



Prepared for:

Sautter Crane rental

2900 Black Lake Place Philadelphia, PA 19154

Sautter Yard

on

7/2/2024

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.

Signature

Date

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 High  Med  Low Section

Hydraulic Boom Crane Annual Inspection Report (1910.180 & 1926.1400) - <i>Sautter Yard</i>	Telescoping Boom Crane: 322791 - S350	0	1	1	1.0
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Overview


Breakdown by Form

Form Type	 High	 Med	 Low	# Forms
Hydraulic Boom Crane Annual Inspection Report (1910.180 & 1926.1400)	0	1	1	1
Overall:	0	1	1	1

Breakdown by Location

Location	 High	 Med	 Low	# Forms
Sautter Yard	0	1	1	1
Overall:	0	1	1	1

Breakdown by Asset

Asset Type	 High	 Med	 Low	# Assets
Telescoping Boom Crane	0	1	1	1
Overall:	0	1	1	1

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Hydraulic Boom Crane Annual Inspection Report (1910.180 & 1926.1400)

FolderID: 070224S350
 FormID: 20886558

Sautter Crane rental
 2900 Black Lake Place
 Philadelphia, PA 19154



Telescoping Boom Crane

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

Serial Number: 322791

Unit Number: S350

*Additional Notes: 54.5 ft boom
 4 parts of line
 Can't inspect extend and retract cables without
 disassembling boom*

Manufacturer: Grove

Model: GCD20

Capacity: 20 Tons

Length/Lift: 54.5 ft

Type of Crane: Carry Deck

Number of Hoists: Main Only

Boom Configuration: Main Boom with Stowed Jib

Load Test: No

Priorities Found: ● 1 - Medium ● 1 - Low ● 100 - Good

General

1. Location of Equipment **Sautter Yard**

2. Customer Sign Off

Please return the entire report.

Customer Sign Off

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Signature

3. Hours & Mileage

Hours	Mileage
436	0

Inspection Information

4. Inspection Number **070224S350**

5. Inspection Date **07/02/2024**

● 6. Inspection Type **(Ann) Annual**

Information & Records

● 7. Documentation of Annual/Comprehensive Inspection **(SAT) Satisfactory**

● 8. Daily/Monthly Inspection Records **(SAT) Satisfactory**

● 9. Maintenance Records **(SAT) Satisfactory**

● 10. Hand Signal Chart **(SAT) Satisfactory**

● 11. Safety and Warning Decals **(SAT) Satisfactory**

● 12. Operators Manual **(SAT) Satisfactory**

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Safety Devices & Operational Aids

● 13. Backup Alarm	(SAT) Satisfactory
● 14. Audible Warning Device	(SAT) Satisfactory
● 15. Boom Angle Indicator	(SAT) Satisfactory
● 16. Boom Length Indicator	(SAT) Satisfactory
● 17. Drum Rotation Indicator(s)	(SAT) Satisfactory
● 18. Anti Two-Block Device/System	(SAT) Satisfactory
● 19. Load Moment Indicator (LMI)	(SAT) Satisfactory
● 20. Load Weight Indicator	(SAT) Satisfactory
● 21. Radius Indicator	(SAT) Satisfactory
● 22. Level Indicator(s)	(SAT) Satisfactory
● 23. Fire Extinguisher	(SAT) Satisfactory

Load Chart

● 24. Visible/Accessible	(SAT) Satisfactory
● 25. Per Configuration	(SAT) Satisfactory
● 26. Durable/Legible/Secured	(SAT) Satisfactory

Carrier

● 27. Steering	(SAT) Satisfactory
● 28. Parking Brake	(SAT) Satisfactory
● 29. Exterior Lights (Headlights, Turn Signals, Brake Lights, Reverse Lights)	(SAT) Satisfactory
● 30. Wheels & Tires	(SAT) Satisfactory
● 31. Engine	(SAT) Satisfactory
● 32. Exhaust System	(SAT) Satisfactory
● 33. Drive Line	(SAT) Satisfactory
● 34. Main Frame Members	(SAT) Satisfactory
● 35. Hoses/Fittings//Valves	(SAT) Satisfactory
● 36. Hydraulic Tank & Fluid Level	(SAT) Satisfactory
● 37. Slip Resistant Walking Surfaces	(SAT) Satisfactory
● 38. Steps/Ladders/Handrails	(SAT) Satisfactory

Outriggers/Stabilizers

● 39. Structure & Mounting	(SAT) Satisfactory
● 40. Boxes & Beams	(REC) Recommendation
■ <i>Right front outrigger beam needs lubrication. Gets stuck when out</i>	
● 41. Cylinders	(SAT) Satisfactory
● 42. Pads/Floats	(SAT) Satisfactory
● 43. Hoses/Fittings/Valves	(SAT) Satisfactory

Operators Station

● 44. Windows & Wipers	(SAT) Satisfactory
● 45. Cab Door Restraint	(SAT) Satisfactory
● 46. Cab Access	(SAT) Satisfactory
● 47. Steps/Ladders/Handrails	(SAT) Satisfactory
● 48. Anti-Skid Stepping Surfaces	(SAT) Satisfactory
● 49. Fire Extinguisher	(SAT) Satisfactory
● 50. Operator Horn	(SAT) Satisfactory
● 51. Controls Identified	(SAT) Satisfactory
● 52. Control Functions	(SAT) Satisfactory
● 53. Power Plant Controls	(SAT) Satisfactory

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●	54. Operator Cutoff Switch (Deadman)	(SAT) Satisfactory
●	55. Brake & Clutch	(SAT) Satisfactory
●	56. Travel Controls	(SAT) Satisfactory
●	57. Accelerator/Throttle Control	(SAT) Satisfactory
●	58. Hoses/Fittings/Valves	(SAT) Satisfactory
●	59. Housekeeping	(SAT) Satisfactory
Rotating Upper Structure		
●	60. Structure	(SAT) Satisfactory
●	61. Hoses/Fittings/Valves	(SAT) Satisfactory
●	62. Hydraulic & Pneumatic Pumps	(SAT) Satisfactory
●	63. Hydraulic Pressure	(MON) Monitor
■	<i>Hydraulic system charging accumulator every 20 seconds</i>	
●	64. Electrical Wiring	(SAT) Satisfactory
●	65. Ring & Pinion Gear	(SAT) Satisfactory
●	66. Swing System/Assembly	(SAT) Satisfactory
●	67. Counterweight Frame	(SAT) Satisfactory
●	68. Counterweight Mounting	(SAT) Satisfactory
Hoist System		
●	69. Brakes & Clutch System	(SAT) Satisfactory
●	70. Wire Rope Reeving	(SAT) Satisfactory
■	<i>4 parts of line</i>	
●	71. 2 Rope Wrap Minimum	(SAT) Satisfactory
●	72. Hoist Motor	(SAT) Satisfactory
●	73. Hoses/Fittings/Valves	(SAT) Satisfactory
●	74. Drums/Lagging/Flanges	(SAT) Satisfactory
●	75. Anchor System	(SAT) Satisfactory
●	76. Hoist Spooling	(SAT) Satisfactory
Main Boom		
●	77. Lift Cylinder(s)	(SAT) Satisfactory
●	78. Telescoping Boom Cylinder(s)	(SAT) Satisfactory
●	79. Hoses/Fittings/Valves	(SAT) Satisfactory
●	80. Holding Device	(SAT) Satisfactory
●	81. Boom Sections Alignment	(SAT) Satisfactory
●	82. Wear Pads	(SAT) Satisfactory
●	83. Sheaves	(SAT) Satisfactory
●	84. Wire Rope Retainers	(SAT) Satisfactory
●	85. Boom Hinge Pin	(SAT) Satisfactory
●	86. Boom Head Section	(SAT) Satisfactory
●	87. Auxiliary Boom Head	(NA) Not Applicable
●	88. Structure	(SAT) Satisfactory
Jib/Fly Extension		
●	89. Structure	(SAT) Satisfactory
●	90. Locking Devices	(SAT) Satisfactory
●	91. Sheaves	(SAT) Satisfactory
●	92. Wire Rope Retainers	(SAT) Satisfactory
●	93. Alignment	(SAT) Satisfactory
●	94. End Connectors & Pins	(SAT) Satisfactory

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Main Drum Wire Rope

95. Wire Rope Information

Diameter

Construction/Type

Number of Parts

.577 inch

Non Rotational

4

- 96. Rope Damage (SAT) Satisfactory
- 97. Lubrication (SAT) Satisfactory
- 98. End Connectors (SAT) Satisfactory

Main Hoist Load Block/Headache Ball/Hook

99. Capacity and Weight

Capacity

Weight

20 Tons

388 lbs

- 100. Capacity Marking (SAT) Satisfactory
- 101. Weight Marking (SAT) Satisfactory
- 102. Sheave(s) (SAT) Satisfactory
- 103. Safety Latch(es) (SAT) Satisfactory
- 104. 0° Hook Bend/Twist (SAT) Satisfactory
- 105. 5% Hook Opening or 1/4" Max (SAT) Satisfactory
- 106. 10% Hook Wear Max (SAT) Satisfactory
- 107. Bearing (SAT) Satisfactory
- 108. Wedge Socket/End Fitting (SAT) Satisfactory
- 109. Reeving (SAT) Satisfactory

4 parts of line

Verification and Completion

110. Inspector Name & Signature

Anthony Capozzi



111. Additional Inspection Notes

- 112. Sticker Given (Y) Yes, Given on Site