

MACHINERY AND MOBILE EQUIPMENT (BACKHOES, DOZERS, SCRAPERS, EXCAVATORS, LIFT TRUCKS, etc.)					
Contract Name and Number:		Contractor/Subcontractor:			
Government QA Person:		Location:			
Contractor Inspector:		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 IAW manufacturer's recommendation and certified in writing by a competent person to meet manufacturer's recommendation and requirements of EM-385 (16.A.01)					
2. Machinery inspected daily/shift by designated competent person and records available upon request? (16.A.01 and .02)					
3. When machinery or equipment is found to be unsafe or when a deficiency which affects the safe operation of equipment is observed, is the equipment immediately taken out of service and its use prohibited until unsafe conditions have been corrected? (16.A.03)					
4. Is machinery or equipment operated only by designated qualified personnel? (16.A.04)					
5. Have inspections or determinations of road and shoulder conditions and structures been made in advance to assure that clearances and load capacities are safe for the passage or placing any machinery or equipment? (16.A.06)					
6. Are seats or equal protection provided for each person required to ride on the equipment? (16.A.07a)					
7. 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)					
8. Is all equipment equipped with operable windshield wipers, and defrosting or defogging equipment? (16.A.07c)					
9. 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)					
10. Is all maintenance (including preventive maintenance) and repairs done in accordance with the manufacturer's recommendations and is it documented? (16.A.08a) Records available upon request?					
11. Has 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)					
12. Has adequate ventilation been provided when equipment powered by internal combustion engines is operating in or near enclosed areas? (16.A.12)					
13. Are all vehicles which will be parked or moving slower than normal traffic on haul roads equipped with a yellow flashing light or four way flasher visible from all directions? (16.A.13)					
14. Is all mechanized equipment shut down before and during refueling? (16.A.15)					
15. Are all towing devices used on any combination of equipment structurally adequate for the weight drawn and securely mounted? (16.A.16a)					
16. Have all modifications that affect the capacity of machinery or equipment been made manufacturer's written approval? (16.A.19)					

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

MACHINERY AND MOBILE EQUIPMENT (con.)

	Yes	No	N/A
17. Are personnel prohibited from working or passing under or riding in the buckets or booms of loaders in operation? (16.A.32)			
18. Does all equipment has a dry chemical or carbon-dioxide fire extinguisher with a minimum rating of 5-B: C? (16.A.34)			
19. Verify all powered industrial truck operators are trained and authorized to operate equipment. (16.A.24) Training certified IAW 29 CFR 1910.178 Certification includes; a. Name of operator b. Date of training c. Date of the evaluation d. Identification of the trainer(s) e. Refresher training provided as indicated by the standard.			
20. Have forks been fully lowered when left unattended? (16.A.25)			
21. Is a overhead guard provided for falling objects? (16.A.26)			
22. Operator aware of the requirement for ascending or descending grades in access of 10% all powered – industrial trucks must be driven with the load upgrade? (16.A.30)			
23. Is there an effective, working reverse alarm? (16.B.01)			
24. 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)			
25. Are all belts, gears, shafts, pulleys, sprockets, spindles, drums, flywheels, chains, or other reciprocating, rotating, or moving parts guarded? (16.B.03a)			
26. Is protection against hot surfaces, exhausts, etc., provided? (16.B.03b)			
27. Are platforms, footwalks, steps, handholds, guardrails, and toeboards designed, constructed, and installed on machinery and equipment to provide safe footing and accessways? (16.B.03d)			
28. Are fuel tanks located in a manner to prevent spills or overflows from running onto engine exhaust or electrical equipment? (16.B.04)			
29. Are exhaust or discharges from equipment directed so they do not endanger persons or obstruct operator vision? (16.B.05)			
30. Are seatbelts installed and worn in all motor vehicles? (16.B.08)			
31. Is protection (grills, canopies, screens) provided to shield operator from falling or flying objects? (16.B.10 and .11)			
32. Is roll over protection provided? (16.B.12)			
33. Has all welding on ROPS been performed by certified welders? (16.B.12g)			
Comments:			

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