

MODULE 3-06 TRENCHERS AND EXCAVATIONS TEST

I. Multiple Choice

Any staff person who is preparing to do trenching or shoring must know below-ground soil disturbance can cause damage to sensitive plant or animal species and could disturb cultural resources.

Get authorization for such activity from the Park Manager. Know before starting that soil disturbance area has been reviewed, is authorized, and is truly necessary.

1. When doing pre-inspection you look for:
 - a) Bent/broken cutters.
 - b) Un-serviceable Chain digger bar.
 - c) Flat tires.
 - d) Broken welds.
 - e) Oil leaks.
 - f) All of the above.

2. When operating the trencher, what PPE needs to be used?
 - a) Eye protection, respirator, and hardhat.
 - b) Hearing protection, hardhat, and gloves.
 - c) Visibility vest, eye protection, hearing protection, gloves and hard hat if risk of objects falling on head.
 - d) None of the above.

3. When conducting a site assessment, you need to:
 - a) Check for surface and overhead hazards.
 - b) Mark all known underground water, sewer, and electrical lines.
 - c) Contact the public information office for location of water, sewer and electrical lines
 - d) Evaluate nearby building structures, water table, traffic flow and weather projection for date of excavation
 - e) All the above
 - f) A, b, d only

II. True/False

4. _____ **In any excavation more than 3 feet deep**, employees must be protected by sloping or benching the sides of the excavation, supporting the sides of the excavation, or placing a shield between the side of the excavation and the work area.

5. _____ Before any sloping, benching, or support system is selected, a competent person must classify the soil type.

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6. _____ You don't need to check the fuel or oil level in the trencher before you start because the person who used it last is supposed to do that.
7. _____ You need to check the hand and foot brakes prior to operation.
8. _____ When conducting a site assessment, the slope, soil type and grade of the work site is not important.
9. _____ You should run the engine at full throttle when trenching.
10. _____ Benching and shielding are essential parts of excavation work. Employees must have adequate seating and privacy shielding for workers to take breaks according to OSHA rules on excavations.
11. _____ You should set barricades or flag off the area to be trenched.
12. _____ You don't need to do a walk around inspection of the trencher prior to start up because the person who used it last was supposed to check it before putting it back.
13. _____ When you complete an excavation, you should re-seed, or replace asphalt and attempt to restore the area to its original condition (or better).
14. _____ The Oregon Utility Notification Center's primary role is to notify us when power/ gas/ fiber optic cables/ telephone and other underground lines are severed so OPRD trencher and backhoe operators can make clean and fast cuts through the terrain and save OPRD money.
15. _____ If you discover cultural artifacts in areas previously cleared **YOU MUST CEASE WORK IMMEDIATELY AND CONTACT PARK MANAGER.**
16. _____ Hazardous atmospheres can also occur near old landfills, primitive or pit toilets, sewer lines and confined spaces.