

EXCAVATOR OPERATOR TEST

1. The excavator operator is to have read and understood the operator's manual prior to operating the machine.
 - a. True
 - b. False
2. When an excavator is used for lifting objects, the operator is required to follow the same standards as for cranes.
 - a. True
 - b. False
3. When trenching with an excavator, who is allowed in the trench when excavating is taking place?
 - a. The grade checker
 - b. The foreman
 - c. Laborers
 - d. No one is allowed
4. At the start of each shift, the operator must:
 - a. Check the engine fluid levels
 - b. Check the hydraulic system and check valves
 - c. Test all controls for proper function
 - d. All of the above
5. The lifting capacity of the excavator can be determined by
 - a. Making a test lift
 - b. Lift as much as you can until the excavator begins to tilt
 - c. Consult the load chart in the operator's manual
 - d. There is no way of knowing
6. As a load is lifted and moved away from the excavator, the machine's lifting capacity
 - a. Increases
 - b. Decreases
7. When approaching the edge of an excavation where the soil is loose and unstable, the excavator should be situated with the tracks
 - a. Perpendicular (90°) to the edge of the excavation
 - b. Parallel to the edge of the excavation
8. When unloading an excavator from a transporter, it is best to
 - a. Have the bucket in front of the machine's direction of travel and the bucket close to the ground
 - b. Have the bucket in back of the machine's direction of travel
 - c. It doesn't matter

9. The glass in the cab needs to be cleaned regularly and all cracked glass replaced.
 - a. True
 - b. False
10. A fire extinguisher should be in the cab of the excavator at all times.
 - a. True
 - b. False
11. When operating the excavator in congested areas, the operator is responsible for establishing a safety barrier around the machine.
 - a. True
 - b. False
12. Missing or illegible warning labels are not required to be replaced.
 - a. True
 - b. False
13. When climbing on or off an excavator, the operator should always be facing the machine.
 - a. True
 - b. False
14. If any part of the excavator comes in contact with a live power line, what should those on the ground do?
 - a. Carefully walk to the operator and help the operator off the machine
 - b. Hook onto the excavator and pull it out from the power lines
 - c. Keep people away from the area surrounding the excavator
 - d. Throw a rope to the operator so he can be dragged away from the excavator.
15. When lifting a load with the excavator, who is authorized to be under it at any given time?
 - a. No one is allowed under the load
 - b. Only those in the trench are allowed under a load
 - c. Only those with hard hats on
 - d. Only the people who rigged the load.
16. If any part of the excavator comes in contact with a live power line, what should operator NOT do.
 - a. Immediately climb down from the machine
 - b. Remain seated and avoid touching any part of the machine until the power is turned off
 - c. Signal others to stay away from the machine
 - d. Jump from the machine only if it is on fire.

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17. When excavating a trench, the spoil need to be placed a minimum of _____ feet from the trench edge.
- 1 foot
 - 2 feet
 - 3 feet
 - 4 feet
18. The operator can leave the excavator with a load suspended.
- True
 - False
19. Before excavating where utilities are likely to be buried, the operator should contact the:
- Fire department
 - Sheriff department
 - One-Call center
 - Water department
20. The operator is responsible for determining if the ground he is working on is stable enough to support the weight of the excavator.
- True
 - False
21. When an excavator is working on a slope, the machine is more susceptible to a rollover.
- True
 - False
22. Who is responsible for seeing that the operator is fit to operate the excavator?
- The operator
 - OSHA
 - No one
23. The machine can be operated with some of the safety guards missing.
- True
 - False
24. Who is responsible for job site safety?
- Job site foreman
 - Everyone
 - Company safety officer.
25. The danger area when the excavator is in operation is considered everywhere the backhoe can reach.
- True
 - False

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26. When attaching a sling to the attachment points on the backhoe, a shackle should be used.
- True
 - False
27. Chains run over sharp edges during lifting can be easily damaged.
- True
 - False
28. The transport vehicle's wheels are not required to be blocked when loading an excavator.
- True
 - False
29. Tie-down chains are not required for securing the excavator to a transport vehicle.
- True
 - False
30. When trenching in previously used areas, the operator should be aware of the location of the trench.
- More likely to occur
 - Less likely to occur
 - Not a concern to the operator
31. When working around a backhoe, the worker should always face the machine.
- True
 - False
32. Before a worker enters the danger area of an excavator, he should
- Make sure he can get in and out without being hit by the excavator
 - Establish eye contact with the operator
 - Yell before entering