

# Location and Avoidance of Underground Apparatus

## At a glance...

### Training (with Assessment) Competence with Modules

**Prerequisites:** For shorter course duration programmes, the Learner must evidence prior Location and Avoidance of Underground Apparatus training certification or equivalent.

## Introduction

Becoming proficient in operating cable avoidance equipment to locate underground service apparatus is an essential and valued operator's skill for any ground, excavation or Street Works project.

## Overview in brief

Our course will enhance your knowledge, understanding and skills to be able to safely locate and avoid underground utilities apparatus and highway services.

It's a bespoke course that will be tailored to your needs by the Instructor. The course has been approved by the Construction Industry Training Board (CITB), and the Highway Electrical Association (HEA).

Upon successful completion, you'll gain a certificate of competence and a Lantra Skills ID card.

## The finer details

Utilities apparatus and highways services are important infrastructure that are used to distribute or control a range of services to the public. Utilities are generally considered to include electricity, gas, water, sewerage and communication services.



To make the services less susceptible to deterioration from the elements, vandalism and accidental damage, they are where possible buried underground. This protects the infrastructure, whilst having the added benefit of maintaining the aesthetic quality of the landscape.



If the proper precautions are not taken, damage to underground utilities apparatus and highways services can cause fatal or severe injury, as well as significant disruption and environmental damage.

This training course has been developed to help you understand how to safely undertake the location and avoidance of underground apparatus and highways services.

The amount of instruction you will require will depend largely upon your previous experience, but there are many aspects involved in avoiding danger from underground apparatus and services and many skills that have to be mastered.

When you have completed the training course, you will be assessed for your level of performance and knowledge.

## Who should attend?

This course is for you if you need to become proficient in safely undertaking the location and avoidance of underground apparatus and services.

As you'll appreciate, this course contains some practical activity that will require a minimum level of fitness. If you have any concerns, please speak to the Provider.

## What will be covered?

At the end of this course, the Learner will be able to:

- Understand and follow safe working practices
- Identify utilities apparatus and highways services encountered during excavation
- Understand and interpret information and plans showing the location of underground apparatus
- Identify the hazards and risks associated with underground utilities apparatus and highways services
- Understand the advantages and limitations of pipe and cable location equipment
- Prepare the pipe and cable location equipment for use
- Safely operate pipe and cable location equipment using the appropriate functions and accessories
- Demonstrate how to mark the location of utilities apparatus and highways services identified, when using pipe and cable location equipment in conjunction with information and plans



- Shut down and store pipe and cable location equipment.

