



Farnborough College
of Technology

Business Services



shortcourses

Portable Appliance Testing (PAT)

Duration: 1 Day

Who should attend?

Persons appointed who need to be familiar with PAT testing procedures to inspect Class I and Class II equipment and to use testing equipment to test portable appliances safely and correctly within their own organisation.

What does the course cover?

- Electrical safety and its effect on the body
- Insulation classifications and classification marks
- Essential initial frequencies of user checks, formal visual inspections and testing
- Considerations when carrying out formal visual inspections regarding the environment, good housekeeping, suitability of equipment for intended use, disconnecting equipment and condition of equipment and connecting leads
- Factors to be taken into account within visual inspection
- Types of instrument used for testing equipment
- Acceptable resistances and leakage currents
- Information required to be recorded
- Procedures for dealing with damaged and faulty equipment
- Test requirements for extension leads and restrictions
- Test procedures for microwave ovens
- Considerations when working with IT equipment
- High earth leakage currents and testing procedures
- Practical use of portable appliance tester

How is the course delivered?

This course is delivered as a mixture of lecture, discussion and practical exercises. Previous electrical knowledge would be an advantage but is not essential.

What are the benefits?

The benefits include ensuring appointed staff are familiar with the PAT testing procedures and are equipped to use testing equipment and test appliances within the organisation.

**For more information or to book a place please contact our
Employer Hotline on 01252 407299 or email us at business@farn-ct.ac.uk**