

**COURSE TITLE: BS 7671:2018 - IET Wiring Regulations**

**COURSE REFERENCE:** 403

**DURATION:** 14 hours (Recommended Minimum Duration)

**COURSE AIMS** This course aims to provide employees working within the Highway Electrical Sector with a theoretical understanding of BS 7671 (IET Wiring Regulations) and associated requirements.

**PREREQUISITES:** In order to gain maximum benefit and learning outcomes from this course there are a number of training modules, which are required before attending. A complete list of pre-course requirements is shown in the Contents.

**ASSESSMENT:** A summative assessment will follow the completion of this course or group of courses.

**OBJECTIVES:** On completion of the course learners will:

- State the need for standards, regulations, testing and certification.
- Demonstrate knowledge of the scope and plan of the IET wiring regulations
- Identify where Highway Electrical installations are covered.
- Describe methods of protection available in highway electrical installations
- Identify where inspection and testing is covered

**COURSE TOPICS:**

- Introduction to BS 7671.
- Requirements for standards, regulation, testing and certification.
- Fundamental Requirements for Safety as defined in BS 7671.
- Terminology, definitions and abbreviations.
- Theory and application of Earthing and Bonding.
- Safety and Protection of equipment and people.
- BS 7671 in respect to Highway Electrical street furniture

**PRACTICAL:** To enable maximum learning and benefit from this course, there will a number of exercises.