

## 15.A: Review Questions

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Complete as directed.

Fill in the Blanks:

1. Trenches are narrow excavations may below the surface of the ground. Generally, the depth of light trench is greater than the width, but the width of the trench is not greater than \_\_\_\_\_ feet.
2. A means of exit or entry from a trench excavation shall be provided for trench excavation for \_\_\_\_\_ feet or more depth.
3. A \_\_\_\_\_ is one who is capable of identifying existing in predictable hazards and who has the authority to take prompt corrective measures to eliminate.
4. Ladders, stairways or ramps are permitted means of exit and entry and they must be installed so that any worker does not have to travel more than \_\_\_\_\_ feet in a lateral direction to reach the exit.
5. Subpart P requires that where oxygen levels of less than \_\_\_\_\_ % are present or where such oxygen deficient conditions could reasonably be expected to exist, the atmosphere in the excavation or trench shall be tested prior to employees entering any excavation deeper than four feet.
6. The designated \_\_\_\_\_ for an excavation operation does a daily inspection of the excavation, including adjacent areas and structures, protective systems, hazardous atmospheres and personal protective equipment.

Multiple Choice: (Circle the Correct Letter)

7. Soil cannot be classified as type A, if which of the following conditions exists:

- a. The soil is fissured.
- b. The soil is subject to vibration from heavy traffic, pile driving or other similar effects.
- c. The soil has been previously disturbed.
- d. Any of the above.

True or False: (Circle the Correct Answer)

8. T or F

The locations marked by the utilities are estimated location only. Hand holes should be dug first to determine the exact location of the lines or piping.

9. T or F

The fatality rate for excavation work is nearly twice that of regular construction.

10. T or F

Employees shall not work in excavations in which there is an accumulation of water or water is accumulating, unless adequate precautions have been taken.

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