

| SAFETY INSPECTION FOR MISCELLANEOUS EQUIPMENT U.S. Army Engineer District, New Orleans | | Date of Inspection: | | |
|--|--|--------------------------|----|-----|
| Contractor or Unit | | Contract No. Or Activity | | |
| Inspected by (Signature) | | Witness (Signature) | | |
| CRAWLER MOUNTED BACKHOES, POWER SHOVELS, EXCAVATORS, FRONT-END LOADERS NOTE: Safety and Health Requirements Manual (EM385-1-1, Sep 08) references in parentheses. | | Yes | No | N/A |
| 1. Does the operator have a valid license/permit/certificate for the equipment being operated? (18.A.02) | | | | |
| 2. Are inspections, tests, maintenance, & repairs being conducted by a qualified person? (18.A.03.a) | | | | |
| 3. Is equipment being inspected by a qualified mechanic before initial use (one time inspection)? (18.A.03.b.) and (18.G.02) | | | | |
| 4. Is the operator's cab clean and free from tools, cans, and dirt etc. and checked daily! (18.A.03.c. and 01.A.01) | | | | |
| 5. Are applicable safety devices, accessories, and parts/equipment in a safe operating condition & free of damage: (18.A.03.e.) (1) Service brake, including trailer brake connections; (2) Parking brake, or hand brake; (3) Emergency stopping system; (4) Tires; (5) Horns; (6) Steering mechanism; (7) Coupling devices; (8) Seat belts; (9) Operating Controls; (10) Backup alarms and lights, fire extinguishers, first aid kits, etc.; and (11) Lights, reflectors, windshield wipers (18.G.09.h.), and defrosters where equipment is warranted. | | | | |
| 6. Is the backup alarm audible and sufficiently heard above the surrounding noise level, automatically commencement on backward motion, and continuous with intermittent, not to exceed 3-second intervals? (18.B.01.b.-c.) | | | | |
| 7. Are moving parts, shafts, sprockets, belts, etc., guarded? (18.B.03.a.) | | | | |
| 8. Is protection against contact with hot surfaces, exhaust, etc., provided? (18.B.03.b.) | | | | |
| 9. Are platforms, foot walks, steps, handholds, guardrails, toe boards, and hand grabs designed, constructed, and installed properly with non-slip working surfaces? (18.B.03.d.-e.) | | | | |
| 10. Is there suitable protection against the elements, falling, or flying objects, swinging loads, and similar hazards? (18.B.11) (18.C.16.c.) | | | | |
| 11. Is equipment equipped with guards, canopies, grills, and/or Falling Object Protective Structures (FOPS) certified by the manufacture or a licensed engineer? (18.B.12.a.-c) | | | | |
| 12. Does equipment have positive stops or limiting device either on the equipment, rails, tracks, or trolleys to prevent overrunning safe limits? (18.B.15) | | | | |
| 13. Are prohibited behaviors such as eating, drinking, smoking, and/or using GPS systems, portable headphones, earphones, or other listening devices being observed during operations of equipment? (18.C.01.a.-d.) | | | | |

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| 14. Are fuel tanks located in a manner to prevent spills or overflows from running onto engine exhaust or electrical equipment? (18.B.05) | | | |
| 15. Are exhaust discharges from equipment so directed that they do not endanger persons or obstruct the view of the operator? (18.B.06) | | | |
| 16. Are test and inspection records kept and made available as a part of the official project file? (18.G.02.a.) | | | |
| 17. Are there any modifications or additions made that affect the capacity or safe operation of machinery without the written approval of the manufacture? (18.G.03) | | | |
| 18. Is the seat in good condition and seat mechanism in working order? (18.G.09.f.) | | | |
| 19. Are sufficient lights provided for night operators? (18.G.13) | | | |
| 20. Is equipment equipped with substantial track scrapers or track cleaners (effective in both directions) on each wheel or set of wheels? (18.G.17) | | | |
| 16. Are bumpers, railings, tracks, etc. provided to prevent machinery and equipment operating on floating plants from going into the water? (18.G.19) | | | |
| 17. Are controls of loaders, excavators, or similar equipment with folding booms or lift arms operated from a ground position (unless so designed)? (18.G.20) | | | |
| 18. Is the unit equipped with a suitable fire extinguisher (10-B:C)? (18.G.23) | | | |
| 19. If the equipment is being used to transport or hoist loads utilizing hooks, eyes, slings, chains, or other rigging are the following requirements met: (16.S.03) a. An AHA specific to the transporting or hoisting operation shall be prepared, approved by the GDA, and include; (1) Written proof of qualifications of equipment operator, riggers, and others involved in the operations; (2) An operational test in accordance with ANSI/ASME and the manufactures recommendations and conducted by a qualified person; (3) Operating procedure in accordance with the manufactures operating manual; (4) Load rating capacities or charts based on manufacture operating manual; (5) Procedures for use of rigging, including positive latching devices; (6) Inspection of rigging; (7) Use of tag lines to control load; (8) Adequate communication; (9) Establishment of a sufficient swing radius; and (10) Stability of surfaces beneath the hydraulic excavating equipment. b. An operational test performed in the presence of the GDA; c. All rigging and rigging operations shall comply with EM 385-1-1 section 15. (Hooks, eyes, slings, chains, or other rigging shall NOT be attached to or hung from the teeth of a bucket. d. If an repairs, reconfigurations, or modifications are made, during operations, another operational test in accordance with EM 385-1-1 Section 16.F shall be performed to demonstrate that the completed repairs are satisfactory. | | | |
| 20. Have air tanks been tested and certified? (20.A.01.a-d) | | | |
| 21. Is an air pressure gage in working condition installed on the unit? (20.A.12) | | | |
| 22. Does the air tank have an accessible drain valve? (20.B.18) | | | |
| 23. Are pressurized cylinders, actuating booms, outriggers, etc., equipped with pilot check valves? (20.A.18) | | | |

REMARKS: