



Prepared for:

Sautter Crane rental

2900 Black Lake Place Philadelphia, PA 19154

Sautter Yard

on

1/25/2025

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: 086298 - S392	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
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

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Tandem Lift LLC
321 Enlow Place
Pennsville, NJ 08070
833-TANDEM1

Hydraulic Boom Crane Annual Inspection Report (1910.180 & 1926.1400)

Sautter Crane rental
2900 Black Lake Place
Philadelphia, PA 19154

FolderID: 012525S392
FormID: 23155816



Telescoping Boom Crane

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

Serial Number: 086298

Unit Number: S392

Manufacturer: Liebherr
Model: LTM 1070 4.2
Capacity: 80 Tons
Length/Lift: 164'
Type of Crane: Load Block & Hook
Number of Hoists: Main Only
Boom Configuration: Main Boom with Stowed Jib
Load Test: No

Priorities Found: ● 135 - Good

General

- | | |
|---------------------------------|------------------|
| 1. Location of Equipment | Philadelphia, PA |
| 2. Customer Sign Off | |
| 3. Hours & Mileage | |
| Hours | Mileage |
| 935 | 4,916 |
| ☞ Total hours crane and carrier | |

Inspection Information

- | | |
|----------------------|--------------|
| 4. Inspection Number | 012525S392 |
| 5. Inspection Date | 01/25/2025 |
| 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 | P10 |
| 11. Safety and Warning Decals | (SAT) Satisfactory | |
| 12. Operators Manual | (SAT) Satisfactory | |
| 13. Equipment Modification(s) or Additions | (NA) Not Applicable | |

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 |

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● 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
Chassis		
● 33.	Windshield & Wipers	(SAT) Satisfactory
● 34.	Windows & Mirrors	(SAT) Satisfactory
● 35.	PTO/Hydraulic Pump	(SAT) Satisfactory
● 36.	Hoses/Fittings/Valves	(SAT) Satisfactory
● 37.	Brakes	(SAT) Satisfactory
● 38.	Engine/Drivetrain	(SAT) Satisfactory
● 39.	Exterior Lights (Head Lights, Turn Signals, Brake Lights, Reverse Lights)	(SAT) Satisfactory
● 40.	Air Pressure	(SAT) Satisfactory
● 41.	Instruments & Gauges	(SAT) Satisfactory
● 42.	Steering	(SAT) Satisfactory
● 43.	Brakes/Parking Brake	(SAT) Satisfactory
● 44.	Driveline	(SAT) Satisfactory
● 45.	Wheels & Tires	(SAT) Satisfactory
● 46.	Chassis Frame Members	(SAT) Satisfactory
● 47.	Hydraulic Tank & Fluid Level	(SAT) Satisfactory
● 48.	Guards & Covers	(SAT) Satisfactory
● 49.	Engine	(SAT) Satisfactory
● 50.	Exhaust System/Guards/Insulators	(SAT) Satisfactory
Carrier		
● 51.	Steering	(SAT) Satisfactory
● 52.	Parking Brake	(SAT) Satisfactory
● 53.	Exterior Lights (Headlights, Turn Signals, Brake Lights, Reverse Lights)	(SAT) Satisfactory
● 54.	Windshield & Wipers	(SAT) Satisfactory
● 55.	Windows & Mirrors	(SAT) Satisfactory
● 56.	Wheels & Tires	(SAT) Satisfactory
● 57.	Engine	(SAT) Satisfactory
● 58.	Exhaust System	(SAT) Satisfactory
● 59.	Axle Lockout	(SAT) Satisfactory
● 60.	Drive Line	(SAT) Satisfactory
● 61.	Main Frame Members	(SAT) Satisfactory
● 62.	Hoses/Fittings/Valves	(SAT) Satisfactory
● 63.	Hydraulic Tank & Fluid Level	(SAT) Satisfactory
● 64.	Slip Resistant Walking Surfaces	(SAT) Satisfactory
● 65.	Steps/Ladders/Handrails	(SAT) Satisfactory
Outriggers/Stabilizers		
● 66.	Structure & Mounting	(SAT) Satisfactory

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● 67. Boxes & Beams	(SAT) Satisfactory
● 68. Cylinders	(SAT) Satisfactory
● 69. Pads/Floats	(SAT) Satisfactory
● 70. Hoses/Fittings/Valves	(SAT) Satisfactory
Operators Station	
● 71. Windows & Wipers	(SAT) Satisfactory
● 72. Cab Door Restraint	(SAT) Satisfactory
● 73. Cab Access	(SAT) Satisfactory
● 74. Steps/Ladders/Handrails	(SAT) Satisfactory
● 75. Anti-Skid Stepping Surfaces	(SAT) Satisfactory
● 76. Fire Extinguisher	(SAT) Satisfactory
● 77. Operator Horn	(SAT) Satisfactory
● 78. Controls Identified	(SAT) Satisfactory
● 79. Control Functions	(SAT) Satisfactory
● 80. Power Plant Controls	(SAT) Satisfactory
● 81. Operator Cutoff Switch (Deadman)	(SAT) Satisfactory
● 82. Brake & Clutch	(NA) Not Applicable
● 83. Travel Controls	(NA) Not Applicable
● 84. Accelerator/Throttle Control	(SAT) Satisfactory
● 85. Hoses/Fittings/Valves	(SAT) Satisfactory
● 86. Housekeeping	(SAT) Satisfactory
Upper Structure	
● 87. Turntable	(SAT) Satisfactory
● 88. Mounting	(SAT) Satisfactory
● 89. Turret	(SAT) Satisfactory
● 90. Hydraulic Pump(s)	(SAT) Satisfactory
● 91. Hoses/Fittings/Valves	(SAT) Satisfactory
● 92. Electrical Wiring	(SAT) Satisfactory
● 93. Hoist Brake	(SAT) Satisfactory
● 94. Hoist Motor	(SAT) Satisfactory
● 95. Hoist Spooling	(SAT) Satisfactory
● 96. Hoist-Minimum 2 Rope Wraps	(SAT) Satisfactory
● 97. Swing Gearbox	(SAT) Satisfactory
Rotating Upper Structure	
● 98. Structure	(SAT) Satisfactory
● 99. Engine	(SAT) Satisfactory
● 100. Exhaust System/Guards/Insulators	(SAT) Satisfactory
● 101. Hoses/Fittings/Valves	(SAT) Satisfactory
● 102. Hydraulic & Pneumatic Pumps	(SAT) Satisfactory
● 103. Hydraulic Pressure	(SAT) Satisfactory
● 104. Electrical Wiring	(SAT) Satisfactory
● 105. Ring & Pinion Gear	(SAT) Satisfactory
● 106. Swing System/Assembly	(SAT) Satisfactory
● 107. Counterweight Frame	(SAT) Satisfactory
● 108. Counterweight Mounting	(SAT) Satisfactory
Hoist System	
● 109. Brakes & Clutch System	(SAT) Satisfactory

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● 110. Wire Rope Reeving	(SAT) Satisfactory
2 partsof line	
● 111. 2 Rope Wrap Minimum	(SAT) Satisfactory
● 112. Hoist Motor	(SAT) Satisfactory
● 113. Hoses/Fittings/Valves	(SAT) Satisfactory
● 114. Drums/Lagging/Flanges	(SAT) Satisfactory
● 115. Anchor System	(SAT) Satisfactory
● 116. Hoist Spooling	(SAT) Satisfactory
Main Boom	
● 117. Lift Cylinder(s)	(SAT) Satisfactory
● 118. Telescoping Boom Cylinder(s)	(SAT) Satisfactory
● 119. Hoses/Fittings/Valves	(SAT) Satisfactory
● 120. Holding Device	(SAT) Satisfactory
● 121. Boom Sections Alignment	(SAT) Satisfactory
● 122. Wear Pads	(SAT) Satisfactory
● 123. Sheaves	(SAT) Satisfactory
● 124. Wire Rope Retainers	(SAT) Satisfactory
● 125. Boom Hinge Pin	(SAT) Satisfactory
● 126. Boom Head Section	(SAT) Satisfactory
● 127. Auxiliary Boom Head	(SAT) Satisfactory
● 128. Structure	(SAT) Satisfactory
Jib/Fly Extension	
● 129. Structure	(SAT) Satisfactory
● 130. Locking Devices	(SAT) Satisfactory
● 131. Sheaves	(SAT) Satisfactory
● 132. Wire Rope Retainers	(SAT) Satisfactory
● 133. Alignment	(SAT) Satisfactory
● 134. End Connectors & Pins	(SAT) Satisfactory
Main Drum Wire Rope	
135. Wire Rope Information	
Diameter	Construction/Type
17mm	17.7mm
	Number of Parts
	2
● 136. Rope Damage	(SAT) Satisfactory
● 137. Lubrication	(SAT) Satisfactory
● 138. End Connectors	(SAT) Satisfactory
Main Hoist Load Block/Headache Ball/Hook	
139. Capacity and Weight	
Capacity	Weight
20t	325kg
● 140. Capacity Marking	(SAT) Satisfactory
● 141. Weight Marking	(SAT) Satisfactory
● 142. Sheave(s)	(SAT) Satisfactory
● 143. Safety Latch(es)	(SAT) Satisfactory
● 144. 0° Hook Bend/Twist	(SAT) Satisfactory
● 145. 5% Hook Opening or 1/4" Max	(SAT) Satisfactory
● 146. 10% Hook Wear Max	(SAT) Satisfactory
● 147. Bearing	(SAT) Satisfactory

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● 148. Wedge Socket/End Fitting	(SAT) Satisfactory
● 149. Reeving	(SAT) Satisfactory
Verification and Completion	
150. Inspector Name & Signature	Jonathan Santimaw
	
151. Additional Inspection Notes	
● 152. Sticker Given	(Y) Yes, Given on Site



P10.1



P139.2