



2022 NATIONAL NTC-60XL / 302491

Prepared for:
LOCKE CRANE SERVICES




P.O. Box 246
Chester, NH 03036

on

4/30/2023

Overview

Breakdown by Form

Form Type	 High	 Med	 Low	# Forms
Inspection	0	0	0	1
Local Acknowledgment Of Unit Examination	0	0	0	1
Overall:	0	0	0	2

Breakdown by Location

Location	 High	 Med	 Low	# Forms
Tewksbury, MA	0	0	0	2
Overall:	0	0	0	2

Breakdown by Asset

Asset Type	 High	 Med	 Low	# Assets
Boom Truck Crane	0	0	0	1
Overall:	0	0	0	1

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Inspection
LOCKE CRANE SERVICES
P.O. Box 246
Chester, NH 03036

FolderID: AI6264
FormID: 16661590



Boom Truck Crane
Completed by: Steven Marquis on 04/30/2023

Location: Tewksbury, MA
Serial #: 302491
TagID: 28
Status: In Service
Description:2022 NATIONAL NTC-60XL / 302491

Manufacturer: National
Model Number: NTC-60XL
Capacity: see OEM capacity chart
Hook Type : Load Block & Hook
Length/Lift: 36 - 151 ft

Miles and Hours

● 1. Miles	18,052
● 2. Hours	01.434
■ 1,434. LMI hours 2,196. engine hours	

General

● 3. Guards / Covers	(SAT) Satisfactory
● 4. External Lights	(SAT) Satisfactory
● 5. Warning Decals	(SAT) Satisfactory
● 6. Housekeeping	(SAT) Satisfactory
● 7. Hand Signal Chart	(SAT) Satisfactory

Historical Data

● 8. Monthly Inspection Records	(SAT) Satisfactory
● 9. Maintenance Records	(SAT) Satisfactory
● 10. Modification Records	(NA) Not Applicable
● 11. Load Test Records	(SAT) Satisfactory

Driver's Cab

● 12. Glass	(SAT) Satisfactory
● 13. Windshield Wipers	(SAT) Satisfactory
● 14. Mirrors	(SAT) Satisfactory
● 15. Fire Extinguishers	(SAT) Satisfactory
● 16. Seat	(SAT) Satisfactory
● 17. Seat Belt	(SAT) Satisfactory

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● 18. Power Take-Off	(SAT) Satisfactory
● 19. Parking Brake	(SAT) Satisfactory
● 20. Air Pressure	(SAT) Satisfactory
● 21. Instruments / Gauges	(SAT) Satisfactory
● 22. Switches / Functions	(SAT) Satisfactory
● 23. Horn	(SAT) Satisfactory
● 24. Steering	(SAT) Satisfactory
● 25. Engine Clutch	(NA) Not Applicable
● 26. Accelerator	(SAT) Satisfactory
● 27. Brake	(SAT) Satisfactory
● 28. Defroster	(SAT) Satisfactory
● 29. Operator's Manual	(SAT) Satisfactory
Truck Power Plant	
● 30. Performance	(SAT) Satisfactory
● 31. Exhaust System Guards & Insulators	(SAT) Satisfactory
● 32. Belts / Hoses	(SAT) Satisfactory
● 33. Moving Parts Guards & Covers	(SAT) Satisfactory
Chassis	
● 34. Transmission	(SAT) Satisfactory
● 35. Driveline	(SAT) Satisfactory
● 36. Tires / Wheels	(SAT) Satisfactory
● 37. Tire Air Pressure	(SAT) Satisfactory
● 38. Chassis Frame Members	(SAT) Satisfactory
● 39. Hydraulic Hoses / Tubing / Fittings	(SAT) Satisfactory
● 40. Hydraulic Fluid Level	(SAT) Satisfactory
● 41. Anti Skid Surface	(SAT) Satisfactory
● 42. Guards / Covers	(SAT) Satisfactory
● 43. Backup Alarm	(SAT) Satisfactory
Outriggers / Stabilizers	
● 44. Boxes	(SAT) Satisfactory
● 45. Beams	(SAT) Satisfactory
● 46. Cylinders	(SAT) Satisfactory
● 47. Floats / Pads	(SAT) Satisfactory
● 48. Hydraulic Hoses / Tubes / Fittings	(SAT) Satisfactory
● 49. Holding Valves	(SAT) Satisfactory
● 50. Caution / Warning Signs	(SAT) Satisfactory
Operators Station	
● 51. Grab Rails / Steps / Platforms	(SAT) Satisfactory
● 52. Door Restraint	(SAT) Satisfactory
● 53. Windows	(SAT) Satisfactory
● 54. Anti Skid Surface	(SAT) Satisfactory
● 55. Fire Extinguisher	(SAT) Satisfactory
● 56. Electrocution Warning Sign	(SAT) Satisfactory
● 57. Controls Identified	(SAT) Satisfactory
● 58. Accelerator / Throttle Control	(SAT) Satisfactory
● 59. Horn	(SAT) Satisfactory
● 60. Seat	(SAT) Satisfactory

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Load Chart

● 61. Per Configuration	(SAT) Satisfactory
● 62. Durable	(SAT) Satisfactory
● 63. Legible	(SAT) Satisfactory
● 64. Secured	(SAT) Satisfactory
● 65. Visible From Operators Station	(SAT) Satisfactory

Safety Devices / Operational Aids

● 66. Boom Angle Indicator	(SAT) Satisfactory
● 67. Boom Length Indicator	(SAT) Satisfactory
● 68. Drum Rotation Indicator	(SAT) Satisfactory
● 69. Overload Protection	(SAT) Satisfactory
● 70. Crane Level Indicator	(SAT) Satisfactory
● 71. Anti Two-Block Device	(SAT) Satisfactory
● 72. Outrigger / Stabilizer Position Sensor	(NA) Not Applicable

Upper Structure

● 73. Turntable	(SAT) Satisfactory
● 74. Mounting	(SAT) Satisfactory
● 75. Turret	(SAT) Satisfactory
● 76. Hydraulic Pump(s)	(SAT) Satisfactory
● 77. Hydraulic Hoses / Tubes / Fittings	(SAT) Satisfactory
● 78. Hydraulic Pressure	(SAT) Satisfactory
● 79. Electrical Wiring	(SAT) Satisfactory
● 80. Hoist Brake	(SAT) Satisfactory
● 81. Hoist - Motor / Valves / Lines	(SAT) Satisfactory
● 82. Hoist Spooling	(SAT) Satisfactory
● 83. Hoist - Minimum 2 Rope Wraps	(SAT) Satisfactory
● 84. Swing Gear Box	(SAT) Satisfactory
● 85. Electrocution Warning Sign	(SAT) Satisfactory

Main Boom

● 86. Lift Cylinder(s)	(SAT) Satisfactory
● 87. Telescoping Cylinder(s)	(SAT) Satisfactory
● 88. Hydraulic Hoses / Tubes / Fittings	(SAT) Satisfactory
● 89. Holding Device	(SAT) Satisfactory
● 90. Boom Sections Alignment	(SAT) Satisfactory
● 91. Wear Pads	(SAT) Satisfactory
● 92. Sheave(s)	(SAT) Satisfactory
● 93. Hoist Line Dead End	(SAT) Satisfactory
● 94. Wire Rope Retainer	(SAT) Satisfactory
● 95. Boom Hinge Pin	(SAT) Satisfactory
● 96. Boom Head Section	(SAT) Satisfactory
● 97. Structure	(SAT) Satisfactory

Jib / Extension

● 98. Positive Stops	(SAT) Satisfactory
● 99. Sheave(s)	(SAT) Satisfactory
● 100. Wire Rope Retainer(s)	(SAT) Satisfactory
● 101. Structure	(SAT) Satisfactory
● 102. Pins / Locking Devices	(SAT) Satisfactory

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Load Block & Hook

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 or 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

Wire Rope

121. Rope Damage

(SAT) Satisfactory

122. Measured Wear

(SAT) Satisfactory

16 mm / 16.27 mm

123. Broken Wires

(SAT) Satisfactory

124. Lubrication

(SAT) Satisfactory

125. End Connectors

(SAT) Satisfactory

Verification and Completion

126. Inspector Name and Signature

Steve Marquis

127. Date of Inspection

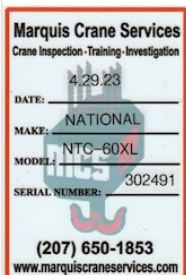
04/29/2023

128. Customer Name and Signature

LOCKE CRANE SERVICE

129. Certificate Issued

(Y) Yes



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Local Acknowledgment Of Unit Examination

LOCKE CRANE SERVICES

P.O. Box 246
Chester, NH 03036

FolderID: AI6264
FormID: 16661591



Boom Truck Crane

Location: Tewksbury, MA
Serial #: 302491
TagID: 28
Status: In Service

Manufacturer: National
Model Number: NTC-60XL
Capacity: see OEM capacity chart
Hook Type : Load Block & Hook
Length/Lift: 36 - 151 ft

Description:2022 NATIONAL NTC-60XL / 302491

Local Acknowledgment Of Unit Examination

1. OWNERS IDENTIFICATION	28
2. OWNER/EMPLOYER	LOCKE CRANE SERVICE
3. OWNERS ADDRESS	P.O. Box 246 - Chester, NH 03036
4. TYPE OF DEVICE	Crane
5. CRANE LOCATION/ ADDRESS	860 East St. - Tewksbury, MA
6. DOES UNIT CHANGE WORKSITES?	(Y) YES
7. HOUR METER	01.434
<input type="checkbox"/> 1,434. LMI hours <input type="checkbox"/> 2,196. engine hours	
8. MANUFACTURER	NATIONAL
9. MODEL	NTC-60XL
10. SERIAL NUMBER	302491
11. DESCRIPTION OF DEVICE	hydraulic boom truck
12. MAXIMUM CAPACITY PER CONFIGURATION	
<input type="checkbox"/> see OEM load capacity chart for configuration	
13. SERVICE STATUS	Hook Work
14. BOOM LENGTH & TYPE	36 - 151 ft / 5 section full power
15. LUFFING JIB LENGTH & TYPE	
16. FIXED JIB LENGTH & TYPE	36 ft / offset lattice
<input type="checkbox"/> stored at shop	
17. TOWER HEIGHT & TYPE	

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18. Proof Load Test Applied 1.1

BOOM LENGTH	BOOM ANGLE	RADIUS
96 ft	26.3	80 ft



19. Proof Load Test Applied 1.2

RATED LOAD	PROOF LOAD	% OF RATED LOAD
7,920 @ 80 ft	8,000 lbs	100

20. Proof Load Test Applied 1.3

HOIST USED	BOOM DIRECTION	LOAD CHART NUMBER
main	over side	LMI code

21. DESCRIPTION OF PROOF LOAD crane counter-weights

22. BASIS FOR ASSIGNED LOAD RATINGS OEM designed rating

23. REMARKS AND/OR LIMITATIONS IMPOSED

24. I certify that on this date, the above device was examined & tested by the undersigned or authorized representative who in their opinion, said the unit complied with the standards or requirements of OSHA: 1926.1400 and ASME B30.5 04/29/2023

25. SIGNATURE OF AUTHORIZED PERSON Steve Marquis