

# Drilling and Grouting for Engineers



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## Introduction

The course comprises a comprehensive 1 day overview of the complete process involved in drilling and grouting from the practical aspects of grout equipment and set up of batching plants and pumps.

Types of grout and their uses will be covered along with the various methods of grouting and their limitations and advantages.

This course is ideal for engineers who wish to broaden their knowledge of the grouting process. It will provide information on the practical aspects of the process as well as grout design. Emphasis will be given to the application of the various types of grouting method and how they can be used to solve many geotechnical problems.



## Course Content

Through the day we shall be looking at all aspects of the grouting process.

Each method of grouting will be studied together with case histories which highlight the use of the particular method, The day will also look at specific aspects which need to be considered as part of an investigation.

The course will include:-

- ✓ Grouting equipment
- ✓ Classes of grout
- ✓ Drilling for grouting
- ✓ Grouting practice
- ✓ Grouting methods:
  - Compaction grouting
  - Rock grouting
  - Permeation grouting
  - Jet grouting
  - Hydrofracture
  - Compensation grouting

A number of case studies will be discussed to enhance understanding of each of these methods.

## Course Arrangements

This full day course will be run from the Paddocks. Engineers attending will be able to count this towards their CPD programme.

## Who should attend?

*A must for all practicing Geologists and Engineers who may become involved with grouting methods for permanent and temporary construction works.*

## Equip Training Limited

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