

Safety in geotechnical works



The course is designed for both staff involved in the foundation sector for the civil engineering industry and those without any direct experience. The course introduces the general concepts of safety, and then focuses on risk assessment for special geotechnical works.

Course topics

General topics:

- Safety culture, Perception and risk management
- Safety plan, drawing up, interpretation, Toolboxes
- PPE, Collective protection devices, Jobsite signpost,
- EN 16228 Drilling & foundation equipment - safety
- Risk assessment for special geotechnical works
- Near miss reporting, case histories

Specific topics:



Drilling Operators

- Assembly and disassembly, procedures and training
- Equipment management: Periodic maintenance, Functionality checks, Security devices



Hydraulic & Electric Technicians

- Specific risk assessment for maintenance

Extra Packs (on demand):

- Risk assessment focuses on a specific technology
- Quality management for geotechnical works or for a specific technology
- Environmental management for geotechnical works or for a specific technology

Duration

1 day

Languages

**English, Italian
or any other language upon
client's request**

Location

**Cesena (FC) - Italy
or any customer's site**

Audience

**Site Managers;
Engineers;
Operative crew;
Maintenance techniques;
Rig supervisors.**

Prerequisites

**No experience in engineering
foundation sector needed**

Learning objectives

**To acquire the safety culture;
To develop the basic skills of
risk perception and analysis ;
To know the main safety
tools regarding special
geotechnical works;
To develop a general
knowledge of safety
standards.**