



Utility and Construction Training Limited

---

# Appreciation of Electricity Distribution and Basic Electrical Theory

---

## Who Should Attend

Operatives

## Prerequisites

None

## Aims

To give delegates an appreciation of the Electrical Distribution System and of work carried out in the electrical utility sector.

## Objectives

On completion of the course, delegates should be able to:

- Understand the basic laws of electricity.
- Identify the various plant and equipment used to distribute electricity.
- Show an understanding of the electricity distribution system.
- Understand the application of the laws associated with the industry.
- Understand the consequences of coming in to contact with live electrical conductors.
- Recognise and identify electricity cables, joints and ancillary equipment.
- Understand the significance of the safety procedures of the industry.
- Understand cable laying good practice.
- Understand safe excavation requirements detailed in HSG47.
- Understand in-company procedures.

## Duration

1 Day

## Contact

### Manchester

Pembroke House  
Carrington Business Park  
Manchester Rd  
Carrington  
M31 4DD  
0161 776 4186  
<mailto:info@uctraining.co.uk>

### Hamilton

Beckford St Business Park  
Beckford St  
Hamilton  
ML3 0BT  
01698 420854  
<mailto:info@uctraining.co.uk>