



Prepared for:

## **Sautter Crane rental**

2900 Black Lake Place Philadelphia, PA 19154

Sautter Yard

on

10/14/2023

Please return the entire report.

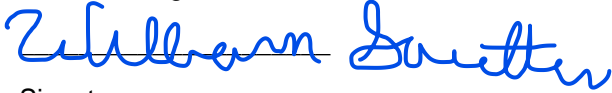
**Customer Sign Off**

**-If there are no deficiencies nothing needs to be done**

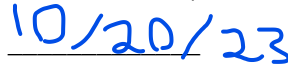
**-If there are any (HIGH, RED) deficiencies please follow the instructions below**

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](mailto:tony.rossi@tandemlift.com) or [jon.santimaw@tandemlift.com](mailto: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 - <i>Sautter Yard</i>	Telescoping Boom Crane: 236811 - S300	3	0	1	<b>1.0</b>
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# Overview



## Breakdown by Form

Form Type	 High	 Med	 Low	# Forms
Inspection	3	0	1	1
<b>Overall:</b>	<b>3</b>	<b>0</b>	<b>1</b>	<b>1</b>

## Breakdown by Location

Location	 High	 Med	 Low	# Forms
Sautter Yard	3	0	1	1
<b>Overall:</b>	<b>3</b>	<b>0</b>	<b>1</b>	<b>1</b>

## Breakdown by Asset

Asset Type	 High	 Med	 Low	# Assets
Telescoping Boom Crane	3	0	1	1
<b>Overall:</b>	<b>3</b>	<b>0</b>	<b>1</b>	<b>1</b>

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## Inspection

**Sautter Crane rental**  
 2900 Black Lake Place  
 Philadelphia, PA 19154

FolderID: 101423S300  
 FormID: 18154767

### Telescoping Boom Crane



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

**Serial #:** 236811

**TagID:** S300

*Additional Notes: 110 ft boom  
 2 parts of line  
 Auxiliary drum not out*

**Manufacturer:** Grove

**Model:** TMS700E

**Capacity:** 60 Tons

**Length/Lift:** 110 ft.

**Hook Type:** Load Block & Hook

Priorities Found: ● 3 - High    ● 1 - Low    ● 111 - Good

### Hours and Miles

1. Hours	<b>2940 Hours</b>
2. Miles	<b>23,423 Miles</b>
3. Hours [COPY]	
4. Hours [COPY]	

### General

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

### Driver's Cab and Station

● 14. Service Brake	<b>(SAT) Satisfactory</b>
● 15. Emergency Brake	<b>(SAT) Satisfactory</b>
● 16. Parking Brake	<b>(SAT) Satisfactory</b>
● 17. External Lights (Headlights, Taillights, Brake Lights)	<b>(SAT) Satisfactory</b>
● 18. Audible Warning Device	<b>(SAT) Satisfactory</b>
● 19. Audible Reverse Signal Alarm	<b>(SAT) Satisfactory</b>
● 20. Windows / Mirrors	<b>(SAT) Satisfactory</b>
● 21. Windshield Wipers	<b>(SAT) Satisfactory</b>
● 22. Windshield Defroster	<b>(SAT) Satisfactory</b>
● 23. Seatbelts	<b>(SAT) Satisfactory</b>
● 24. Tires	<b>(SAT) Satisfactory</b>
● 25. Seat	<b>(SAT) Satisfactory</b>
● 26. Steering	<b>(SAT) Satisfactory</b>
● 27. Housekeeping	<b>(SAT) Satisfactory</b>
● 28. Fire Extinguisher	<b>(SAT) Satisfactory</b>


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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	(MON) Monitor
■	<i>Left front rear wheel seal leaking</i>	
●	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	(SAT) Satisfactory
●	51. Windshield Wipers	(SAT) Satisfactory
●	52. Cab Door Restraint	(SAT) Satisfactory
●	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	(NA) Not Applicable
●	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
●	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

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● 71. Travel Mechanism	(NA) Not Applicable
● 72. Travel Locks	(NA) Not Applicable
<b>Load Chart</b>	
● 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
<b>Safety Devices / Operational Aids</b>	
● 77. Boom Angle Indicator ■ <i>Boom angle off by 4 degrees</i>	(DEF) Deficiency
● 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 ■ <i>LMI reading off by 16%. 10 percent allowable</i>	(DEF) Deficiency
● 84. Level Indicator	(SAT) Satisfactory
● 85. Two-Block System	(SAT) Satisfactory
● 86. Overload Prevention Device	(SAT) Satisfactory
<b>Rotating Upper Structure</b>	
● 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 ■ <i>2 parts of line</i>	(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
<b>Main Boom</b>	
● 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

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● 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
<b>Jib</b>	
● 126. Sheaves	(SAT) Satisfactory
● 127. Wire Rope Retainers	(SAT) Satisfactory
● 128. End Connections and Pins	(SAT) Satisfactory
● 129. Wire Rope Retainers.	(SAT) Satisfactory
<b>Main Drum Wire Rope</b>	
● 133. Rope Damage	(SAT) Satisfactory
134. Diameter and wear	
Size	Actual diameter measurement
<b>3/4 inch</b>	<b>.775 inch</b>
● 135. Lubrication	(SAT) Satisfactory
● 136. End Connectors	(SAT) Satisfactory
<b>Auxiliary drum wire rope</b>	
● 153. Rope Damage	(NA) Not Applicable
154. Diameter and wear	
Size	Actual diameter measurement
<b>0</b>	<b>0</b>
● 155. Broken Wires	(NA) Not Applicable
● 156. Lubrication.	(NA) Not Applicable
● 157. End Connectors	(NA) Not Applicable
<b>Load Block &amp; Hook</b>	
● 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
■ 2 parts of line	
<b>No-Load Operational Test</b>	
● 176. No-Load Operational Test	(SAT) Satisfactory
<b>Verification and Completion</b>	
177. Inspector Name and Signature	Anthony Capozzi
	

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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	10/14/2023
● 180. Certificate Issued	(N) No

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