Cable Avoidance

At a glance…

Duration:

- This course will last one day.

Delivery Method:

- The training is a blend of both theoretical and hands-on practical training.

Approved by:

- NOCN as part of their catalogue of SiteRight courses

Introduction

The course aims to provide individuals with a knowledge and understanding of how the cable avoidance equipment works, its limitations, applications, and the consequences of not implementing correct procedures when using the equipment. The course will cover the detection of underground services using different modes on the locating equipment as well as tracing services using different methods.

The finer details

The course has both classroom and outdoor practical elements.

The classroom sessions cover:

- An overview of the cable avoidance product and how to operate it.
- How the antennas receive signals and how the correct application will provide more reliable results.
- What signals are received in the passive modes and how these signals are produced.
- Passive mode limitations.
- How to obtain reliable utility directions.
- The limitations of detecting certain types of utilities.
- Product overview of the transmitter and how it operates.
- The modes and settings of the transmitter.
- The utilisation of low and high frequencies.
- Connection mode applications and possible limitations.
- Connecting methods.
- Accessories.
- Induction mode operation and applications.
- Correct depth estimation verification methods.

The practical element of the course covers the below areas:

- The locator features, applications, and passive mode.
- Marking up the detected utilities with chalk.
- Using the Transmitter in induction and connection methods to:
- Record and trace the energised utilities.
- Complete practical assessment.
- Download and analyse data from one of the locators.

Who should attend

This course will benefit all those who are required to use Cable Avoidance Tools as part of their working processes.

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