

MACHINERY AND MOBILE EQUIPMENT (BACKHOES, DOZERS, SCRAPERS, EXCAVATORS, LIFT TRUCKS, etc.)					
Contract Name and Number:		Contractor/Subcontractor:			
Contractor Competent Person:		Location:			
Government Quality Assurance Rep:		Date:			
Equipment name and number:					
Complete one checklist for each piece of equipment.			Yes	No	N/A
1. Has machinery or mechanized equipment been inspected and tested by a competent person before being placed in use? (16.A.01)					
2. Are daily/shift inspections done by a competent person? (16.A.01)					
3. Are records of tests and inspections maintained on the site and made available upon request? (16.A.01 and 02)					
4. Is machinery or equipment operated only by designated personnel? (16.A.04)					
5. Are operators able to read and understand signs, signals, and operating instructions in use? (01.A.03)					
6. When machinery or equipment is found to be unsafe is the equipment immediately taken out of service and its use prohibited until unsafe conditions have been corrected? (16.A.03)					
7. Is all maintenance (including preventive maintenance) and repairs done in accordance with the manufacturer's recommendations and is it documented? (16.A.08a)					
8. Are seats or equal protection provided for each person required to ride on the equipment? (16.A.07a)					
9. 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)					
10. Is all equipment equipped with operable windshield wipers, and defrosting or defogging equipment? (16.A.07c)					
11. Is a notice of minimum required clearance for high voltage lines posted at the operator's position when operations are adjacent to overhead lines? (11.E.04b)					
12. Have bulldozer and scraper blades, end-loader buckets, dump bodies, and similar equipment been fully lowered or blocked when being repair or when not in use? (16.A.09)					
13. Has adequate ventilation been provided when equipment powered by internal combustion engines is operating in enclosed areas? (16.A.12)					
14. Are adequate clearances maintained between moving and rotating structures of the crane and fixed objects to allow personnel to pass without harm? Minimum of 16 inches (16.C.09b)					
15. Is all mechanized equipment shut down before and during refueling? (16.A.14)					
16. Are all hose connections to piledriver hammers, pile ejectors, air compressors equipped with a safety lashing? (16.I.05)					
17. Have the wheels been chocked or track mechanisms blocked and the parking brake set when equipment is parked on an incline? (16.A.17b)					

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

MACHINERY AND MOBILE EQUIPMENT (con.)

	Yes	No	N/A
18. Are personnel prohibited from working or passing under or riding in the buckets or booms of loaders in operation? (16.A.24)			
19. Does the equipment have a dry chemical or carbon dioxide fire extinguisher with a minimum rating of 5-B: C? (16.A.26)			
20. Are fueling cans used with this equipment approved type safety cans? (09.B.15)			
21. 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)			
22. Are all belts, gears, shafts, pulleys, sprockets, spindles, drums, flywheels, chains, or other reciprocating, rotating, or moving parts guarded? (16.B.03a)			
23. Is there an effective, working reverse alarm? (16.B.01)			
24. Are platforms, footwalls, steps, handholds, guardrails, and toe boards designed, constructed, and installed on machinery and equipment to provide safe footing and access ways? (16.B.03d)			
25. The contractor shall furnish proof from the manufacturer or certification from a licensed engineer that the rollover protective structure complies with the following SAE standards. J 104c-Performance Criteria for Rollover Protective Structures (ROPS) for Construction, Earthmoving, Forestry, and Mining Machines or J 1042-Operator Protection for Industrial Equipment			
26. Are running boards and steps of vehicles provided with non-slip surfaces? (18.A.06h)			
27. Are seatbelts installed and worn in all motor vehicles? (16.B.08)			
28. Is protection (grills, canopies, screens) provided to shield operator from falling or flying objects? (16.B.10 and .11)			
29. Is all glass in windshields, windows, and doors safety glass? (18.A.07)			
30. Has all cracked or broken glass been replaced? (18.A.07)			
31. Are all tail-gate dumping devices so arranged that the operator will be clear while dumping load? (18.A.10d)			
32. Is air pressure gauge in operative condition on equipment with air brakes? (20.A.12)			
33. If equipment is to operate on airfield landing areas, is it equipped with proper flags and lights of proper size and color? (32.A.09) (32.A.10)			
34. Are cables for electrically powered equipment in good condition? (11.E.01c)			
<p>Comments: Whenever ant machinery or equipment is found to be unsafe, or when a deficiency which effects the safe operation is observed, the equipment shall be immediately taken out of service and its use prohibited until unsafe conditions have been corrected. (16.A.03)</p> <p align="center">A tag indicating that the equipment shall not be operated, and that tag shall not be removed, shall be placed in a conspicuous location on the equipment. (16.A.03a)</p> <p align="center">When corrections are, the machinery or equipment shall be <u>retested and reinspected</u> before being returned to serviced. 16.A.03c)</p>			

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