

CRAWLER, TRUCK, AND WHEEL MOUNTED CRANES			
Contract Name and Number:		Contractor/Subcontractor:	
Government Inspector:		Location:	
Contractor Inspector:		Date:	
Equipment name and number:			
PERFORMANCE LOAD TEST RESULTS <i>(Data and results of performance test required by EM 385-1-1, Sections 16.C.13, 16.D.06a, and Appendix H)</i>			
Date:	Weight of Performance Test:	Maximum anticipated load:	
Safe Working Load:	Length of Boom:	Maximum radius at which test was performed:	
		Yes	No
		N/A	
1. Is the slow moving emblem used on all vehicles which by design move at 25 MPH or less on public roads? (08.A.04)			
2. Are seats or equal protection provided for each person required to ride on the equipment? (16.A.07a)			
3. Is equipment operating on streets and highways equipped with headlights, taillights, brake lights, back light, and turn signals (visible from front and rear)? (16.A.07b)			
4. Is all equipment equipped with operable windshield wipers, and defrosting or defogging equipment? (16.A.07c)			
5. Does the unit have an emergency brake which will automatically stop the equipment upon brake failure? Is this system manually operable from the driver's position? (16.A.07d)			
6. Is the area where the crane is to work level, firm and secured? (16.A.10)			
7. Is there a record of manufacturer's approval of any modification of equipment which affects its capacity or safe operation? (16.A.18)			
8. Is a dry chemical or carbon dioxide fire extinguisher rated at least 5-B: C on the crane? (16.A.26)			
9. Is there an effective, working reverse alarm? (16.B.01)			
10. Is there a signalperson or warning device when there is a danger to persons from moving equipment, swinging loads, buckets, booms, etc.? (16.B.02)			
11. Are all belts, gears, shafts, pulleys, sprockets, spindles, drums, flywheels, chains, or other reciprocating, rotating, or moving parts guarded? (16.B.03a)			
12. Are fuel tanks located in a manner to prevent spills or overflows from running onto engine exhaust or electrical equipment? (16.B.04)			
13. Are the following with the crane at all times: manufacturer's operating manual and a manual for any crane operator aids; load rating chart; and the crane's log book documenting operating hours, maintenance, inspections and tests? (16.C.02)			
14. During crane operation, does the operator have full view of the load and the load travel path at all times or is a signal person used? (16.C.03b)			
15. Is the crane operator designated as qualified by a source that qualifies crane operators? (16.C.04c)			
16. Is the crane operator qualified for each type of crane he/she is to operate? (16.C.05a(1))			
17. Does the operator meet the physical qualifications listed in Appendix G? (16.C.05b)			
18. Is there adequate clearance from overhead structures and electrical sources for the crane to be operated safely? (16.C.09)			

	Yes	No	N/A
19. Is there an adequate clearance maintained between moving and rotating structures of the crane and fixed objects? Minimum clearance is 16 inches. (16.C.09b)			
20. Are there at least three full wraps of cable on the drums of hoisting equipment at all times? (16.C.10a)			
21. Is a pre-operational checklist used for daily inspections? (16.C.12c)			
22. Is a written report of the performance test maintained with the crane or on site? (16.C.13c)			
23. Is riding on loads, hooks, hammers, buckets, material hoists, or other hoisting equipment prohibited? (16.C.15)			
24. Where practical are tag lines used to control loads? (16.C.16)			
25. Before making a critical lift, has a critical lift plan been prepared by a qualified person and reviewed and signed by all personnel involved with the lift? (16.C.18)			
26. Are lattice boom cranes equipped with a boom angle indicator and a load indicating device, or a load moment indicator? (16.D.01)			
27. Are lattice boom and hydraulic cranes equipped with a means for the operator to visually determine levelness? (16.D.02)			
28. Are lattice boom and hydraulic mobile cranes (except articulating booms cranes) equipped with drum rotation indicators? (16.D.03)			
29. Are lattice boom and hydraulic mobile cranes equipped with a boom angle or radius indicator within the operator's view? (16.D.04)			
30. Are lattice boom cranes, with exception of duty cycle cranes, equipped with an anti-two blocking device? (16.D.05)			
31. Has the boom stop test on cable-supported booms been performed? (16.D.06)			
32. Do the boom stops which, at the angle specified by the crane manufacturer, limit the movement of that portion of the boom below the point at which the boom stops acts on the boom? (16.D.06a)			
33. Has the crane's foundation been evaluated for stability? (16.D.07)			
34. Before the start of boom assembly and disassembly has the manufacturer's assembly and disassembly procedures been reviewed by all members of the assembly/disassembly team? (16.D.08a)			
35. Are the outriggers fully extended? (16.D.09)			
36. Unless the manufacturer has specified an on-rubber rating, are the outriggers fully extended and down? (16.D.10)			
37. Are truck and crawler cranes attached to a barge or pontoon by a slack tie down system? (16.F.08)			
38. Have load ratings been modified to reflect the increased loading from list, trim, wave, and wind action? (16.F.04c)			
39. Are all deck surfaces above the water? (16.F.05b(2))			
40. Is the entire bottom area of the barge or pontoon submerged? (16.F.04b(3))			
41. Are tie downs available and used? (16.F.04b(4))			
42. Are cranes blocked and secured? (16.F.04b(5))			
Comments:			

This checklist is based on EM 385-1-1, dated 3 November 2003. Use of this checklist is optional.