

16-Hour Excavation Competent Person Course

Course Director/Instructors

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Benefits

Excavation and trenching are among the most hazardous construction operations. The Occupational Safety and Health Administration's (OSHA) Excavation and Trenching standard, Title 29 of the Code of Federal Regulation (CFR), Part 1926.650, covers requirements for excavation and trenching operations. OSHA requires that a competent person inspect excavations and adjacent areas at least once a day for possible cave-ins, failures of protective systems and equipment, hazardous atmospheres or other hazardous conditions. In addition, EM 385-1-1 requires contractors to develop an Excavation/Trenching Plan which identifies the Competent Person and their credentials. This course is designed to provide the basic knowledge needed by the Excavation/Trenching Competent Person through a combination of lectures, hands-on workshops, video presentations and in-depth group discussions. Course participants who successfully complete this course should have the knowledge to: determine the class of soil; determine appropriate elimination or control for all hazards, including protection from potential cave-in; and be able to detect conditions that could result in cave-ins, failures in protective systems, hazardous atmospheres, and other hazards of excavations.

Who Should Attend

Health & Safety Personnel, Site Safety and Health Officers (SSHOs), those with responsibilities as Excavation Competent Persons, and anyone interested in gaining in-depth knowledge on excavations.

Selected Course Topics

- ❖ *OSHA Regulations, EM 385-1-1, and Industry Standards*
- ❖ *Identification of Excavation/Trenching Hazards*
- ❖ *Preplanning Requirements for Excavations*
- ❖ *Soil Classification and Testing Methods*
- ❖ *Benching, Sloping, Shoring and Shielding*
- ❖ *Hazardous Atmospheres*
- ❖ *Emergency Response*

