

soilmec®

Your solution provider

Training Program



We focus on people and believe success starts with learning.

Our strong network of international instructors, consultants and industry experts delivers an extensive range of training courses worldwide.

We create collaboration spaces to train, encourage and develop.

- **SEP**
Service Excellence Program
- **DMS**
Drilling Mate System
- **DME**
Drilling Mate experience

SERVICE EXCELLENCE PROGRAM



To best support partners and customers, Soilmec offers technical training programs designed to ensure effective and efficient maintenance of its equipment.

These training programs are intended to provide maintenance technicians with the skills required to perform proper maintenance and fully leverage the capabilities of the equipment, helping to extend product life without compromising performance.

Training calendar

Courses are scheduled annually during the following periods:

- **Winter** Session – Weeks 9 – 10
- **Spring** Session – Weeks 20 – 21
- **Summer** Session – Weeks 28 – 29
- **Autumn** Session – Weeks 42 – 43

Registration

Registrations can be completed by contacting the team directly:
hqservice@soilmec.it

Participants and access conditions

Each course is limited to a **maximum of 6 participants** per session.

Registrations must be completed no later than **one week before the course start date**. After this deadline, registrations will automatically be moved to the next available session.



AVAILABLE COURSES



T – Technician Courses

T001 – Basic technician course

T002 – Intermediate technician course

T003 – Advanced technician course



D - DMS Courses

D001 – DMS OnBoard Course

D002 – DMS Manager Course

D003 – DMS PC Course

D004 – DMS Suite Course



MAINTENANCE TECHNICIAN COURSES

Our maintenance **technician courses are designed for Soilmec partners' personnel**, with the objective of ensuring competence, safety, and efficiency in the management of our equipment.

To meet different training needs, courses are divided into three levels according to participants' experience and expertise.



Basic level – Recommended for newly hired technicians or personnel with limited knowledge of Soilmec machines. Technicians will acquire fundamental knowledge of machine operation and will be able to perform routine maintenance activities with remote support from Soilmec technicians.



Intermediate level – Intended for technicians with solid experience. Participants will develop a good understanding of Soilmec machines and will be able to perform routine maintenance independently. In addition, they will acquire the skills needed to carry out troubleshooting activities at an intermediate level.



Advanced level – Recommended for highly experienced technicians seeking advanced, specialized training. Technicians will achieve an excellent knowledge of Soilmec machines and will be able to operate independently in all maintenance scenarios. They will also receive updates on the latest developments within the machine fleet and targeted training on specific equipment topics.

During the training sessions, participants will have direct access to our team of technicians and engineers, who will guide them through theoretical lessons and, most importantly, practical simulations using real machines and components. This approach allows participants to acquire skills that can be immediately applied in the field.

All sessions are **conducted in English** to ensure full accessibility for all participants.

T001

BASIC TECHNICIAN COURSE



Duration:
3 to 5 days

Location:
**Soilmec Headquarters,
Cesena**

Target audience:
Soilmec partners

Prerequisites:
None

Topics covered

- Factory tour
- Overview of drilling technologies and equipment
- Basic principles of hydraulics
- Basic principles of electrical and electronic systems
- DMS system
- Basic maintenance and diagnostics
- Practical maintenance exercises
- Drilling simulator exercises

T002

INTERMEDIATE TECHNICIAN COURSE



Duration:
3 to 5 days

Location:
**Soilmec Headquarters,
Cesena**

Target audience:
Soilmec partners

Prerequisites:
**Basic knowledge of
Soilmec machines**

Topics covered

- Hydraulics training sessions
- Electrical and electronic systems training
- DMS system
- Maintenance and diagnostics
- Practical maintenance exercises
- Troubleshooting exercises
- Drilling simulator exercises

T003

ADVANCED TECHNICIAN COURSE



Duration:
3 to 5 days

Location:
**Soilmec Headquarters,
Cesena**

Target audience:
Soilmec partners

Prerequisites:
Extensive experience

Topics covered

- Content defined according to specific customer requirements, including hydraulics, electronics, new technologies, and related topics

DMS DRILLING MATE SYSTEM



DMS is an electronic system developed and owned by Soilmec since the late 1990s, designed for drilling equipment control, production supervision, and fleet management.

DMS Product Suite

An integrated solution using smart technologies to optimize machine utilization and improve jobsite efficiency. The Soilmec DMS system provides a comprehensive view of ground engineering and drilling activities through the collection, analysis, and management of key machine data. Its purpose is to support companies in daily operations and decision-making processes, improving operational decisions through advanced data analysis tools.

DMS ON BOARD

Integrated instrumentation for equipment supervision and performance monitoring.

DMS PC

Licensed software for machine and production data processing, including dedicated reporting functions..

DMS MANAGER 4.0

Cloud-based application for assets, fleet, and job-site management.

DMS COURSES

The DMS – Drilling Mate System is a digital environment that enables customers to manage individual machines as well as their entire fleet.

With DMS, users can:

- Monitor faults and malfunctions to perform troubleshooting activities
- Monitor drilling data in real time
- Check machine operating status
- Configure working parameters
- Improve operational control, productivity, and quality

To help customers and partners fully leverage the system's capabilities, Soilmecc provides dedicated courses tailored to different roles and usage levels.



• **DMS OnBoard** - Designed for technicians operating the machine and performing diagnostic activities. Provides the skills required to identify and solve faults (troubleshooting) and optimize drilling performance according to specific customer needs. Ideal for maintenance technicians.



• **DMS Manager** - Designed for personnel responsible for remotely managing an entire fleet. Ideal for managers, fleet supervisors, and back-office staff, enabling them to monitor activities, performance, and equipment status directly through the web portal.



• **DMS PC** - Designed for technicians and staff responsible for preparing detailed drilling data reports. The course covers tools, features, and methods for data analysis, reporting improvement, and operational decision support.



• **Complete DMS Suite course** - A comprehensive training path covering all DMS Suite components (Manager, PC, and OnBoard). Ideal for those seeking a complete understanding of the system and wishing to acquire both operational and remote-management skills.

D001

DMS OnBoard

COURSE

Duration: **4 hours**

Localition:

**Available both
on-site and as live
online training**

Target audience:

**Soilmec customers
and partners**

Prerequisites:

None

Topics covered

- DMS OnBoard – machine settings
- Equipment configuration changes
- Error monitoring
- Logical unit input/output monitoring
- Drilling parameter optimization
- Diagnostics
- Communication



D002

DMS Manager

COURSE

Duration: **2 hours**

Localition:

**Available both
on-site and as live
online training**

Target audience:

**Soilmec customers
and partners**

Prerequisites:

None

Topics covered

- Overview of the DMS Suite: OnBoard, PC, Manager
- Overview of automatic drilling data management
- Live machine monitoring, GPS, drilling phases, event archive
- Machine production monitoring and reporting
- KPIs
- Maintenance and machine health monitoring
- Notification system



D003

DMS PC COURSE

Duration: **2 hours**

Localition:
**Available both
on-site and as live
online training**

Target audience:
**Soilmec customers
and partners**

Prerequisites:
None

Topics covered

- Overview of the DMS Suite: OnBoard, PC, Manager
- DMS PC versions
- Installation, configuration, and licensing
- Data import and archive management
- Charts, reports, and online customization options
- Printing multiple reports
- Updates and compatibility

D004

DMS Suite COURSE

Duration: **8 hours**

Localition:
**Available both
on-site and as live
online training**

Target audience:
**Soilmec customers
and partners**

Prerequisites:
None

Topics covered

- Overview of the DMS Suite: OnBoard, PC, Manager
- DMS OnBoard machine settings
- Equipment configuration changes
- Error monitoring
- Logical unit input/output monitoring
- Drilling parameter optimization
- Diagnostics
- Communication
- DMS Manager – automatic drilling data management
- DMS Manager – live machine monitoring, GPS, drilling phases, event archive
- DMS Manager – machine production reporting
- DMS Manager – KPIs
- DMS Manager – maintenance and machine health monitoring
- DMS Manager – notification system
- DMS Manager – technical documentation
- DMS PC – versions
- DMS PC – installation, configuration, and licensing
- DMS PC – data import and archive management
- DMS PC – charts, reports, and online customization options
- DMS PC – printing multiple reports
- DMS PC – updates and compatibility

DRILLING MATE EXPERIENCE



Soilmec SR rigs simulator – DME

Immersive training for operators and technicians

DME simulator training courses enable participants to develop advanced technical skills and gain practical experience in **Kelly** and **CFA** operations through virtual reality technologies.

The DME system allows operators and technicians to gain an in-depth understanding of Soilmec drilling rigs and associated drilling and equipment-handling processes before working in real-life conditions.

Immersive technology for a realistic experience

The simulator is equipped with a 3 Degrees of Freedom (3DOF) motion system and features highly realistic job-site graphics, detailed animations, and advanced audio systems to provide an authentic onboard experience. The dedicated software faithfully reproduces every drilling phase, allowing participants to improve:

- Operational skills
- Machine management capabilities
- Decision-making speed

All within a completely safe environment.

From simulation to real operations

DME uses a complete **Soilmec Blue Tech cabin** with original controls, providing a training environment identical to operational conditions.

During training, Soilmec instructors support participants by monitoring the correct operational sequence and validating each work phase. Thanks to tested and approved operating cycles, trainees:

- Understand how the machine reacts to different actions
- Reduce rig-up and commissioning times
- Minimize operator errors
- Optimize alarm management
- Improve overall drilling efficiency

Safety, competence, and efficiency

The use of the simulator helps develop solid technical skills, improved safety awareness, and greater operational sensitivity, contributing to **safer**, more **efficient**, and more **sustainable drilling performance**.

The system demonstrates a strong connection between technology, innovation, and sustainability, becoming a key tool in modern training.

Environmental and cost benefits

According to DME estimates, a standard 5-day training course saves:

- € 1,700 in fuel
- 2.2 tonnes of CO₂ equivalent

compared to using a real drilling rig during training.

CAN'T FIND THE RIGHT COURSE?

Tailor-made training for your company

If the course you are looking for is not included among the available training offerings, you can submit a request to hqservice@soilmec.it to define a customized training program. Your request will be reviewed, and the Soilmec team will design a training path tailored to your specific needs.

USEFUL CONTACTS

Service Headquarter

hqservice@soilmec.it

+39.0547.319333



HOW TO FIND US

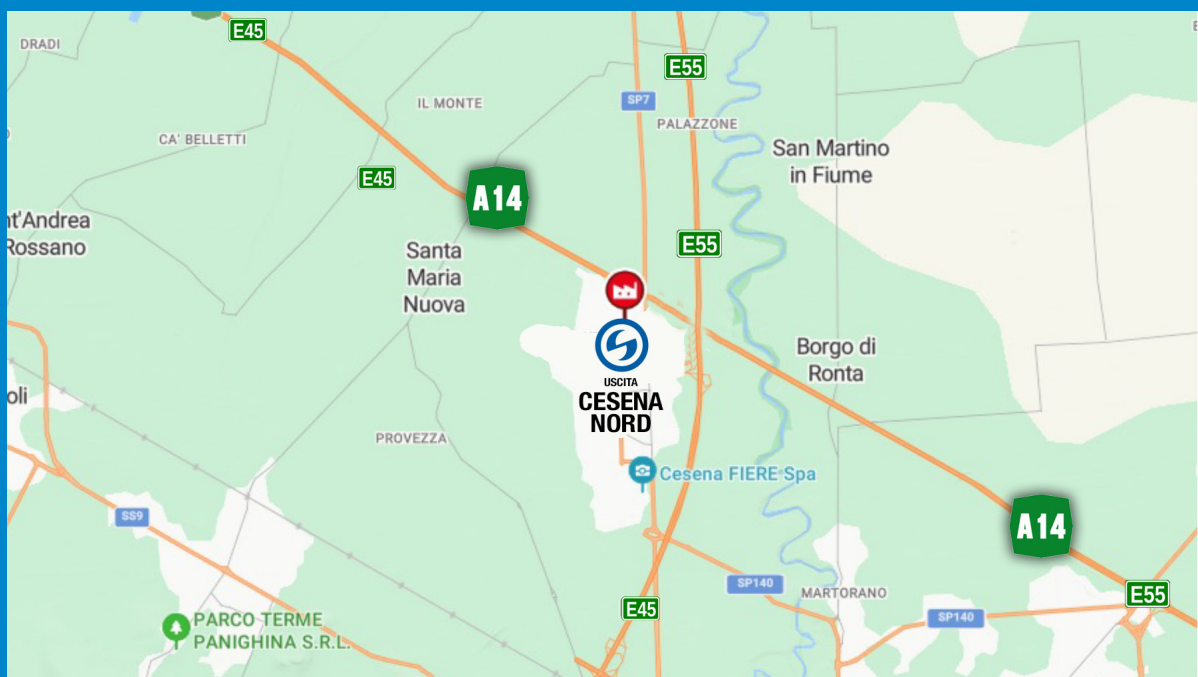


Soilmec Headquarters is located in Cesena, Via Dismano, and is easily accessible from the main road connections in the area.

The nearest airport is **Bologna Guglielmo Marconi Airport**, connected to Cesena via the A14 motorway and the railway network.

Accommodation can be arranged for your personnel in Cesena or Forlì, both located within a short distance of our facility and offering a wide range of lodging options.

If you need assistance with travel or accommodation planning, our team is available at: hqservice@soilmec.it.





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