



Inspection Report: TELESCOPING BOOM CRANE-ANNUAL

OSHA/ANSI/ASME Standards: OSHA 1926.1400, 1910.180, 1926.601 ASME B30.5, B30.10

Date Inspected: 06/03/2022

Operation Hours: 4,884. upr

Operation Miles: 47,608.

Inspector: Steve Marquis

Inspection ID: 88.577.1654381004

Equipment Identification and Specifications

Name and Address of Owner	SHERMAN CRANE; 140 West Street , Wilmington MA 01887 USA		
Serial Number	085-403	Unit Number:	C-206
Year	2015	Manufacturer	LIEBHERR
Model	LTM-1055-3.2		
Max Capacity	see OEM load capacity chart for configuration		
Main Hoist Rope Length	722 ft		
Main Hoist Rope Diameter	15 mm		
Main Hoist Rope Type	rotation resistant		
Aux Hoist Rope Length	722 ft		
Aux Hoist Rope Diameter	15 mm		
Aux Hoist Rope Type	rotation resistant		

Did the unit pass the inspection?

☒ Yes
☐ No

Do you want to attach an annual certification to this unit?

☒ Yes
☐ No

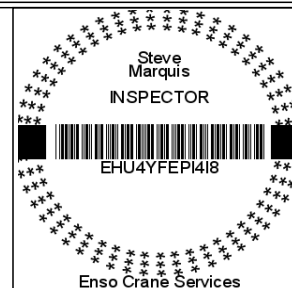
Unit Location at Time of Inspection: Wilmington, MA

GPS Tag: GPS COORDINATES UNAVAILABLE!

Inspector



Steve Marquis





Inspection Details

Type of Inspection: TELESCOPING BOOM CRANE-ANNUAL

Inspection ID: 88.577.1654381004

S=Satisfactory R=Recommendation D=Deficiency N=Not Applicable

Item	Condition	Item	Condition
TELESCOPING BOOM CRANE-ANNUAL		32. Fire Extinguisher	S
CRANE DATA		33. Gauges / Light Display	S
1. Inspection Records Daily / Monthly / Annual	S	34. Access / Grab Rails / Steps	S
2. Maintenance Records	S	35. Mirrors	S
3. Wire Rope Inspection Records	S	36. Power Take-Off	S
4. Ground Conditions	S	37. Air Pressure	S
GENERAL CONDITION		38. Horn	S
5. Sheet Metal	S	39. Accelerator	S
6. Paint Condition / Corrosion Control	S	40. Operators Manual	S
7. Guards / Covers	S	CARRIER / DRIVETRAIN COMPONENTS	
8. External Lights	S	41. Engine Mounts / Bolts	S
9. Housekeeping	S	42. Transmission Mounts / Bolts	S
10. Warning / Safety Labels	S	43. Drive Line	S
11. OSHA Approved Hand Signal Chart (outside)	S	44. U-Joints	S
POWER PLANT (LOWER)		45. Main Frame Members	S
12. Engine / Pumps Performance	S	46. Axle Mounts	S
13. Exhaust System / Guards & Insulators	S	47. Hydraulic Hoses	S
14. Belts / Pulleys	S	48. Hydraulic Tubing	S
15. Hoses	S	49. Hydraulic Fittings	S
16. Compressor Performance	S	50. Hydraulic Fluid Level	S
17. Guards / Covers for Rotating Parts	S	51. Axle Lockout System	S
18. Engine Oil Level	S	52. Differential Breathers	S
19. Transmission Oil Level	S	53. Tires / Wheels Condition	S
20. Coolant Level	S	54. Tire Inflation Pressure	S
21. Leaks	S	OUTRIGGERS	
DRIVERS CAB / STATION (LOWER)		55. Boxes	S
22. Brakes Service / Parking	S	56. Beams	S
23. Headlights / Trail Lights	S	57. Cylinders / Extensions & Stabilizers	S
24. Brake Lights / Turn Signals	S	58. Floats / Pads	S
25. Back-up Alarm / Lights	S	59. Hydraulic Hoses	S
26. Audible Warning (low air)	S	60. Hydraulic Tubing	S
27. Glass	S	61. Hydraulic Fittings	S
28. Windshield Wipers	S	62. Pilot Operated Check Valves	S
29. Heater / Defroster	S	63. Positive Position Locks	S
30. Seat Belts	S	64. Decals / Warning Labels	S
31. Steering	S	65. Beam Marking	S



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Item	Condition	Item	Condition
RATED CAPACITY CHART		97. Directional Control Valves	S
66. Correct Capacity Chart for Crane	S	98. Hydraulic Hoses	S
67. Legible / Durable	S	99. Hydraulic Tubing	S
68. Secured / Accessible to Operator	S	100. Hydraulic Fittings	S
OPERATIONAL AIDS		101. Hydraulic Pressure / Relief Valves	S
69. Boom Angle Indicator	S	102. Electric Swivel / Collector Ring	S
70. Boom Length Indicator	S	103. Electrical Wiring	S
71. Anti Two Block / Device / Warning	S	104. Swing / Slew Gearbox	S
72. LMI Make & Model		105. Slewing / Rotation Bearing	S
LICCON 2		106. Counterweight / Welds / Attachment Area	S
73. Load Moment Indicator	S	107. Safety / Warning Labels	S
74. Load Radius Indicator	S	108. Main Hoist mounting Bolts	S
75. Load Weight Indicator	S	109. Wire Rope Lay on Main Hoist	S
76. Main Hoist / Winch Rotation Indicator	S	MAIN BOOM	
OPERATORS CAB / STATION		110. Boom Length	
77. Glass / Safety Type	S	33 - 131 ft	
78. Windshield Wipers / Washers	S	111. Lift Cylinder(s)	S
79. Cab Access / Steps / Ladders	S	112. Telescoping Cylinder(s)	S
80. Hand holds / Guardrails	S	113. Holding Device / Holding Valves	S
81. Anti Slip Walking Surfaces	S	114. Hydraulic Hoses	S
82. Door Latch / Lock / Restraint	S	115. Hydraulic Tubing	S
83. Fire Extinguisher 10BC	S	116. Hydraulic Fittings	S
84. Operators Manual	S	117. Boom Wear Pads	S
85. All Safety Decals	S	118. Boom Section Alignment	S
86. Electrocution Warning	S	119. Condition of Sheaves	S
87. Level Indicator	S	120. Hoist Line Retainers / Pins	S
88. Horn	S	121. Condition of Boom Structure	S
89. Gauges / Light Display	S	122. Condition of Boom Head	S
90. Crane Function Controls	S	LOAD BLOCK AND HOOK	
91. Crane Function Controls Identified	S	INFORMATION	
92. Swing Brake / Lock	S	123. Manufacturer	
93. Low Boom Warning	S	LIEBHERR	
ROTATING SUPERSTRUCTURE		124. Serial Number	
94. Turntable / All Structural Welds	S	085-403	
95. Turntable Mounting Bolts	S	125. Rated Capacity	
96. Hydraulic Swivel	S	32 mt	
		126. Block Weight	
		280 kg	



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Item	Condition	Item	Condition
127. Hook Tram Measurement		MAIN HOIST WIRE ROPE	
duplex		INFORMATION	
ITEM		151. Damage	S
128. Capacity Marking	S	152. Wear	S
129. Weight Marking	S	153. Broken Wires	S
130. Sheave(s)	S	154. Lubrication	S
131. Safety Latch	S		
132. 0 Degree Hook Bend or Twist	S		
133. 5% Hook Throat Opening or 1/4 inch	S		
134. 10% Hook Wear	S		
135. Bearing	S		
136. Pins and Retainers	S		
OTHER NOTES			
137.			
stowed on crane			
OVERHAUL BALL AND HOOK			
INFORMATION			
138. Manufacturer			
LIEBHERR			
139. Serial Number			
085-403			
140. Rated Capacity			
6 mt			
141. Ball Weight			
195 kg			
142. Hook Tram Measurement			
ITEM			
143. Capacity Marking	S		
144. Weight Marking	S		
145. Safety Latch	S		
146. 0 Degree Hook Bend or Twist	S		
147. 5% Hook Throat Opening or 1/4	S		
148. 10% Hook Wear	S		
149. Bearing	S		
150. Wedge Socket / End Fitting	S		



Image 1





Image 2

BOSTON, MA PORTSMOUTH, NH PORTLAND, ME

P 603 781 7795

CERTIFICATION OF INSPECTION



INSPECTION DATE

6.3.22

MODEL

LTM-1055-3.2

SERIAL NO

085-403

INSPECTION STANDARD

1926.1400

WWW.ENSOCRANE.COM

CRANE INSPECTIONS, ENGINEERING, & SAFETY TRAINING



Notes

Inspection ID:88.577.1654381004

Explanation

8: GENERAL CONDITION - External Lights: LMI lights

69: OPERATIONAL AIDS - Boom Angle Indicator: accuracy confirmed with a digital level

73: OPERATIONAL AIDS - Load Moment Indicator: LMI functions as designed

74: OPERATIONAL AIDS - Load Radius Indicator: accuracy confirmed with a tape measure

75: OPERATIONAL AIDS - Load Weight Indicator: accuracy acceptable with a known weight



Annual Certification

This is to certify that the unit described below received an
TELESCOPING BOOM CRANE-ANNUAL
in accordance with

OSHA 1926.1400, 1910.180, 1926.601 ASME B30.5, B30.1

Equipment Owner: SHERMAN CRANE

Model No.: LTM-1055-3.2

Equipment Make: LIEBHERR

Serial No.: 085-403

Equipment Type: TELESCOPING BOOM CRANE

Unit Id: C-206

Inspection ID: : 88.577.1654381004

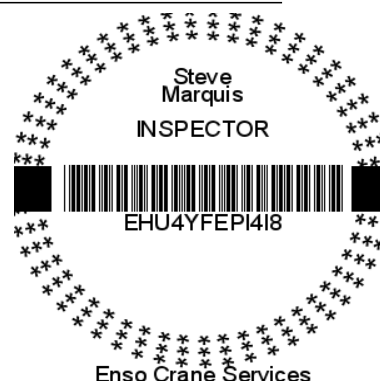
Inspected on this: 3rd (Friday) day of June, 2022

by: Enso Crane Services

23 Orchard Drive 03824 Durham(NH)

(603) 781-7795

<http://www.ensocrane.co>



This Certificate Expires One Year From The Date of Inspection Above