

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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Telescoping Boom Crane: 297498 -

High Med Low

Section

Inspection - Sautter Yard

S158

0

0

0

1.0

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



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

Н	ours	and Miles		
	1.	Hours	5,692 Hours	
	2.	Miles	74,144 Miles	
	3.	Hours [COPY]		
	4.	Hours [COPY]		
Hi	stor	cal 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	
G	ener	al		0
	10.	External Lights	(SAT) Satisfactory	
	11.	Housekeeping	(SAT) Satisfactory	
	12.	Safety and Warning Labels	(SAT) Satisfactory	
	13.	Hand Signal Chart	(SAT) Satisfactory	P13
D	river'	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	

	23.	Seatbelts	(SAT) Satisfactory
	24.	Tires	(SAT) Satisfactory
	25.	Seat	(SAT) Satisfactory
	26.	Steering	(SAT) Satisfactory
	27.	Housekeeping	(SAT) Satisfactory
	28.		(SAT) Satisfactory
10		Carrier Power Plant	(entry called actions)
			(CAT) Catiofactom
-		Engine Performance	(SAT) Satisfactory
	30.	Exhaust System	(SAT) Satisfactory
	_	Belts	(SAT) Satisfactory
	32.	Rotating and Reciprocating Parts	(SAT) Satisfactory
Ca	arrie	r	
	33.	Transmission	(SAT) Satisfactory
	34.	Drive Line	(SAT) Satisfactory
	35.	Tires	(SAT) Satisfactory
	36.	Tire Air Pressure	(SAT) Satisfactory
	37.		(SAT) Satisfactory
	38.	Hydraulic Hoses, Fittings, Tubes	(SAT) Satisfactory
	39.	•	(SAT) Satisfactory
	40.	Hoses / Tubing / Fittings .	(SAT) Satisfactory
		-	
	41.	Slip Resistant Walking surface	(SAT) Satisfactory
•		Axle Lockout	(SAT) Satisfactory
		Audible Reverse Signal Alarm	(SAT) Satisfactory
O	utrig	gers	
	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
Oı	perat	tor'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
		Steps / Ladders / Handrails	(SAT) Satisfactory (SAT) Satisfactory
	54.	·	· · ·
	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
	00.	Controls identified	(SAT) Satisfactory

6. B. Collitol Medicalizations 6. B. Brake and Clutich 6. B. Brake and Clutich 6. B. Travel Brakes 7. Travel Brakes 7. Travel Controls 7. Travel Controls 7. Travel Mechanism (NA) Not Applicable 7. Travel Controls (NA) Not Applicable Not App		66	Control Machanisms	/CAT\ Caticfactors
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 96. Hydraulic Tubes, Fitting, and Hoses 97. Hydraulic Pressure 98. Electrical Wiring 99. Main Hoist - Brakes and Clutch System 100. Main Hoist - Wire Rope Reeving 101. Main Hoist - Meets 2 rope wrap minimum 102. Auxiliary Hoist - Brakes and Clutch System 103. Auxiliary Hoist - Wire Rope Reeving 104. Auxiliary Hoist - Meets 2 rope wrap minimum 105. Swing System / Assembly 106. Counterweight Mounting 107. Counterweight Posted Warnings 108. Electrocution Posted Warnings 109. Carbody And sideframes 110. Chain and idler sprokets 		94.	Ring and Pinion Gear	(SAT) Satisfactory
 97. Hydraulic Pressure 98. Electrical Wiring 99. Main Hoist - Brakes and Clutch System 100. Main Hoist - Wire Rope Reeving 101. Main Hoist - Meets 2 rope wrap minimum 102. Auxiliary Hoist - Brakes and Clutch System 103. Auxiliary Hoist - Wire Rope Reeving 104. Auxiliary Hoist - Meets 2 rope wrap minimum 105. Swing System / Assembly 106. Counterweight Mounting 107. Counterweight Posted Warnings 108. Electrocution Posted Warnings 109. Carbody And sideframes 110. Chain and idler sprokets 		95.	Hydraulic and Pneumatic Pumps	(SAT) Satisfactory
 98. Electrical Wiring 99. Main Hoist - Brakes and Clutch System 100. Main Hoist - Wire Rope Reeving 101. Main Hoist - Meets 2 rope wrap minimum 102. Auxiliary Hoist - Brakes and Clutch System 103. Auxiliary Hoist - Wire Rope Reeving 104. Auxiliary Hoist - Wire Rope Reeving 105. Swing System / Assembly 106. Counterweight Mounting 107. Counterweight Posted Warnings 108. Electrocution Posted Warnings 109. Carbody And sideframes 110. Chain and idler sprokets 		96.	Hydraulic Tubes, Fitting, and Hoses	(SAT) Satisfactory
 99. Main Hoist - Brakes and Clutch System 100. Main Hoist - Wire Rope Reeving 101. Main Hoist - Meets 2 rope wrap minimum 102. Auxiliary Hoist - Brakes and Clutch System 103. Auxiliary Hoist - Wire Rope Reeving 104. Auxiliary Hoist - Meets 2 rope wrap minimum 105. Swing System / Assembly 106. Counterweight Mounting 107. Counterweight Posted Warnings 108. Electrocution Posted Warnings 109. Carbody And sideframes 110. Chain and idler sprokets 		97.	Hydraulic Pressure	(SAT) Satisfactory
 100. Main Hoist - Wire Rope Reeving 101. Main Hoist - Meets 2 rope wrap minimum 102. Auxiliary Hoist - Brakes and Clutch System 103. Auxiliary Hoist - Wire Rope Reeving 104. Auxiliary Hoist - Meets 2 rope wrap minimum 105. Swing System / Assembly 106. Counterweight Mounting 107. Counterweight Posted Warnings 108. Electrocution Posted Warnings 109. Carbody And sideframes 110. Chain and idler sprokets 		98.	Electrical Wiring	(SAT) Satisfactory
 100. Main Hoist - Wire Rope Reeving 101. Main Hoist - Meets 2 rope wrap minimum 102. Auxiliary Hoist - Brakes and Clutch System 103. Auxiliary Hoist - Wire Rope Reeving 104. Auxiliary Hoist - Meets 2 rope wrap minimum 105. Swing System / Assembly 106. Counterweight Mounting 107. Counterweight Posted Warnings 108. Electrocution Posted Warnings 109. Carbody And sideframes 110. Chain and idler sprokets 		99.	Main Hoist - Brakes and Clutch System	(SAT) Satisfactory
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109. Carbody And sideframes 110. Chain and idler sprokets			·	(SAT) Satisfactory
110. Chain and idler sprokets	C		•	
·			•	
111. Track Pads and pins			·	
·				
112. Travel Steering, Brakes, and Locking devices		112.	Travel Steering, Brakes, and Locking devices	

113.	Steering Clutches	
Main E	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
Manua	al / Fly Section	
	Alignment	
	Locking Device	
	Structure	
Main E	Orum Wire Rope	
	Rope Damage	(SAT) Satisfactory
	Diameter and wear	(confidential)
	Slze	Actual diameter measurement
	9/16"	.565"\$&
135	Lubrication	(SAT) Satisfactory
	End Connectors	(SAT) Satisfactory
	g Boom Attachment [COPY]	(crity constituting
	Luffing Jib Section Identification	
	Luffing Jib Section Sequence	
	Luffing Jib Tip Section	
	Luffing jib Warning Decals	
	Luffing Jib Point Sheaves	
	Luffing Hoist Line Dead End	
	Wire Rope Retainers	
	Luffing Jib Foot Keepers and Pins	
	Lattice Members	
	Cord Members	
	End Connections and Pins	
	Luffing Jib Angle Indicator	
	Guard Rails	
	Luffing Jib Stops	
	Walking Surfaces	
	Luffing Jib Hoist Reeving	
	ary drum wire rope	
	Rope Damage	
	Diameter and wear	
154.		A atrial diameter management
	Slze	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	
lo-Load Operational Test	
176. No-Load Operational Test	(SAT) Satisfactory
erification 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



P13.1