



TRENCHING AND EXCAVATION SAFETY TRAINING

Name FRED MEADE Date 5-5 Score 100%

(Please circle the correct answer)

1. T or F A Competent Person is defined as someone who understands protective systems but is unable to recognize hazards in a trench.
2. T or F Type C soil is to be benched at 1:1 or 45 degrees.
3. Scenario: A trench is 10 feet deep and 3 feet wide at the bottom. If you have Type B soil and slope the side walls, the trench should be at least how wide at the top?
 - a. 6'
 - b. 20'
 - c. 23'
 - d. 26'
4. T or F The four protective systems that can be used in a trench are sloping, benching, shoring, and shielding.
5. In the standard utility marking colors, gas is marked in what color?
 - a. Red
 - b. Yellow
 - c. Blue
 - d. White
6. T or F A trained spotter must be used when digging around underground utilities.
7. T or F Water must be removed from a trench before workers can enter the trench.
8. T or F A means of egress is required in a trench if the trench is at least 5' deep.
9. T or F A trench needs a protective system if it is 5' or deeper or if it unsafe at any depth.
10. T or F Type A soil must be downgraded to Type B soil if the soil is subject to vibration.

(All questions and answers were reviewed with attendees)