

Micro Drilling



The course provides specific knowledge about the drilling techniques and related technologies and application fields.

Course topics

General topics:

- Soil & rock classification and characteristics
- Technologies and Geotechnical application fields
- Drilling techniques
- Safety about the technology
- Jobsite layout, equipment & ancillaries
- Environmental management
- European standards EN 14199 and EN 1537
- Acquisition and use of electronic processing parameters
- Case histories

Specific topics:

Micropiles

- Processing stages and grouting
- Technology variants
- Advantages and limitations
- Materials and execution controls
- Tests Field, Process And Product Tests

Anchors

- Processing stages and grouting
- Technology variants
- Advantages and limitations
- Materials and execution controls
- Tests field, process and product tests

Extra Technology Packs (on demand):

- Tunnel technologies
- Jet Grouting
- Injections

Duration

5 days

Languages

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

Location

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

Audience

Site manager;
Field engineers;
Foremen;
Rig supervisors.

Prerequisites

Experience in engineering
foundation sector preferred
but not essential

Learning objectives

To develop a technical and
working knowledge of the
drilling techniques and related
technologies;

To analyze the jobsite layout
and the equipment;

To enhance the knowledge of
construction phases and field
applications;

To learn how to manage
safety, quality and
environment for the
technology;

To acquire knowledge for
troubleshooting.