

The relevant regulations are as follows:

The Health & Safety at Work Act  
1974

The Management of Health & Safety  
at Work Regulations 1999

The Provision and Use of Work  
Equipment Regulations 1998 The  
Electricity at Work Regulations 1989

Failure to comply with the Health &  
Safety regulations can result in a fine  
of up to £20,000

On average 2,500 people are killed or  
injured every year in electrical fires.

A survey carried out for Halifax  
Insurance found that 1 in 4 used  
electrical goods fail a standard safety  
check and are unfit for use.

**WHY TAKE THE RISK?**

Having your equipment (PAT) tested will help  
you to comply with the above regulations.  
PAT testing records are usually requested  
during a visit from a Health & Safety  
Inspector or Fire Officer.

Many insurance policies now have a clause  
stating that electrical appliances must be  
tested.

Have you checked your policy?

PRICES FOR PAT TESTING ARE AS FOLLOWS:

Up to 50 items -

51 - 100 items -

101 - 150 items -

151 - 200 items -

A minimum of £ 30 is charged to cover  
administration costs

All prices are plus VAT

**PLEASE CONTACT US FOR CURRENT PRICES**



• N.A. Electrical •  
Penwortham

Preston

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**N.A. Electrical**

**Did you know ?**

There are several pieces of  
legislation that require you to  
provide safe electrical equipment  
in the workplace for yourself,  
employees and member of the  
public.

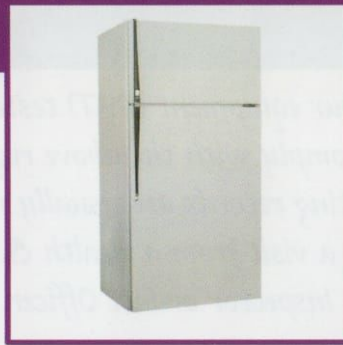
Please read on for more  
information on how to ensure  
your business is safe.

## WHAT IS PORTABLE APPLIANCE TESTING?

Portable appliance testing, or PAT testing, is the testing of electrical equipment to ensure that it is electrically safe to use.

## WHAT IS A PORTABLE APPLIANCE?

Generally speaking a 'portable appliance' is a piece of equipment that is powered from the mains via a cable and plug. The word 'portable' is slightly misleading as the appliance doesn't have to be easily portable it just has to be moveable without the need for it to be unwired. Examples would be PCs, printers, tills, TVs, radios, hoovers, fridges, televisions, hairdryers etc.



Several test will be carried out on your equipment some of these being:

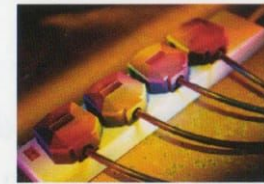
**Visual Inspection** - This is a very important part of the test and involves the technician checking for hazards such as the wrong kind of plug, damaged or incorrectly wired plugs, the wrong fuse rating, damage to the casing of the appliance, lumps or cracks in the mains lead, unsafe cable joints and loose connections.

**Earth Bond Test** - This test ensures that the appliance has a suitable earth conductor connected and that there are no breaks or damage to the earth cable.

**Insulation Test** - An insulation test is carried out to ensure that the correct insulation is in place and working properly. This test will find problems like contamination or moisture in an appliance or the failure of one of its insulation components.

When the above tests have been completed each appliance will have a 'PASS' or 'FAIL' label applied. Our technicians will be able to repair certain problems such as incorrectly wired plugs or the wrong fuse rating and then retest the appliance so that it passes the test.

If a piece of equipment fails any of the tests then it is deemed to be unsafe and must **NOT** be used until the problem has been rectified or the appliance is replaced.



Once all of the testing has been completed we will provide test documentation showing the results of the tests that have been carried out. This documentation can then be presented to Health & Safety inspectors or insurance companies as required.

How often do the tests need to be done?

Re-test periods vary depending on the type of appliance and where it is used. We recommend that appliances are tested once every year.