

**Pre-Course Assessment**

Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Structural ramps used solely by employees as a means of access and egress from excavations shall be designed by a:
2. Qualified Engineer
3. Competent Person
4. Architect
5. Employees
6. Excavations must be inspected daily by an Authorized Person.
7. True
8. False
9. A “Trench Shield”, commonly known as a “Trench Box” in the field, is an engineered system designed to protect those who are working in a trench.
10. True
11. False
12. A Trench and an Excavation is the same thing:
13. True
14. False
15. Excavations greater than \_\_\_\_\_ ft. shall be tested before employees enter where potentially \_\_\_\_\_\_\_\_\_\_\_\_\_\_ atmospheres could reasonably exist.
16. 4’, Hazardous
17. 4’, Ambient
18. 6’, Hazardous
19. 6’, Ambient
20. The bottom of a trench shield (trench box) should be no more than \_\_\_\_\_\_ ft. above the bottom of the trench or excavation?
21. 5’
22. 3’
23. 1’
24. 2’
25. \_\_\_\_\_\_\_\_\_\_\_ cause/causes the most deaths in excavations.
26. Underground utilities
27. Water accumulation
28. Cave ins
29. Heavy equipment
30. In excavations deeper than 4’ a means of exit \_\_\_\_\_\_\_\_\_.
31. Is not needed
32. Must be located within 100’ of workers
33. Must be located within 200’ of workers
34. Must be located within 25’ of workers
35. Which of the following statements is not true about Type C soil:
36. If type is unknown, you should assume all soil is Type C
37. If sloped, it requires an angle of 34°
38. It can be benched
39. Type C soil is usually very loose and prone to cave in
40. \_\_\_\_\_\_\_\_\_\_\_\_\_\_ involves angling back the material in a continuous plane.
41. Shoring
42. Shielding
43. Sloping
44. Benching