

## PART P – 17 UNITS

### Introduction:

This programme has been designed for people who have no formal electrical knowledge and need to obtain a basic electrical qualification to enable them to self-certify their own work. The qualification is suitable for those who would like a foundation course to start them on the road to becoming a qualified electrician and for those who need to be able to self-certify their own work such as Kitchen & bathroom fitters, plumbers, builders etc.

Qualified electricians who need to become fully conversant with the Part P regulations in order to be deemed a competent person may attend unit 1 of this course.

### Objective:

To provide a solid foundation for delegates who need to be conversant with the new Part P regulations.

### Programme Synopsis:

Applicable Building Regulations for Domestic Electrical Installation.

#### Unit 1

- What are building Regulations and Approved Documents
- Approved Document P
- Other Applicable Building regulations and Approved Documents

#### Unit 2

ELECTRICAL SAFETY LEGISLATION REGULATIONS STANDARDS AND TERMINOLOGY

Demonstrate an understanding of:

- Electricity at work regulations 1989 – HSE Memorandum of Guidance on the regulations
- Requirements for Electrical Installations BS 7671: 2001
- Construction Design and Management Regulations
- Electrical Safety on Construction Sites – HS (G) 41

### Unit 3

#### DOMESTIC ELECTRICAL INSTALLATION – PRE-WORK SURVEY/INSPECTION

Demonstrate an understanding of:

- Domestic Electrical Installations Main Components and the Requirements for Pre-work Surveys
- Protective Devices used in Domestic Installations
- Earthing and Bonding Arrangements used in Domestic Installations
- Correct Methods used to Test Domestic Installations and Correct Interpretation of Results

### Unit 4

#### DOMESTIC ELECTRICAL INSTALLATION – SAFE ISOLATION PROCEDURES

Demonstrate an understanding of:

- Safe Isolation Procedures

### Unit 5

#### IDENTIFYING UNSAFE ELECTRICAL SITUATIONS

Demonstrate an understanding of:

- Unsafe Electrical Situations and Necessary Precautions

### Unit 6

#### DOMESTIC ELECTRICAL EARTHING AND BONDING REQUIREMENTS

Demonstrate an understanding of:

- Typical Terminology, Earthing Arrangements and Bonding Requirements
- Labelling, Standard Materials, Connection and Termination of Earthing and Bonding Arrangements

### Unit 7

#### ELECTRICAL TEST PROCEDURES

Demonstrate an understanding of:

- Electrical Test Procedures

## **Unit 8**

### SELECTING DOMESTIC ELECTRICAL CABLE AND COMPONENTS

Demonstrate an understanding of:

- Cable and Component Selection

## **Unit 9**

### INSTALLING AND REPLACING OF ELECTRICAL COMPONENTS

Demonstrate an understanding of:

- Installation and Replacement of Electrical Components

## **Unit 10**

### CHECKING CORRECT AND SAFE OPERATION OF INSTALLED ELECTRICAL COMPONENTS

Demonstrate an understanding of:

- Checking the Correct and Safe operation of Installed Electrical Components

## **Unit 11**

### RECORDING OF ELECTRICAL TEST RESULTS AND COMPLETING CERTIFICATES

Demonstrate an understanding of:

- Electrical Test Result Recording and Certificate Completion

## **Unit12**

### INSTALLING AND/OR REROUTING DOMESTIC ELECTRICAL CABLES

Demonstrate an understanding of:

- Installing and/or Rerouting Cables

### **Unit 13**

#### DOMESTIC ELECTRICAL INSTALLATION – SPECIAL LOCATIONS

Demonstrate an understanding of the Requirements to Safely Install Electrical Equipment:

- In rooms containing a Bath or Shower
- Where Shower Cubicles are installed in a Room Used for other Purposes
- To Domestic Garages and locations External to the Main Dwelling

Demonstrate an understanding of the Requirements to Install:

- Circuits to Feed Equipment Having High Protection Conductor Current
- Electrical Supplies for under Construction/Refurbishment Trades use in Dwellings

### **Unit 14**

#### UNDERSTANDING OF NEW DOMESTIC ELECTRICAL CIRCUIT REQUIREMENTS

Demonstrate an understanding of:

- The Inspection, Tests and Criteria for Domestic Installations
- The Certification, Requirements and other Regulations in Relations to Domestic Installations

### **Unit 15**

#### INSTALLING DOMESTIC LIGHTING CIRCUITS

Demonstrate an understanding of:

- Lighting installations

### **Unit 16**

#### MAINTAINING DOMESTIC ELECTRICAL INSTALLATIONS

Demonstrate an understanding of:

- Maintenance Requirements

### **Unit 17**

#### BASIC UNDERSTANDING OF 3 PHASE SUPPLIES

Demonstrate an understanding of:

- 3 Phase Supplies



**Duration:** Five (5) Days

**Certification:** EMTA

**Course Code:** TSCPARTP17



[www.tsc2000.co.uk](http://www.tsc2000.co.uk)

