

Diaphragm Walls - Hydromill

C-04



The course provides specific knowledge about the technology, the related application fields and also the various kinds of machines used.

Course topics

General topics:

- Soil & rock classification and characteristics
- Geotechnical application fields
- Safety about the technology
- Jobsite layout, equipment & ancillaries
- Environmental management
- European standards EN 1538
- Acquisition and use of electronic processing parameters (DMS)
- Case histories

Specific topics:

- Drilling techniques
- Processing stages
- Advantages and limitations
- Technology variants
- Related design choices and geometrical controls
- Drilling slurry, concrete, steel and execution controls
- Process and Product tests

Extra Technology Packs (on demand):

- Clamshell bucket
- Deep soil mixing
- Alternative technologies

Duration

4 days

Languages

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

Location

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

Audience

**Site managers;
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
technology;**

**To analyze the jobsite layout
and the equipment;**

**To enhance the knowledge of
construction phases and field
applications;**

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

**To acquire knowledge for
troubleshooting.**