

SR - Soilmec Hydraulic Drilling Rigs



The Hydraulic Drilling Rigs course is designed for operators and technicians that work with SR. The course provides a general overview of the rigs and technologies and of the various kinds of systems used. If carried out at Soilmec SPA (Italy) it is possible to organize visits to the field tests to integrate theory and practice.

General Training 3 days

SR Line

- Range Description
- Technologies and ancillaries
- Consciousness of work: Consequences of mistakes, faults or failure in execution to the general opera (*case history*)
- Main Component
- Transport & Assembly
- Safety
- Electric/electronic system and diagram of a drilling rig
- Hydraulic system of the LDP rig and its operation
- DMS

SPECIFIC TRAINING COURSES



Operator Training 2 days

- Soil & Rock classification and characteristics
- Technologies & operative sequences
- Cab & controls
- Qualify: materials, process, product
- Environment management about technology
- Work organization: Tasks of team members



Hydraulic & Electric Training 2 days

- Maintenance of LDP rig
- Diagnostic and trouble shooting
- Quality in maintenance
- Environment in maintenance

Duration

5 days

Languages

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

Location

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

Audience

**Foremen;
Operators;
Rig supervisors;
Mechanics;
Hydraulic technicians;
Electricians;
Software engineers.**

Prerequisites

**Drilling and maintenance
experience preferred but not
essential**

Learning objectives

**To develop a technical and
working knowledge of the LDP;**

**To learn the routine and non-
routine maintenance of the
rigs;**

**To learn the rig controls and
the operational sequence;**

**To acquire knowledge for
troubleshooting the rigs.**