



Prepared for:

Sautter Crane rental

2900 Black Lake Place Philadelphia, PA 19154

Limerick Power Plant

on

3/19/2024

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 Inspection Report (1910.180 & 1926.1400) - <i>Limerick Power Plant</i>	Telescoping Boom Crane: 237090 - S345	0	0	0	1.0
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Overview


Breakdown by Form

Form Type	 High	 Med	 Low	# Forms
Hydraulic Boom Crane 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 Inspection Report (1910.180 & 1926.1400)

Sautter Crane rental
 2900 Black Lake Place
 Philadelphia, PA 19154

FolderID: 031924S345
 FormID: 19804611



Telescoping Boom Crane

Location: Limerick Power Plant

Serial Number: 237090

Unit Number: S345

*Additional Notes: 102 ft boom
 4 parts of line*

Manufacturer: Grove

Model: RT540E

Capacity: 40 Tons

Length/Lift: 102'

Type of Crane: Rough Terrain Crane

Number of Hoists: Main Only

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

941

N/A

Inspection Information

4. Inspection Number 031924S345

5. Inspection Date 03/19/2024

● 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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● 13. Equipment Modification(s) or Additions	(SAT) Satisfactory
Safety Devices & Operational Aids	
● 14. Backup Alarm	(SAT) Satisfactory
● 15. Audible Warning Device	(SAT) Satisfactory
● 16. Boom Angle Indicator	(SAT) Satisfactory
● 17. Boom Length Indicator	(SAT) Satisfactory
● 18. Drum Rotation Indicator(s)	(SAT) Satisfactory
● 19. Anti Two-Block Device/System	(SAT) Satisfactory
● 20. Load Moment Indicator (LMI)	(SAT) Satisfactory
● 21. Load Weight Indicator	(SAT) Satisfactory
● 22. Radius Indicator	(SAT) Satisfactory
● 23. Level Indicator(s)	(SAT) Satisfactory
● 24. Fire Extinguisher	(SAT) Satisfactory
Load Chart	
● 25. Visible/Accessible	(SAT) Satisfactory
● 26. Per Configuration	(SAT) Satisfactory
● 27. Durable/Legible/Secured	(SAT) Satisfactory
Carrier	
● 28. Steering	(SAT) Satisfactory
● 29. Parking Brake	(SAT) Satisfactory
● 30. Exterior Lights (Headlights, Turn Signals, Brake Lights, Reverse Lights)	(SAT) Satisfactory
● 31. Windshield & Wipers	(SAT) Satisfactory
● 32. Windows & Mirrors	(SAT) Satisfactory
● 33. Wheels & Tires	(SAT) Satisfactory
● 34. Engine	(SAT) Satisfactory
● 35. Exhaust System	(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. Hoses/Fittings/Valves	(SAT) Satisfactory
● 65. Hydraulic & Pneumatic Pumps	(SAT) Satisfactory
● 66. Hydraulic Pressure	(SAT) Satisfactory
● 67. Electrical Wiring	(SAT) Satisfactory
● 68. Ring & Pinion Gear	(SAT) Satisfactory
● 69. Swing System/Assembly	(SAT) Satisfactory
● 70. Counterweight Frame	(SAT) Satisfactory
● 71. Counterweight Mounting	(SAT) Satisfactory
Hoist System	
● 72. Brakes & Clutch System	(SAT) Satisfactory
● 73. Wire Rope Reeving	(SAT) Satisfactory
● 74. 2 Rope Wrap Minimum	(SAT) Satisfactory
● 75. Hoist Motor	(SAT) Satisfactory
● 76. Hoses/Fittings/Valves	(SAT) Satisfactory
● 77. Drums/Lagging/Flanges	(SAT) Satisfactory
● 78. Anchor System	(SAT) Satisfactory
● 79. Hoist Spooling	(SAT) Satisfactory
Main Boom	
● 80. Lift Cylinder(s)	(SAT) Satisfactory
● 81. Telescoping Boom Cylinder(s)	(SAT) Satisfactory
● 82. Hoses/Fittings/Valves	(SAT) Satisfactory
● 83. Holding Device	(SAT) Satisfactory
● 84. Boom Sections Alignment	(SAT) Satisfactory
● 85. Wear Pads	(SAT) Satisfactory
● 86. Sheaves	(SAT) Satisfactory
● 87. Wire Rope Retainers	(SAT) Satisfactory
● 88. Boom Hinge Pin	(SAT) Satisfactory
● 89. Boom Head Section	(SAT) Satisfactory
● 90. Auxiliary Boom Head	(NA) Not Applicable
● 91. Structure	(SAT) Satisfactory
Jib/Fly Extension	
● 92. Structure	(SAT) Satisfactory
● 93. Locking Devices	(SAT) Satisfactory
● 94. Sheaves	(SAT) Satisfactory
● 95. Wire Rope Retainers	(SAT) Satisfactory
● 96. Alignment	(SAT) Satisfactory
● 97. End Connectors & Pins	(SAT) Satisfactory

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Main Drum Wire Rope

98. Wire Rope Information

Diameter

Construction/Type

Number of Parts

.645 inch

Non Rotational

4

- 99. Rope Damage (SAT) Satisfactory
- 100. Lubrication (SAT) Satisfactory
- 101. End Connectors (SAT) Satisfactory

Main Hoist Load Block/Headache Ball/Hook

102. Capacity and Weight

Capacity

Weight

33 Tons

644 lbs

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

■ 2 parts of line

Verification and Completion

113. Inspector Name & Signature

Anthony Capozzi



114. Additional Inspection Notes

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