



Prepared for:

Sautter Crane rental

2900 Black Lake Place Philadelphia, PA 19154

Sautter Delaware 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

Table of Contents

 High  Med  Low Section

Inspection - *Sautter Delaware Yard*

Telescoping Boom Crane: 301803 -
S302

0

0


0

1.0

Tandem Lift LLC disclaims all warranties, both express and implied, relating to the information, reports, opinions and analysis disclosed to the Customer by Tandem Lift LLC. Tandem Lift LLC shall not be liable for any errors or omissions, or any losses, injury or damages arising from the use of such information, reports, opinions and analysis by the Customer.

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 Delaware 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

Tandem Lift LLC disclaims all warranties, both express and implied, relating to the information, reports, opinions and analysis disclosed to the Customer by Tandem Lift LLC. Tandem Lift LLC shall not be liable for any errors or omissions, or any losses, injury or damages arising from the use of such information, reports, opinions and analysis by the Customer.



Tandem Lift LLC
 321 Enlow Place
 Pennsville, NJ 08070
 833-TANDEM1

Inspection

Sautter Crane rental
 2900 Black Lake Place
 Philadelphia, PA 19154

FolderID: 102123S302
 FormID: 18217615



Telescoping Boom Crane

Location: Sautter Delaware Yard
 36 Brookhill Drive
 Newark, DE 19702

Serial #: 301803

TagID: S302

Manufacturer: National

Model: 800D

Capacity: 23 Tons

Length/Lift: 100'

Hook Type: Load Block & Hook

Priorities Found: ● 112 - Good

Hours and Miles

1. Hours	1,233 Hours
2. Miles	11,813 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	(NA) Not Applicable
● 9. Record of Load Test	(NA) Not Applicable

General

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

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

Tandem Lift LLC disclaims all warranties, both express and implied, relating to the information, reports, opinions and analysis disclosed to the Customer by Tandem Lift LLC. Tandem Lift LLC shall not be liable for any errors or omissions, or any losses, injury or damages arising from the use of such information, reports, opinions and analysis by the Customer.

●	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

Tandem Lift LLC disclaims all warranties, both express and implied, relating to the information, reports, opinions and analysis disclosed to the Customer by Tandem Lift LLC. Tandem Lift LLC shall not be liable for any errors or omissions, or any losses, injury or damages arising from the use of such information, reports, opinions and analysis by the Customer.

● 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	(NA) Not Applicable
● 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
Upper Power Plant	
87. Performance	
88. Exhaust System/Guards & Insulators	
89. Hoses	
90. Reciprocating and rotating parts	
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. Electrocutation Posted Warnings	(SAT) Satisfactory

Tandem Lift LLC disclaims all warranties, both express and implied, relating to the information, reports, opinions and analysis disclosed to the Customer by Tandem Lift LLC. Tandem Lift LLC shall not be liable for any errors or omissions, or any losses, injury or damages arising from the use of such information, reports, opinions and analysis by the Customer.

Crawler Assembly

- 109. Carbody And sideframes
- 110. Chain and idler sprokets
- 111. Track Pads and pins
- 112. Travel Steering, Brakes, and Locking devices
- 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 (NA) Not Applicable
- 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" .57"
- 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

Tandem Lift LLC disclaims all warranties, both express and implied, relating to the information, reports, opinions and analysis disclosed to the Customer by Tandem Lift LLC. Tandem Lift LLC shall not be liable for any errors or omissions, or any losses, injury or damages arising from the use of such information, reports, opinions and analysis by the Customer.

Auxiliary drum wire rope	
153. Rope Damage	
154. Diameter and wear	
Size	Actual diameter measurement
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

Tandem Lift LLC disclaims all warranties, both express and implied, relating to the information, reports, opinions and analysis disclosed to the Customer by Tandem Lift LLC. Tandem Lift LLC shall not be liable for any errors or omissions, or any losses, injury or damages arising from the use of such information, reports, opinions and analysis by the Customer.