

ROTARY DRILLING AWARENESS

Course Outline

This two day course provides an in depth insight into the use of rotary drilling techniques within geotechnics. The course will look at the optimum techniques to obtain the information or parameters required or to maintain hole integrity for installations. The content is relevant for rotary drilling for ground investigations.

The course is a unique opportunity to learn about drilling techniques as well as assessing and observing rigs in operation. The content will include drilling techniques and equipment, advantages and limitations and new technologies as well as the legislative requirements which impact on rotary drilling. The course will comprise theory in the classroom and also outside with a rotary drill rig.

Course Contents

- Update on current British Standards in relation to drilling
- Rotary Drilling Techniques and Equipment:
 - Percussive inc. Window Sampling and Down The Hole Hammer
 - Open Holing
 - Coring – conventional and wireline including an in-depth look at the Geobor S system
- Advantages and Limitations of the techniques
- New techniques and innovations:
 - Sonic (Rota-Sonic)
- Flush mediums including use of polymers
- Health and Safety – PUWER & LOLER inc. Rig Guarding 16228
- Health and Safety Audit on Drill Rigs
- Environmental Issues

The course will include practical demonstrations and a hands-on audit of a rotary rig.



Learning Outcomes

At the end of the course the delegates should be able to:

- Have an appreciation of different rotary drilling techniques and equipment
- Understand the advantages and limitations of different techniques
- Ask the right questions
- Check the safety and environmental compliance of the rig
- Understand the documentation to be checked
- Carry out a simple rig audit

Who should attend?

This course is a must for inexperienced rotary operators, as well as geotechnical practitioners supervising rotary drilling operations so that they can understand the drilling activity, maximise core recovery and quality of the work and interact more knowledgeably with the drill crews and engineers.

For more information, contact Equip Training:

- ✉ info@equipegroup.com
- 🌐 www.equipegroup.com
- ☎ +44 (0)1295 670990
- 📠 +44 (0)1295 678232
- 🌐 Equip Group
- 🐦 @EquipeGroup
- 📺 EquipGroup