

**MACHINERY AND MOBILE EQUIPMENT  
(BACKHOES, DOZERS, SCRAPERS, EXCAVATORS, LIFT TRUCKS, etc.)**

Contract Name and Number:	Contractor/Subcontractor:
Government QA:	Location:
Contractor Inspector:	Date:

Equipment name and number:

<b>Complete one checklist for each piece of equipment.</b>	<b>Yes</b>	<b>No</b>	<b>N/A</b>
1. Before placing machinery or mechanized equipment in use has it been inspected and tested in accordance with the manufacturer's recommendations and requirements of EM-385 and certified in writing by a competent person? (16.A.01)			
2. Are initial and daily/shift inspection and tests records available and all safety devices in place and functional and GDA notified so spot checks may be conducted? (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 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)			
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 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 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.16)			
16. Have the wheels been chocked or track mechanisms blocked and the parking brake set when equipment is parked on an incline? (16.A.18)			
17. Are only trained and authorized operators permitted to operate a powered-industrial truck? (16.A.24)			
18. Is training documented, certified and provided in accordance with OSHA 29 CFR 1910.178			
19. Are personnel prohibited from working in, or passing under or ride in the buckets or booms of loaders in operation? (16.A.24)			
20. Does the unit have a dry chemical or carbon-dioxide fire extinguisher with a minimum rating of 5-B: C? (16.A.34)			
21. Is there an effective, working reverse alarm? (16.B.01)			
22. 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)			
23. Are all belts, gears, shafts, pulleys, sprockets, spindles, drums, flywheels, chains, or other reciprocating, rotating, or moving parts guarded? (16.B.03a)			

MACHINERY AND MOBILE EQUIPMENT (con.)	Yes	No	N/A
24. Is protection against hot surfaces, exhausts, etc., provided? (16.B.03b)			
25. 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)			
26. Are fuel tanks located in a manner to prevent spills or overflows from running onto engine exhaust or electrical equipment? (16.B.04)			
27. Are exhaust or discharges from equipment directed so they do not endanger persons or obstruct operator vision? (16.B.05)			
28. Are seatbelts installed and worn in all motor vehicles? (16.B.08)			
29. Is protection (grills, canopies, screens) provided to shield operator from falling or flying objects? (16.B.10 and .11)			
30. Is roll over protection provided? (16.B.12)			
31. Has machinery or mechanized equipment been inspected and tested in accordance with manufacturer's recommendations and requirements of EM-385? (16.A 01)			
32. Does the Prime Contractor have record of tests and inspection?			
33. Is the slow moving emblem used on all vehicles which by design move at 25 mph or less on public roads? (08.A.05m)			
<b>Changes 0002 &amp; 0003 to EM-385 posted on USACE website (30 June 2005) applies to all contracts awarded after that date</b>			
EXCAVATOR EQUIPMENT USED AS HOISTING EQUIPMENT ON CONTRACTS AWARDED SINCE JUNE 2005 SHALL FOLLOW NEW EM-385 SECTION 16.N.01 REQUIREMENTS BELOW:			
34. WRITTEN PROOF OF QUALIFICATION OF EQUIPMENT OPERATORS, RIGGERS INVOLVED IN HOISTING, TRANSPORTING OPERATIONS?			
35. OPERATIONAL TEST PERFORMED WITH EQUIPMENT?			
36. MANUFACTURERS OPERATING MANUAL WITH EQUIPMENT?			
37. MANUFACTURERS LOAD RATING CHART?			
38. PROPER USE OF RIGGING, INCLUDING POSITIVE LATCHING DEVICES?			
39. INSPECTION OF RIGGING			
40. COMMUNICATION BETWEEN WORKERS INVOLVED?			
41. USING TAG LINES?			
42. BARRICADE SWING RADIUS OF EQUIPMENT AND LOAD?			
43. SURFACE BENEATH EQUIPMENT STABLE?			

Competent Person Signature \_\_\_\_\_

DATE OF INSPECTION \_\_\_\_\_

COMMENTS: \_\_\_\_\_

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