



Prepared for:

Sautter Crane rental

2900 Black Lake Place Philadelphia, PA 19154

Limerick Power Plant

on

7/3/2024

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>Limerick Power Plant</i>	Telescoping Boom Crane: 230215 - S160	0	0	0	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	0	0	1
Overall:	0	0	0	1

Breakdown by Location

Location	 High	 Med	 Low	# Forms
Limerick Power Plant	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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Hydraulic Boom Crane Annual Inspection Report (1910.180 & 1926.1400)

Sautter Crane rental
 2900 Black Lake Place
 Philadelphia, PA 19154

FolderID: 070424S160
 FormID: 20907157



Telescoping Boom Crane

Location: Limerick Power Plant
Serial Number: 230215
Unit Number: S160

*Additional Notes: 102 ft boom
 4 parts of line
 Cable doesn't reach the ground with 4 parts of line*

Manufacturer: Grove
Model: RT 540E
Capacity: 40 Tons
Length/Lift: 102'
Type of Crane: All Terrain Crane
Number of Hoists: Main and Auxiliary (Not in Use)
Boom Configuration: Main Boom with Stowed Jib
Load Test: No

Priorities Found: ● 105 - Good

General

1. Location of Equipment **Limerick Power Plant**

2. Customer Sign Off

Please return the entire report.

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Signature

3. Hours & Mileage

Hours	Mileage
0	0

Inspection Information

4. Inspection Number **070424S160**

5. Inspection Date **07/03/2024**

● 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. Windshield & Wipers	(SAT) Satisfactory
● 31. Windows & Mirrors	(SAT) Satisfactory
● 32. Wheels & Tires	(SAT) Satisfactory
● 33. Engine	(SAT) Satisfactory
● 34. Exhaust System	(SAT) Satisfactory
● 35. Axle Lockout	(SAT) Satisfactory
● 36. Drive Line	(SAT) Satisfactory
● 37. Main Frame Members	(SAT) Satisfactory
● 38. Hoses/Fittings//Valves	(SAT) Satisfactory
● 39. Hydraulic Tank & Fluid Level	(SAT) Satisfactory
● 40. Slip Resistant Walking Surfaces	(SAT) Satisfactory
● 41. Steps/Ladders/Handrails	(SAT) Satisfactory

Outriggers/Stabilizers

● 42. Structure & Mounting	(SAT) Satisfactory
● 43. Boxes & Beams	(SAT) Satisfactory
● 44. Cylinders	(SAT) Satisfactory
● 45. Pads/Floats	(SAT) Satisfactory
● 46. Hoses/Fittings//valves	(SAT) Satisfactory


Operators Station

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

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

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● 97. Wire Rope Retainers			(SAT) Satisfactory
● 98. Alignment			(SAT) Satisfactory
● 99. End Connectors & Pins			(SAT) Satisfactory
Main Drum Wire Rope			
100. Wire Rope Information			
	Diameter	Construction/Type	Number of Parts
	5/8 inch	Non Rotational	4
● 101. Rope Damage			(SAT) Satisfactory
● 102. Lubrication			(SAT) Satisfactory
● 103. End Connectors			(SAT) Satisfactory
Main Hoist Load Block/Headache Ball/Hook			
104. Capacity and Weight			
	Capacity	Weight	
	40 Tons	580 lbs	
● 105. Capacity Marking			(SAT) Satisfactory P105
● 106. Weight Marking			(SAT) Satisfactory P106
● 107. Sheave(s)			(SAT) Satisfactory
● 108. Safety Latch(es)			(SAT) Satisfactory
● 109. 0° Hook Bend/Twist			(SAT) Satisfactory
● 110. 5% Hook Opening or 1/4" Max			(SAT) Satisfactory
● 111. 10% Hook Wear Max			(SAT) Satisfactory
● 112. Bearing			(SAT) Satisfactory
● 113. Wedge Socket/End Fitting			(SAT) Satisfactory
● 114. Reeving			(SAT) Satisfactory
■ 4 parts of line			
Auxiliary Drum Wire Rope			
115. Wire Rope Information			
	Diameter	Construction/Type	Number of Parts
	5/8 inch	Non Rotational	0
Verification and Completion			
116. Inspector Name & Signature			Steve Edling
			
117. Additional Inspection Notes			
● 118. Sticker Given			(Y) Yes, Given on Site P118

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P105.1



P106.2



P118.3