

## Preface

Since producing the material for the “Demystifying Portable Appliance Testing” course some six years ago, it has been my intention to produce a handbook for people undertaking PAT testing. There has long been a demand for a practical work that gave sensible answers to the sort of questions faced by most people undertaking PAT testing that was easier to understand than the IEE Code of Practice.

I feel that this has been achieved with this handbook. It strikes a balance between giving enough technical background where necessary, and easy to follow practical advice in implementing a PAT testing scheme.

For example someone wanting to undertake PAT testing using a PASS/FAIL PAT Tester need only read through the Overview, Planning and Doing the Work sections to get started. If they come across any appliances that they are not quite sure how to test, then a quick look within the Test Examples section should provide an answer.

For those wanting more technical information on how the tests are done and find out how to interpret the test results, the PAT Testing: Technical Information section should provide all the answers they are looking for.

The Test Examples section contains many practical tips and hints regarding PAT Testing of a variety of appliances that are found in offices, homes, schools and factories. Many of these are based around questions either from delegates or calls to our technical support line.

Useful reference information has been tucked away in the Appendix so as not to clutter the main body of the handbook. This includes a chapter on Basic Electrical Theory and a background to Electric Shock and the different techniques in place to protect users from it.

This book is equally valuable to the newcomer to PAT Testing who intends to test in-house as well as the more experienced practitioner who plans to provide a PAT Testing service to other companies. It should also provide a source of useful information to those intending to take the City & Guilds 2377 examination.