



Construction Mobile Crane Worksheet / Annual Certificate of Operation

A completed copy of this worksheet/annual certificate of operation must be accessible from the operator's cab or with the operator's manual, along with one being emailed within 5 days to LniCranes@Lni.wa.gov.

Owner Name	Crane Sticker Number C
Certifier Name	Certifier Number
Date of Inspection	Inspection Due Date
Owner Mailing Address	City State Zip Code
Owner Email Address	Crane Tested on Rubber ☐ Yes ☐ No
Crane Type ☐ Lattice ☐ Hydraulic ☐ Articulating ☐ Other:	
Owner ID Number	Crane Manufacturer
Crane Model Number	Crane Serial Number
Maximum Jib Length	Maximum Boom Length
Maximum Rate Capacity (in pounds)	Hour Meter Reading

Ropes	# of Parts	Diameter	No. Strands	Wires per Strand	Rotation Res.	Breaking Strength
Main Hoist					☐ Yes ☐ No	
Whip					☐ Yes ☐ No	
3 rd Hoist					☐ Yes ☐ No	
Boom					☐ Yes ☐ No	
Boom Pendants					☐ Yes ☐ No	

Any hoist line not proof load tested is not considered certified and may not be used for work. The proof test load includes the weight of (or deduction values for) the hook, block, slings, and auxiliary lifting devices (and for some cranes hoist rope not accounted for in load charts), and the combined weight deduction values must be subtracted from the nominal test load in order to determine the amount of test weights to be used.

Proof Load Tests Conducted Using (select one)

Freely suspended certified weights ☐ Yes ☐ No	Scaled weights using a certified scale with a current certificate of calibration ☐ Yes ☐ No
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Proof load tests must be to at least 100% but not to exceed 110% of rated capacity

Main or Whip, or Third Line	Boom Length (Feet)	Radius (Feet)	Boom Angle (Degrees)	Rated Capacity (Lbs.)	Total Deductions (Lbs.)	Net Rated Capacity (Lbs.)	Test Load (Lbs.)	Load Test (%)	Crane Configuration & Test Range

A safe test area must be selected and all traffic and unauthorized personnel and equipment must be cleared from the test area. This area must be roped off or otherwise secured to prevent entry. Load test personnel must understand the safety procedures of the test. Ground conditions must be able to support the crane and load. The test load must be raised only to a height sufficient to perform.

	Acceptable	NA		Acceptable	NA
1. Crane maintenance records of critical components	☐	☐	27. Hooks for deformation, cracks, wear or damage.	☐	☐
2. Shift inspections for the past 3 months/last annual	☐	☐	28. Legible and applicable operator's manual	☐	☐
3. Order of immediate restraint currently issued.	☐	☐	29. Fire extinguisher with minimum 10 BC rating	☐	☐
4. Crane level indicator	☐	☐	30. Crane cleanliness and housekeeping	☐	☐
5. Boom stops	☐	☐	31. Rope reeving in compliance with manufacturer.	☐	☐
6. Jib stops	☐	☐	32. Electrical apparatus/equipment	☐	☐
7. Foot pedal brakes have locks	☐	☐	33. Tires properly inflated and condition	☐	☐
8. Outrigger jacks & stabilizer jacks holding valve	☐	☐	34. Crane level	☐	☐
9. Horn	☐	☐	35. Operator cab windows free of cracks and damage.	☐	☐
10. Boom hoist limiting device	☐	☐	36. Rails, rail stops, rails clamps	☐	☐
11. Luffing jib limiting device	☐	☐	37. Equipment structure condition	☐	☐
12. Anti two-blocking device	☐	☐	38. Crane boom condition	☐	☐
13. Boom angle or radius indicator	☐	☐	39. Crane jib boom condition	☐	☐
14. Jib angle indicator if crane has a luffing jib.	☐	☐	40. Pins, bearings, shafts, gears, Rollers, locking devices	☐	☐
15. Boom length indicator	☐	☐	41. Brake and clutch system parts	☐	☐
16. Load weighing and similar devices	☐	☐	42. Gas, diesel, or other power plants for safe condition	☐	☐
17. Outrigger/stabilizer position sensor/monitor	☐	☐	43. Chains and drive sprockets	☐	☐
18. Hoist drum rotation indicator if drum not visible	☐	☐	44. Travel steering, brakes, and locking devices	☐	☐
19. Configuration of crane	☐	☐	45. Hydraulic and pneumatic pumps and motors	☐	☐
20. Sheaves grooves free from surface defects	☐	☐	46. Hydraulic and pneumatic cylinders	☐	☐
21. Sheave guards in place	☐	☐	47. Outrigger pads and slider pads for wear or cracks	☐	☐
22. Rigging gear inspected by a qualified person	☐	☐	48. Electrical components and wiring	☐	☐
23. All control and drive mechanisms	☐	☐	49. Legible warning labels and decals as required	☐	☐
24. Air, hydraulic, and other pressurized lines	☐	☐	50. Operator seat	☐	☐
25. Hydraulic system for proper fluid level	☐	☐	51. Steps, ladders, handrails, and guards	☐	☐
26. Safety latches on hooks	☐	☐			

☐ I hereby certify that the above inspection and tests have been conducted in accordance with the Washington State Safety Standards for Construction Operations (WAC 296-155 Part L).

Accredited Certifier Name

Accredited Certifier Signature

Date