

RIGGING			
Contract Name and Number:		Contractor/Subcontractor:	
Government Inspector:		Location:	
Contractor Inspector:		Date:	
Equipment name and number:			
	Yes	No	N/A
1. Has all defective rigging been removed? (15.A.01b)			
2. Is rigging stored properly? (15.A.01d)			
3. Are running lines within 6 feet 6 inches of the ground or working level guarded? (15.A.03)			
4. Are all eye splices made in an approved manner with rope thimbles? (15.A.04)			
5. Are positive latching devices used to secure loads? (15.A.05)			
6. Are all custom lifting accessories marked to indicate their safe working loads and proof-tested to 125% of their rated load? (15.A.07)			
7. Is wire rope removed from service or resocketed when two wires are broken or rust or corrosion is found adjacent to a socket or end fitting? (15.B.01)			
8. Is defective wire rope cut up or marked as unusable? (15.B.02)			
9. Do wire rope clips attached with U-bolts have the U-bolts on the dead or short end of the rope? (15.B.03)			
10. Are protruding ends of strands in splices on slings and bridles covered or blunted? (15.B.05)			
11. Except for eye splices in the end of wires and for all endless wire rope slings, do all wire ropes used in hoisting, lowering, or pulling loads consist of one continuous piece, free of knots or splices? (15.B.06)			
12. Do all eye splices have at least 5 full tucks? (15.B.06a)			
13. When using chain, is only alloyed chain used in rigging? (16.C.01)			
14. Do all coupling links or other attachments have rated capacities at least equal to that of the chain? (15.C.03)			
15. Are job or shop hooks and links, makeshift fasteners formed from bolts and rods, and other similar attachments restricted from use? (15.C.04)			
16. Are all fiber ropes protected from freezing, excessive heat or corrosive materials? (15.D.01)			
17. Are all fiber ropes protected from abrasion by padding (15.D.02)?			
18. Are all splices in rope slings made in accordance with the manufacturer's recommendations? (15.D.03)			
19. Do all eye splices in manila rope contain at least 3 full tucks and do all short splices contain at least 6 full tucks(3 on each side of the centerline of the splice)? (15.D.04a)			
20. Do the tails of fiber rope splices extend at least 6 rope diameters (for rope 1" diameter or greater) past the last full tuck? (15.D.05a)			
21. Are all eye splices large enough to provide an included angle of not greater than 60° at the splice when the eye is placed over the load or support? (15.D.06)			
22. Is protection provided between the sling and sharp surfaces? (15.E.02)			
23. Do all wire rope slings have minimum length of clear wire rope equal to 10 times the diameter between each end fitting or eye splice? (15.E.04a)			

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

RIGGING (con.)

	Yes	No	N/A
24. Do all braided slings have a minimum clear length of braided body equal to 40 times the diameter of component ropes between each end fitting or eye splice? (15.E.04b)			
25. Do all welded alloy steel chain slings have affixed permanent identification stating size, grade, rated capacity and manufacturer? (15.E.05)			
26. Is each synthetic web sling marked or coded to show the name or trademark of the manufacturer, rated capacities for each type hitch, and the type material? (15.E.06)			
27. Are drums, sheaves, and pulley smooth and free of surface defects? (15.F.01)			
28. Is the ratio between the diameter of the rigging and the drum, block sheave or pulley thread diameter such that the rigging will adjust without excessive wear, deformation, or damage? (15.F.02)			
29. Have all damaged drums, sheaves and pulleys been removed from service? (15.F.04)			
30. Are all connections, fittings, fastenings, and attachments used with rigging of good quality, of proper size and strength, and installed in accordance with the manufacturer's recommendations? (15.F.05)			
31. Are all shackles sized properly? (15.F.06)			
32. Are hoisting hooks rated at 10 tons or greater provided with safe handling means? (15.F.07c)			
33. Do all drums have sufficient rope capacity? (15.F.08a)			
34. Is the drum end of the rope anchored by a clamp securely attached to the drum in a manner approved by the manufacturer? (15.F.08c)			
35. Do grooved drums have the correct groove pitch for the diameter of the rope and is the groove depth correct? (15.F.08d)			
36. Do the flanges on grooved drums project beyond the last layer of rope at a distance of either 2" or twice the diameter of the rope, whichever is greater? (15.F.08d(1))			
37. Do the flanges on ungrooved drums project beyond the last layer of rope a distance of either 2.5" or twice the diameter of the rope, which ever is greater? (15.F.08d(2))			
38. Are the sheaves compatible with the size of rope used and as specified by the manufacture? (15.F.09a)			
39. Are sheaves properly aligned, lubricated, and in good condition? (15.F.09b)			
40. When rope is subject to riding or jumping off a sheave, are sheaves equipped with cable keepers? (15.F.09c)			
41. Are eye bolts loaded in the plane of the eye and at angles less than 45° to the horizontal? (15.F.10b)			
Comments:			

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