



the **key** consultancy limited

## In-company training

# Electrical Safety for PAT Operatives

### Aims

To develop skills in the testing and maintenance of safety of portable electrical equipment.

### Objectives

At the end of the course the participants will be able to:

- State the dangers of electricity
- Identify the limits of their competence
- State the principles of protection afforded by a fuse, low voltage, earth and insulation,
- Use Portable Appliance Testing equipment
- Keep records of tests and inspections
- Maintain identification and inventory of equipment

### Programme

- Dangers of electricity
- Electrical protection
- Fuse, low voltage, insulation, use of personal protection
- Correct wiring of plug
- Fuse rating
- Visual inspection of equipment and plug connections
- The Electricity at Work Regulations and relevance to PAT
- Competence and knowing limits of competence
- Demonstration and practice using PAT equipment
- Exercises
- Test