



Inspection Details

Type of Inspection: TELESCOPING BOOM CRANE-ANNUAL

Inspection ID: 88.577.1562029646

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



Inspection Details

Type of Inspection: TELESCOPING BOOM CRANE-ANNUAL

Inspection ID: 88.577.1562029646

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

Item	Condition	Item	Condition
RATED CAPACITY CHART		POWER PLANT (UPPER)	
66. Correct Capacity Chart for Crane	S	98. Engine / Pumps Performance	S
67. Legible / Durable	S	99. Exhaust System / Guards & Insulators	S
68. Secured / Accessible to Operator	S	100. Belts / Pulleys	S
OPERATIONAL AIDS		101. Hoses	S
69. Boom Angle Indicator	S	102. Guards / Covers for Rotating Parts	S
70. Boom Length Indicator	S	103. Engine Oil Level	S
71. Anti Two Block / Device / Warning	S	104. Transmission Oil Level	S
72. LMI Make & Model		105. Coolant Level	S
LICCON		106. Leaks	S
73. Load Moment Indicator	S	ROTATING SUPERSTRUCTURE	
74. Load Radius Indicator	S	107. Turntable / All Structural Welds	S
75. Load Weight Indicator	S	108. Turntable Mounting Bolts	S
76. Main Hoist / Winch Rotation Indicator	S	109. Directional Control Valves	S
OPERATORS CAB / STATION		110. Hydraulic Hoses	S
77. Glass / Safety Type	S	111. Hydraulic Tubing	S
78. Windshield Wipers / Washers	S	112. Hydraulic Fittings	S
79. Cab Access / Steps / Ladders	S	113. Hydraulic Pressure / Relief Valves	S
80. Hand holds / Guardrails	S	114. Electrical Wiring	S
81. Anti Slip Walking Surfaces	S	115. Swing / Slew Gearbox	S
82. Door Latch / Lock / Restraint	S	116. Slewing / Rotation Bearing	S
83. Fire Extinguisher 10BC	S	117. Counterweight / Welds / Attachment Area	S
84. Operators Manual	S	118. Safety / Warning Labels	S
85. All Safety Decals	S	119. Main Hoist mounting Bolts	S
86. Electrocution Warning	S	120. Auxiliary Hoist Mounting Bolts	S
87. Level Indicator	S	121. Wire Rope Lay on Main Hoist	S
88. Horn	S	MAIN BOOM	
89. Gauges / Light Display	S	122. Boom Length	
90. Crane Function Controls	S	33 - 131 ft	
91. Crane Function Controls Identified	S	123. Lift Cylinder(s)	S
92. Swing Brake / Lock	S	124. Telescoping Cylinder(s)	S
93. Travel Brakes	S	125. Holding Device / Holding Valves	S
94. Travel Mechanism	S	126. Hydraulic Hoses	S
95. Travel Controls	S	127. Hydraulic Tubing	S
96. Park Brake	S	128. Hydraulic Fittings	S
97. Low Boom Warning	S	129. Boom Wear Pads	S



Inspection Details

Type of Inspection: TELESCOPING BOOM CRANE-ANNUAL

Inspection ID: 88.577.1562029646

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

Item	Condition	Item	Condition
130. Boom Section Alignment	S	155. Ball Weight	
131. Condition of Sheaves	S	75 kg	
132. Hoist Line Retainers / Pins	S	156. Hook Tram Measurement	
133. Condition of Boom Structure	S	n/a	
134. Condition of Boom Head	S	ITEM	
135. Condition of Auxiliary Boom Head / Rooster	S	157. Capacity Marking	S
LOAD BLOCK AND HOOK INFORMATION		158. Weight Marking	S
136. Manufacturer		159. Safety Latch	S
LEIBHERR		160. 0 Degree Hook Bend or Twist	S
137. Serial Number		161. 5% Hook Throat Opening or 1/4	S
330710-01		162. 10% Hook Wear	S
138. Rated Capacity		163. Bearing	S
16 mt		OTHER NOTES	
139. Block Weight		164.	
195 kg		stowed on crane	
140. Hook Tram Measurement		MAIN HOIST WIRE ROPE INFORMATION	
n/a		165. Damage	S
ITEM		166. Wear	S
141. Capacity Marking	S	167. Broken Wires	S
142. Weight Marking	S	168. Lubrication	S
143. Sheave(s)	S		
144. Safety Latch	S		
145. 0 Degree Hook Bend or Twist	S		
146. 5% Hook Throat Opening or 1/4 inch	S		
147. 10% Hook Wear	S		
148. Bearing	S		
149. Pins and Retainers	S		
150. Reeving	S		
151. Wedge Socket / End Fitting	S		
OVERHAUL BALL AND HOOK INFORMATION			
152. Manufacturer			
LIEBHERR			
153. Serial Number			
910541508-E			
154. Rated Capacity			
6 mt			



Image 1





Image 2

BOSTON, MA PORTSMOUTH, NH PORTLAND, ME
P 603 781 7795



CERTIFICATION OF INSPECTION

INSPECTION DATE **7.1.19**

MODEL **LTM-1055-3.2**

SERIAL NO **085-244**

INSPECTION STANDARD **1926.1400**

WWW.ENSOCRANE.COM

CRANE INSPECTIONS, ENGINEERING, & SAFETY TRAINING



Notes

Inspection ID:88.577.1562029646

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

150: ITEM - Reeving: 2 parts



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.: 085-244

Equipment Type: TELESCOPING BOOM CRANE

Unit Id: C-164

Inspection ID: : 88.577.1562029646

Inspected on this: 1st (Monday) day of July, 2019

by: Enso Crane Services

P.O. Box 671 03821 Dover(NH)

603-781-7795

<http://www.ensocrane.com>



This Certificate Expires One Year From The Date of Inspection Above