

## Impressed Voltage Awareness

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### Course Overview

This course provides awareness of Impressed Voltage (IV) and is delivered on our e-learning platform which uses animations and interactive exercises to aid learning.

### Who is it for?

This awareness programme is designed for those with an Engineering background e.g. authorised roles such as Person and Competent Persons.

### Content

- Introduction of IV
- Legislation and regulation
- Explanation of the source, coupling mechanism and receptor
- Explanation of four key types of IV – inductive coupling, capacitive coupling, conductive coupling and trapped charge
- Mechanisms and dangers
- An overview of the controls needed to manage IV
- Overview of substation / overhead line IV risks
- What to look out for when working in a HV environment
- Short assessment

### Learning Objectives

- Identify the mechanism and dangers of IV
- Understand the four coupling mechanisms and how and where they occur
- Why we need to manage IV and the controls that should be adopted to achieve safety from the system

**Course Length:** E-learning (approx. 2 hours)