



# Portable Appliance Testing



## Introduction

Portable Appliance Testing (PAT) is the term used to describe the examination of electrical appliances and equipment to ensure they are safe to use. Most electrical safety defects can be found by visual examination, but some types can only be found by testing.

The Electricity at Work Regulations 1989, Regulation 4 (2) state: "As may be necessary to prevent danger, all systems (defined to include portable appliance equipment) shall be maintained so as to prevent, so far as is reasonably practicable, such danger." This essentially means that duty holders are required to maintain portable electrical tools in a safe condition.

PAT can be carried out inhouse by a person with the correct equipment and competency. This course will provide delegates with:

- The ability to use this test equipment properly
- The ability to properly understand the test results



## Course Duration

SSG offer this course over one day as a classroom course.



## Course Attendees

This course is suitable for employees across all trades who work on or near electrical systems, or those with responsibility for the safety of others.



## Course Programme

- Legislation:
  - Health and Safety at Work Act 1974
  - Electricity at Work Regulations 1989
- HSG107 and other relevant HSE guidance notes and publications
- Theory on possible faults, diagnoses – the use of the Portable Appliance Testing instrument
- Test instrument calibration and recording of results
- Practical application of test instrument
- Summary and short practical assessment



## Training Certification and Assessment

Delegates will be assessed through their input during the practical exercise and their feedback. On successful completion of training, delegates will receive an SSG course attendance certificate which is valid for three years.



## Suggested Follow on and Complementary Courses

- IOSH Working Safely
- Risk Assessment Workshop