

Basic Electrical Awareness online workshop

Programme

Day 1

- 09.15** **Registration**
- 09.30** Introduction and welcome
- 09.40** How much electricity does it take to kill you?
- Competent Person Schemes
 - BS7671, Part P and other building regulations, how are these notified?
 - Minor works
 - Electrical Installation Condition Report, (EICR) overview
- Incoming supplies and DNO requirements
- TNS, TN-C-S, TT Systems. What to look for on bypassing the meter?
 - Miniature Circuit Breakers, RCD, BS, and rewirable fuses, benefits and drawbacks
- 11.00** **Break**
- 11.30** What is voltage and the relationship with amps
- Rewirable circuit boards and demonstration examples
- New regulations – 18th edition
- Earthing requirements
 - Ring mains and the rules
 - Bathrooms, lighting and ventilation regulations
 - New requirements, surface mounted cable, fire prevention, surge and overload protection
- Recap and quiz
- 12:30** **End of Day 1**



Day 2

09.15 **Registration**

09.35 Welcome back

09:40 EICR detailed overview

- Visual inspections, level of inspection and test recommended and required to prove satisfactory

The codes and guidance

- BS7671 documentation and amended versions of this document
- Competence requirements
- Where an EICR starts and finishes!
- Electrical Safety Standards in the Private Rented Sector (England) Regulations 2020
- Technical and legal update
- Guidance Note 3 on the inspection requirements

11.10 **Break**

11.40 EICR completion in full and what to look for on completed EICR's

- The codes and how these should be applied
- Group activity: photographic exercise

Review and discuss group work (levels of coding applied)

12.40 **Close**