



Prepared for:

Sautter Crane rental

2900 Black Lake Place Philadelphia, PA 19154

Sautter Yard

on

10/21/2023

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>Sautter Yard</i>	Telescoping Boom Crane: 297498 - S158	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
Sautter Yard	0	0	0	1
Overall:	0	0	0	1

Breakdown by Asset

Asset Type	 High	 Med	 Low	# Assets
Telescoping 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: 102123S158
 FormID: 18217379



Telescoping Boom Crane

Location: Sautter Yard
 2900 Black Lake Place
 Philadelphia, PA 19154

Serial #: 297498

TagID: S158

Manufacturer: National

Model: 800D

Capacity: 23 Tons

Length/Lift: 100'

Hook Type: Load Block & Hook

Priorities Found: ● 116 - Good

Hours and Miles

1. Hours	5,692 Hours
2. Miles	74,144 Miles
3. Hours [COPY]	
4. Hours [COPY]	

Historical Records

● 5. Monthly Inspection	(SAT) Satisfactory
● 6. Record of Maintenance	(SAT) Satisfactory
● 7. Documentation of Annual / Comprehensive Inspection	(SAT) Satisfactory
● 8. Equipment Modification(s) or additions	(SAT) Satisfactory
● 9. Record of Load Test	(SAT) Satisfactory

General

● 10. External Lights	(SAT) Satisfactory
● 11. Housekeeping	(SAT) Satisfactory
● 12. Safety and Warning Labels	(SAT) Satisfactory
● 13. Hand Signal Chart	(SAT) Satisfactory P13

Driver's Cab and Station

● 14. Service Brake	(SAT) Satisfactory
● 15. Emergency Brake	(SAT) Satisfactory
● 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. Seatbelts	(SAT) Satisfactory
● 24. Tires	(SAT) Satisfactory
● 25. Seat	(SAT) Satisfactory
● 26. Steering	(SAT) Satisfactory
● 27. Housekeeping	(SAT) Satisfactory
● 28. Fire Extinguisher	(SAT) Satisfactory
Lower Carrier Power Plant	
● 29. Engine Performance	(SAT) Satisfactory
● 30. Exhaust System	(SAT) Satisfactory
● 31. Belts	(SAT) Satisfactory
● 32. Rotating and Reciprocating Parts	(SAT) Satisfactory
Carrier	
● 33. Transmission	(SAT) Satisfactory
● 34. Drive Line	(SAT) Satisfactory
● 35. Tires	(SAT) Satisfactory
● 36. Tire Air Pressure	(SAT) Satisfactory
● 37. Main Frame Members	(SAT) Satisfactory
● 38. Hydraulic Hoses, Fittings, Tubes	(SAT) Satisfactory
● 39. Hydraulic Fluid Level	(SAT) Satisfactory
● 40. Hoses / Tubing / Fittings .	(SAT) Satisfactory
● 41. Slip Resistant Walking surface	(SAT) Satisfactory
● 42. Axle Lockout	(SAT) Satisfactory
● 43. Audible Reverse Signal Alarm	(SAT) Satisfactory
Outriggers	
● 44. Boxes & Beams	(SAT) Satisfactory
● 45. Hydraulic Cylinders	(SAT) Satisfactory
● 46. Pad / Float	(SAT) Satisfactory
● 47. Hoses / Tubing / Fittings	(SAT) Satisfactory
● 48. Holding Valves	(SAT) Satisfactory
● 49. Caution / Warning Signs	(SAT) Satisfactory
Operator's Station	
● 50. Windows	(NA) Not Applicable
● 51. Windshield Wipers	(NA) Not Applicable
● 52. Cab Door Restraint	(NA) Not Applicable
● 53. Cab Access	(SAT) Satisfactory
● 54. Steps / Ladders / Handrails	(SAT) Satisfactory
● 55. Anti-Skid Stepping Surfaces	(SAT) Satisfactory
● 56. Load Chart	(SAT) Satisfactory
● 57. Fire Extinguisher	(SAT) Satisfactory
● 58. Operator's Manual	(SAT) Satisfactory
● 59. Seat	(SAT) Satisfactory
● 60. Seatbelts	(SAT) Satisfactory
● 61. Electrocution Warning Sign(s)	(SAT) Satisfactory
● 62. Level	(SAT) Satisfactory
● 63. Horn	(SAT) Satisfactory
● 64. Load Indicator	(SAT) Satisfactory
● 65. Controls Identified	(SAT) Satisfactory


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● 66. Control Mechanisms	(SAT) Satisfactory
● 67. Power Plant Controls	(SAT) Satisfactory
● 68. Brake and Clutch	(NA) Not Applicable
● 69. Travel Brakes	(NA) Not Applicable
● 70. Travel Controls	(NA) Not Applicable
● 71. Travel Mechanism	(NA) Not Applicable
● 72. Travel Locks	(NA) Not Applicable
Load Chart	
● 73. Ground Level, Remotely Controlled	(SAT) Satisfactory
● 74. Per Configuration	(SAT) Satisfactory
● 75. Visible from Fixed Operator's Station	(SAT) Satisfactory
● 76. Durable / Legible/ Secured	(SAT) Satisfactory
Safety Devices / Operational Aids	
● 77. Boom Angle Indicator	(SAT) Satisfactory
● 78. Boom Length Indicator	(SAT) Satisfactory
● 79. Main Drum Rotation Indicator	(SAT) Satisfactory
● 80. Auxiliary Drum Rotation Indicator	(SAT) Satisfactory
● 81. Load Moment Indicator	(SAT) Satisfactory
● 82. Load Weight Indicator	(SAT) Satisfactory
● 83. Radius Indicator	(SAT) Satisfactory
● 84. Level Indicator	(SAT) Satisfactory
● 85. Two-Block System	(SAT) Satisfactory
● 86. Overload Prevention Device	(SAT) Satisfactory
Rotating Upper Structure	
● 91. Turntable / Bearing	(SAT) Satisfactory
● 92. Turntable / Rollers	(SAT) Satisfactory
● 93. Counterweight Frame	(SAT) Satisfactory
● 94. Ring and Pinion Gear	(SAT) Satisfactory
● 95. Hydraulic and Pneumatic Pumps	(SAT) Satisfactory
● 96. Hydraulic Tubes, Fitting, and Hoses	(SAT) Satisfactory
● 97. Hydraulic Pressure	(SAT) Satisfactory
● 98. Electrical Wiring	(SAT) Satisfactory
● 99. Main Hoist - Brakes and Clutch System	(SAT) Satisfactory
● 100. Main Hoist - Wire Rope Reeving	(SAT) Satisfactory
● 101. Main Hoist - Meets 2 rope wrap minimum	(SAT) Satisfactory
● 102. Auxiliary Hoist - Brakes and Clutch System	(NA) Not Applicable
● 103. Auxiliary Hoist - Wire Rope Reeving	(NA) Not Applicable
● 104. Auxiliary Hoist - Meets 2 rope wrap minimum	(NA) Not Applicable
● 105. Swing System / Assembly	(SAT) Satisfactory
● 106. Counterweight Mounting	(SAT) Satisfactory
● 107. Counterweight Posted Warnings	(SAT) Satisfactory
● 108. Electrocution Posted Warnings	(SAT) Satisfactory
Crawler Assembly	
109. Carbody And sideframes	
110. Chain and idler sprockets	
111. Track Pads and pins	
112. Travel Steering, Brakes, and Locking devices	

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113. Steering Clutches		
Main Boom		
● 114. Lift Cylinder(s)		(SAT) Satisfactory
● 115. Telescoping Boom Cylinder(s)		(SAT) Satisfactory
● 116. Hydraulic Hoses, Tubes, and Fittings		(SAT) Satisfactory
● 117. Holding Device		(SAT) Satisfactory
● 118. Boom Sections Alignment		(SAT) Satisfactory
● 119. Wear Pads		(SAT) Satisfactory
● 120. Sheaves		(SAT) Satisfactory
● 121. Hoist Line Dead End		(SAT) Satisfactory
● 122. Boom Hinge Pin		(SAT) Satisfactory
● 123. Boom Head Section		(SAT) Satisfactory
● 124. Auxiliary Boom Head		(SAT) Satisfactory
● 125. Structure		(SAT) Satisfactory
Manual / Fly Section		
130. Alignment		
131. Locking Device		
132. Structure		
Main Drum Wire Rope		
● 133. Rope Damage		(SAT) Satisfactory
134. Diameter and wear		
Size	Actual diameter measurement	
9/16"	.565"±	
● 135. Lubrication		(SAT) Satisfactory
● 136. End Connectors		(SAT) Satisfactory
Luffing Boom Attachment [COPY]		
137. Luffing Jib Section Identification		
138. Luffing Jib Section Sequence		
139. Luffing Jib Tip Section		
140. Luffing jib Warning Decals		
141. Luffing Jib Point Sheaves		
142. Luffing Hoist Line Dead End		
143. Wire Rope Retainers		
144. Luffing Jib Foot Keepers and Pins		
145. Lattice Members		
146. Cord Members		
147. End Connections and Pins		
148. Luffing Jib Angle Indicator		
149. Guard Rails		
150. Luffing Jib Stops		
151. Walking Surfaces		
152. Luffing Jib Hoist Reeving		
Auxiliary drum wire rope		
153. Rope Damage		
154. Diameter and wear		
Size	Actual diameter measurement	

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155. Broken Wires	
156. Lubrication.	
157. End Connectors	
Load Block & Hook	
● 158. Capacity Marking	(SAT) Satisfactory
● 159. Weight Marking	(SAT) Satisfactory
● 160. Sheave(s)	(SAT) Satisfactory
● 161. Safety Latch(es)	(SAT) Satisfactory
● 162. 0° Hook Bend or Twist	(SAT) Satisfactory
● 163. 5% Hook Opening or 1/4" Max	(SAT) Satisfactory
● 164. 10% Hook Wear Max	(SAT) Satisfactory
● 165. Bearing	(SAT) Satisfactory
● 166. Wedge Socket / End Fitting	(SAT) Satisfactory
● 167. Reeving	(SAT) Satisfactory
Overhaul Ball & Hook	
168. Capacity Marking	
169. Weight Marking	
170. Safety Latches	
171. 0° Hook Bend or Twist	
172. 5% Hook Opening or 1/4" Max	
173. 10% Hook Wear Max	
174. Swivel / Bearing	
175. Wedge Socket / End Fitting	
No-Load Operational Test	
● 176. No-Load Operational Test	(SAT) Satisfactory
Verification and Completion	
177. Inspector Name and Signature	Jonathan Santimaw
	
178. 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.	
179. Date of Inspection	10/21/2023
● 180. Certificate Issued	(Y) Yes

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P13.1

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