



Earthing & Bonding Awareness

Course code	E&B-A
Duration	1 Day
Location	Customers own site

Course Overview

This course is essential for personnel who work as designers, electrical contractors, and/or persons registered under the Part P competence scheme.

In line with the requirements of the Health and Safety at Work Act 1974, more specifically the Electricity at Work Regulations 1989, precautions must be taken to prevent dangers which can arise from a charged conductor.

Employees must therefore, be aware of the hazards and risks involved when using the various systems and must have sufficient training on the appropriate precautions to be implemented.

This course is designed to enable personnel to gain the necessary knowledge of the requirements for earthing and bonding in both statutory and non-statutory documentation.

Objectives

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

- Have an understanding of EaVR 1989 with regards to earthing & bonding requirements.
- Gain an understanding of the requirements of both BS7671:2008 (2015) Amendment 3 and Guidance Note 8.
- Be familiar with the different types of earthing systems, as described in BS7671.
- Become familiar with definitions and terminology used, with regards to earthing and bonding within typical installations.
- Understand the use of Residual Current Devices as additional earth fault protection.

- Have an understanding of the practical sizing and adequacy, and be able to determine the minimum cross sectional areas for various conductors in typical installations.
- Changes and subsequent impact on earthing & bonding in view of the new amendment to BS7671.

Learning Approach

- The training course adopts an interactive theory course throughout the day. Candidates will be expected to participate fully.

Assessment

Candidates will receive a Tesla Technical Training Awareness Certificate.

PLEASE NOTE

This course has been updated fully to reflect the new amendment to BS7671 (2015 – Yellow Cover).