

PORTAL, TOWER, AND PILLAR CRANES			
Contract Name and Number:		Contractor/Subcontractor:	
Government Inspector:		Location:	
Contractor Inspector:		Date:	
	Yes	No	N/A
1. 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)			
2. 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)			
3. Is the crane operator designated as qualified by a source which qualifies crane operators? (16.C.04c)			
4. Is the crane operator qualified for each type of crane he/she is to operate? (16.C.05a(1))			
5. Does the operator meet the physical qualifications listed in Appendix G? (16.C.05b)			
6. 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)			
7. Are there at least three full wraps of cable on the drums of hoisting equipment at all times? (16.C.10a)			
8. Is a pre-operational checklist used for daily inspections? (16.C.12c)			
9. Is a written report of the performance test maintained with the crane or on site? (16.C.13b)			
10. Is riding on loads, hooks, hammers, buckets, material hoists, or other hoisting equipment prohibited? (16.C.15)			
11. Where practical are tag lines used to control loads? (16.C.16)			
12. Before making a critical lift, has a critical lift plan been prepared and reviewed and signed by all personnel involved with the lift? (16.C.18)			
13. Are all load bearing foundations, supports, and rail tracks constructed or installed in accordance with the crane manufacturer's recommendations? (16.E.01)			
14. Are the written erection instructions and a list of the weights of each component to be erected kept on site? (16.E.02a)			
15. Has an activity hazard analysis been developed and implemented for the erection procedures? (16.E.02c)			
16. Is there a boom angle indicator within the operator's view? (16.E.04)			
17. Are luffing jib cranes equipped with shock absorbing jib stops, jib hoist limit switch, and a jib angle indicator visible to operator? (16.E.05)			
18. If used, do rail clamps have slack between the point of attachment to the rail and the end fastened to the crane? (16.E.06)			
19. Do tower cranes weathervane when left unattended? (16.E.08)			
Comments:			

This checklist is based on EM 385-1-1, dated 3 September 1996. Use of this checklist is optional.