfactory
● 32. Positive Swing lock	(SAT) Satisfactory
● 33. Control Function	(SAT) Satisfactory
● 34. Air Pressure	(NA) Not Applicable
● 35. Performance Indicators (Pressure)	(SAT) Satisfactory
● 36. Posted Warnings	(SAT) Satisfactory
● 37. Brake and Clutch	(SAT) Satisfactory
● 38. Accelerator / Throttle	(SAT) Satisfactory
● 39. Foot Brakes, Latches, and Linkage	(SAT) Satisfactory
Load Chart	
● 40. Ground Level, Remotely Controlled	(SAT) Satisfactory
● 41. Per Configuration	(SAT) Satisfactory
● 42. Visible from Fixed Operator's Station	(SAT) Satisfactory
● 43. Durable / Legible/ Secured	(SAT) Satisfactory
Safety Devices / Operational Aids	
● 44. Horn	(SAT) Satisfactory
● 45. Boom Angle Indicator	(SAT) Satisfactory
● 46. Main Drum rotation indicator	(SAT) Satisfactory
● 47. Auxiliary Drum rotation indicator	(NA) Not Applicable
● 48. Radius Indicator ● LMI not working	(DEF) Deficiency
● 49. Crane Level Indicator	(SAT) Satisfactory
● 50. Two-Block System ● LMI not working	(DEF) Deficiency
● 51. Boom Hoist Limiting Device	(SAT) Satisfactory
● 52. Boom Hoist Ratchet and Pawl	(SAT) Satisfactory
● 53. Outrigger / Stabilizer Position Sensor	(NA) Not Applicable
● 54. Luffing Jib Angle Indicator	(NA) Not Applicable
Upper Power Plant	
● 55. Performance	(SAT) Satisfactory
● 56. Exhaust System/Guards & Insulators	(SAT) Satisfactory
● 57. Hoses	(SAT) Satisfactory
● 58. Reciprocating and rotating parts	(SAT) Satisfactory
Rotating Upper Structure	
● 59. Turntable / Bearing	(SAT) Satisfactory
● 60. Turntable / Rollers	(NA) Not Applicable
● 61. Ring and Pinion Gear	(SAT) Satisfactory


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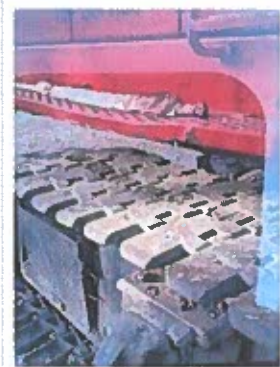
● 62. Ring and Pinion Gear.	(SAT) Satisfactory	
● 63. Hydraulic and Pneumatic Pumps	(SAT) Satisfactory	
● 64. Hydraulic Tubes, Fitting, and Hoses	(SAT) Satisfactory	
● 65. Hydraulic Pressure	(SAT) Satisfactory	
● 66. Electrical Wiring	(SAT) Satisfactory	
● 67. Main Hoist - Brakes and Clutch System	(SAT) Satisfactory	
● 68. Main Hoist - Wire Rope Reeving	(SAT) Satisfactory	
▢ 1 part of line		
● 69. Main Hoist - Meets 2 rope wrap minimum	(SAT) Satisfactory	
● 70. Auxiliary Hoist - Brakes and Clutch System	(NA) Not Applicable	
● 71. Auxiliary Hoist - Wire Rope Reeving	(NA) Not Applicable	
● 72. Auxiliary Hoist - Meets 2 rope wrap minimum	(NA) Not Applicable	
● 73. Boom Hoist - Brakes and Clutch System	(SAT) Satisfactory	
● 74. Boom Hoist - Wire Rope Reeving	(SAT) Satisfactory	
● 75. Boom Hoist - Meets 2 rope wrap minimum	(SAT) Satisfactory	
● 76. Swing System / Assembly	(SAT) Satisfactory	
● 77. Hydraulic and Pneumatic Pumps and Motors	(SAT) Satisfactory	
● 78. Drums and Flanges	(SAT) Satisfactory	
● 79. Clutch and Brake Protection	(SAT) Satisfactory	
● 80. Torque Converter	(NA) Not Applicable	
● 81. Slip resistant walking and stepping surfaces	(REC) Recommendation	P81
▢ Walkway bent		
● 82. Steps, Grab rails, and platforms	(SAT) Satisfactory	
● 83. Access to Cab and Roof	(SAT) Satisfactory	
● 84. Air System	(NA) Not Applicable	
● 85. Counterweight Mounting	(SAT) Satisfactory	
● 86. Counterweight Warnings Signs	(SAT) Satisfactory	
● 87. Electrocutation Warnings Signs	(SAT) Satisfactory	
Boom Support System		
● 88. Gantry and Mast	(REC) Recommendation	P88
▢ Mast hydraulic cylinder seeping		
● 89. Boom Stops	(SAT) Satisfactory	
● 90. Inner Bail	(SAT) Satisfactory	
● 91. Outer Bail and Equalizer	(SAT) Satisfactory	
● 92. Sheaves	(SAT) Satisfactory	
● 93. Boom Hoist Wire Rope Reeving	(SAT) Satisfactory	
Boom		
● 94. Boom Section Identification	(SAT) Satisfactory	
● 95. Boom Section Sequence	(SAT) Satisfactory	
● 96. Boom Section Alignment	(SAT) Satisfactory	
● 97. Warning Labels and Decals	(SAT) Satisfactory	
● 98. Spreader Bar	(NA) Not Applicable	
● 99. Sheaves	(SAT) Satisfactory	
● 100. Boom Head Section	(SAT) Satisfactory	
● 101. Auxiliary Boom Head	(NA) Not Applicable	
● 102. Lattice Members	(SAT) Satisfactory	
● 103. Cord Members	(SAT) Satisfactory	

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● 104. End Connections/Pins	(SAT) Satisfactory
● 105. Boom Foot Pins and Keepers	(SAT) Satisfactory
● 106. Hoist Line Dead End	(SAT) Satisfactory
● 107. Wire Rope Retainers	(SAT) Satisfactory
Jib	
● 108. Sheaves	(SAT) Satisfactory
● 109. Wire Rope Retainers	(SAT) Satisfactory
● 110. Lattice Members	(SAT) Satisfactory
● 111. Cord Members	(SAT) Satisfactory
● 112. End Connections and Pins	(SAT) Satisfactory
● 113. Jib Stops	(SAT) Satisfactory
Wire Rope Main Hoist drum	
● 131. Rope Damage	(SAT) Satisfactory
132. Diameter & Wear	
Size:	Diameter & Wear
26mm	26.63mm
● 133. Broken Wires	(SAT) Satisfactory
● 134. Lubrication	(SAT) Satisfactory
● 135. End Connectors	(SAT) Satisfactory
● 136. End Connectors, Pins, Keepers	(SAT) Satisfactory
Wire rope Auxiliary Drum 1	
● 137. Rope Damage	(NA) Not Applicable
138. Diameter & Wear	
Size	Diameter / wear
0	0
● 139. Broken Wires	(NA) Not Applicable
● 140. Lubrication	(NA) Not Applicable
● 141. End Connectors	(NA) Not Applicable
Wire rope Auxiliary Drum 2	
● 142. Rope Damage	(NA) Not Applicable
143. Diameter & Wear	
Size	Diameter & Wear
0	0
● 144. Broken Wires	(NA) Not Applicable
● 145. Lubrication	(NA) Not Applicable
● 146. End Connectors	(NA) Not Applicable
Wire rope Auxiliary drum 3	
● 147. Rope Damage	(NA) Not Applicable
● 148. Measured Wear.	(NA) Not Applicable
149. Diameter & Wear	
Size:	Diameter & Wear
0	0
● 150. Broken Wires	(NA) Not Applicable
● 151. Lubrication	(NA) Not Applicable
● 152. End Connectors	(NA) Not Applicable
Wire rope Boom Hoist Drum	

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● 153. Rope Damage	(SAT) Satisfactory
154. Diameter & Wear	
Size:	Diameter & Wear:
16mm	16.25mm
● 155. Broken Wires	(SAT) Satisfactory
● 156. Lubrication	(SAT) Satisfactory
● 157. End Connectors	(SAT) Satisfactory
Pendants & End connections	
● 158. Rope Damage.	(SAT) Satisfactory
159. Diameter & Wear	
Size:	Diameter & Wear
31mm	31.82mmo
Overhaul Ball & Hook	
● 171. Capacity Marking	(SAT) Satisfactory
● 172. Weight Marking	(SAT) Satisfactory
● 173. Safety Latches	(SAT) Satisfactory
● 174. 0° Hook Bend or Twist	(SAT) Satisfactory
● 175. 5% Hook Opening or 1/4" Max	(SAT) Satisfactory
● 176. 10% Hook Wear Max	(SAT) Satisfactory
● 177. Swivel / Bearing	(SAT) Satisfactory
● 178. Wedge Socket / End Fitting	(SAT) Satisfactory
No-Load Operational Test	
● 179. No-Load Operational Test	(SAT) Satisfactory
Verification and Completion	
180. Inspector Name and Signature	Anthony Capozzi
	
181. Date of Inspection	05/31/2024
182. Customer Name and Signature	
● 183. Certificate Issued	(N) No



P81.1



P88.2

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