



## How do we PAT Test?

PAT testing consists of a thorough visual inspection that can often identify the majority of faults, along with electrical safety tests. Electrical appliances are categorised in three main categories and these are class one, class two and class three. The different class of the appliance will help determine whether the appliance needs testing and to what extent it needs to be tested to.

The minimum requirements for a Class 1 which is usually an earthed piece of equipment and to test class one appliance you would need to carry out visual inspection, earth continuity test and insulation resistance test. The Class 2 appliances which have no protective earth, to test a class two you would need to carry out the following a visual inspection and insulation resistance test are the minimum requirements. All tests should be recorded, and a risk assessment carried out to assess appropriate re-test schedules. The Class three appliances extra are low voltage and are the safest class of the electrical appliances, these usually may need PAT tested

In Addition to the above, the person who is carrying out the PAT Testing would need to be fully competent. Below is a list of things that they would need to be competent in:

- Have adequate knowledge of electricity
- Have adequate experience of electrical work
- Know to carry out a visual inspection

- Know how to carry out a PAT test
- Understand potential hazards & precautions to take when PAT testing
- To decide whether it's safe for PAT testing to continue

Seaward's portable appliance testers are the benchmark for the portable appliance testing (PAT) market and are regarded as number one by the industry. The PAT testing equipment has always been designed with the needs of our customers in mind. Safety in the workplace is of paramount importance and our testers provide the quick and effective key to electrical equipment preventative maintenance programmes.

If you require more help, please contact us at  
<https://www.seaward.com/gb/enquiry/>.