

## Deep Excavations

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This course will provide engineers with the skills and knowledge required to safely install ground support systems to a depth of 2.5m. It also provides them with an awareness of the hazards associated with deep excavation.

Note: Age restriction of 18+ applies to this course

Duration: 3 Day's

Course Space: 8 Trainees

Method of Delivery: Trainer Led

Who is this for? All utility operatives who are required to undertake work in or around deep excavations. Managers and supervisors would also benefit from attending this course.

### Course Objectives:

- Install and remove mechanical support systems for excavations
- Install and remove sheet piling support systems for excavation
- Install and remove board and skeleton support system for excavation
- State the legislation and company procedures associated with deep excavation
- State the safety factors, risks and PPE requirements
- Explain the factors that lead to excavation collapse
- Design a safe system of work and applying the principles of SCO permits
- Demonstrate how to safely install and remove a variety of ground support systems, depending on ground conditions (timber, steel and proprietary)
- Demonstrate methods of removing water from excavations

### Accreditation

City & Guilds certification

## Technical Information

Date Produced: April 2026

Pre-requisite Qualifications: No previous qualifications required. However, it is best that those sitting this course have an understanding of the utility industry

Assessment Type: Multi Choice question papers and practical assessment