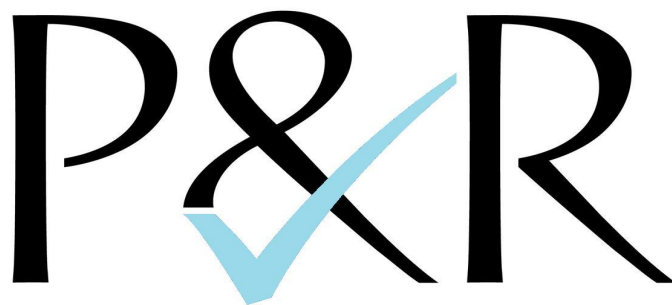


PAT TEST DATA



PAT TESTING



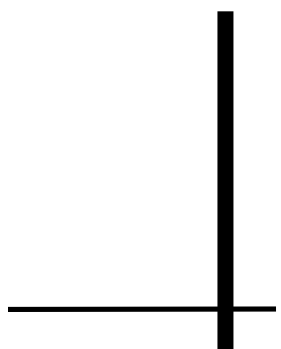
A Place Nearby

June 2010

Sample Only



P & R Services (Southampton) Ltd



Index

- 1. PAT Test certificate**
- 2. PAT test data**
- 3. Summary**
- 4. Notes**
- 5. Calibration check certificate**
- 6. Test Procedure**

Sample Only

Certificate of Electrical Safety

This is to certify that all appliances listed in attached data sheets has been portable appliance tested in accordance with Regulation 4(2) of the EAWR

A Place Nearby

All equipment listed (unless stated otherwise) at the above named site has passed a Portable Appliance Test in accordance with the IEE's Code of Practice for In-Service Inspection and Testing of Electrical Equipment

Engineer **Bryan Hall** Number of tests **210**

Signature *Bryan Hall* Date **June 2010**




Safety testing

PAT Test Data July 2005

ID.No	Make	Type	Faults	Class	Visual	Earth bond	Insulation	Leakage	Pass / Fail	Date Tested	Retest	Location
1	BOSCH	WASHING MACHINE		1	PASS	<0.1 W	> 19.99MW	< 3.5mA	PASS	21-Jul-05	Jul-06	RUTH HOUSE
2		2 WAY ADAPTOR		1	PASS	<0.1 W	> 19.99MW	< 3.5mA	PASS	21-Jul-05	Jul-06	RUTH HOUSE
3		KETTLE BASE		1	PASS	<0.1 W	> 19.99MW	< 3.5mA	PASS	21-Jul-05	Jul-06	RUTH HOUSE
4	ITEMS	KETTLE		1	PASS	<0.1 W	> 19.99MW	< 3.5mA	PASS	21-Jul-05	Jul-06	RUTH HOUSE
5	COMFORT	IRON	RETERMINATED	1	PASS	<0.1 W	> 19.99MW	< 3.5mA	PASS	21-Jul-05	Jul-06	RUTH HOUSE
6		LAMP		2	PASS	N/A	> 19.99MW	< 3.5mA	PASS	21-Jul-05	Jul-06	RUTH HOUSE
7	COOKWORKS	TOASTER		1	PASS	<0.1 W	> 19.99MW	< 3.5mA	PASS	21-Jul-05	Jul-06	RUTH HOUSE
8	DAEWOO	MICROWAVE		1	PASS	<0.1 W	> 19.99MW	< 3.5mA	PASS	21-Jul-05	Jul-06	RUTH HOUSE
9	BEKO	FRIDGE / FREEZER		1	PASS	<0.1 W	> 19.99MW	< 3.5mA	PASS	21-Jul-05	Jul-06	RUTH HOUSE
10		FAN		1	PASS	<0.1 W	> 19.99MW	< 3.5mA	PASS	21-Jul-05	Jul-06	RUTH HOUSE
11		EXTENSION LEAD		1	PASS	<0.1 W	> 19.99MW	< 3.5mA	PASS	21-Jul-05	Jul-06	RUTH HOUSE
12		FREEZER	FUSE REPLACED	1	PASS	<0.1 W	> 19.99MW	< 3.5mA	PASS	21-Jul-05	Jul-06	RUTH HOUSE
13	PANASONIC	VACUUM		2	PASS	N/A	> 19.99MW	< 3.5mA	PASS	21-Jul-05	Jul-06	RUTH HOUSE
14		3 WAY ADAPTOR		1	PASS	<0.1 W	> 19.99MW	< 3.5mA	PASS	21-Jul-05	Jul-06	RUTH HOUSE
15	PHILIPS	TV		2	PASS	N/A	> 19.99MW	< 3.5mA	PASS	21-Jul-05	Jul-06	RUTH HOUSE
16		DVD PLAYER		2	PASS	N/A	> 19.99MW	< 3.5mA	PASS	21-Jul-05	Jul-06	RUTH HOUSE
17		LAMP		2	PASS	N/A	> 19.99MW	< 3.5mA	PASS	21-Jul-05	Jul-06	RUTH HOUSE
18		FAN		1	PASS	<0.1 W	> 19.99MW	< 3.5mA	PASS	21-Jul-05	Jul-06	RUTH HOUSE
19		EXTENSION LEAD	RETERMINATED	1	PASS	<0.1 W	> 19.99MW	< 3.5mA	PASS	21-Jul-05	Jul-06	RUTH HOUSE
20		LAMP		2	PASS	N/A	> 19.99MW	< 3.5mA	PASS	21-Jul-05	Jul-06	RUTH HOUSE
21	HITACHI	TV		2	PASS	N/A	> 19.99MW	< 3.5mA	PASS	21-Jul-05	Jul-06	BARNABAS HOUSE
22		EXTENSION LEAD		1	PASS	<0.1 W	> 19.99MW	< 3.5mA	PASS	21-Jul-05	Jul-06	LOUNGE
23	GOODMANS	DIGIBOX		2	PASS	N/A	> 19.99MW	< 3.5mA	PASS	21-Jul-05	Jul-06	LOUNGE
24	LG	VIDEO		2	PASS	N/A	> 19.99MW	< 3.5mA	PASS	21-Jul-05	Jul-06	LOUNGE
25	PRISM	DVD PLAYER		2	PASS	N/A	> 19.99MW	< 3.5mA	PASS	21-Jul-05	Jul-06	LOUNGE
26		LAMP		2	PASS	N/A	> 19.99MW	< 3.5mA	PASS	21-Jul-05	Jul-06	BEDROOMS
27		LAMP		2	PASS	N/A	> 19.99MW	< 3.5mA	PASS	21-Jul-05	Jul-06	BEDROOMS
28		LAMP		2	PASS	N/A	> 19.99MW	< 3.5mA	PASS	21-Jul-05	Jul-06	BEDROOMS
29		LAMP		2	PASS	N/A	> 19.99MW	< 3.5mA	PASS	21-Jul-05	Jul-06	BEDROOMS
30		IEC LEAD		2	PASS	N/A	> 19.99MW	< 3.5mA	PASS	21-Jul-05	Jul-06	BEDROOMS
31	PHILIPS	RADIO		2	PASS	N/A	> 19.99MW	< 3.5mA	PASS	21-Jul-05	Jul-06	BEDROOMS
32		LAMP		2	PASS	N/A	> 19.99MW	< 3.5mA	PASS	21-Jul-05	Jul-06	BEDROOMS
33		EXTENSION LEAD		1	PASS	<0.1 W	> 19.99MW	< 3.5mA	PASS	21-Jul-05	Jul-06	BEDROOMS
34		IEC LEAD		2	PASS	N/A	> 19.99MW	< 3.5mA	PASS	21-Jul-05	Jul-06	BEDROOMS
35	SANYO	RADIO		2	PASS	N/A	> 19.99MW	< 3.5mA	PASS	21-Jul-05	Jul-06	BEDROOMS
36	BODYZONE	STEAMER		2	PASS	N/A	> 19.99MW	< 3.5mA	PASS	21-Jul-05	Jul-06	BEDROOMS
37		LAMP		2	PASS	N/A	> 19.99MW	< 3.5mA	PASS	21-Jul-05	Jul-06	BEDROOMS
38	MORPHY RICHARDS	FOOT SPA		2	PASS	N/A	> 19.99MW	< 3.5mA	PASS	21-Jul-05	Jul-06	BEDROOMS
39		LAMP		2	PASS	N/A	> 19.99MW	< 3.5mA	PASS	21-Jul-05	Jul-06	BEDROOMS
40		LAMP		2	PASS	N/A	> 19.99MW	< 3.5mA	PASS	21-Jul-05	Jul-06	LOUNGE
41		LAMP		2	PASS	N/A	> 19.99MW	< 3.5mA	PASS	21-Jul-05	Jul-06	LOUNGE
42		EXTENSION LEAD	ARTH BONDING	1	FAIL				FAIL	21-Jul-05	Jul-06	LOUNGE
43	GOODMANS	KAREOKEE MACHINE		2	PASS	N/A	> 19.99MW	< 3.5mA	PASS	21-Jul-05	Jul-06	LOUNGE
44		LAMP		2	PASS	N/A	> 19.99MW	< 3.5mA	PASS	21-Jul-05	Jul-06	LOUNGE
45	DELL	MONITOR		1	PASS	<0.1 W	> 19.99MW	< 3.5mA	PASS	21-Jul-05	Jul-06	COMPUTER ROOM
46	EPSON	PRINTER		1	PASS	<0.1 W	> 19.99MW	< 3.5mA	PASS	21-Jul-05	Jul-06	COMPUTER ROOM
47		COMPUTER		1	PASS	<0.1 W	> 19.99MW	< 3.5mA	PASS	21-Jul-05	Jul-06	COMPUTER ROOM
48	COMPAQ	MONITOR		1	PASS	<0.1 W	> 19.99MW	< 3.5mA	PASS	21-Jul-05	Jul-06	COMPUTER ROOM
49		COMPUTER		1	PASS	<0.1 W	> 19.99MW	< 3.5mA	PASS	21-Jul-05	Jul-06	COMPUTER ROOM
50		Y LEAD		1	PASS	<0.1 W	> 19.99MW	< 3.5mA	PASS	21-Jul-05	Jul-06	COMPUTER ROOM
51		IEC LEAD		1	PASS	<0.1 W	> 19.99MW	< 3.5mA	PASS	21-Jul-05	Jul-06	COMPUTER ROOM
52		IEC LEAD		1	PASS	<0.1 W	> 19.99MW	< 3.5mA	PASS	21-Jul-05	Jul-06	COMPUTER ROOM
53		IEC LEAD		1	PASS	<0.1 W	> 19.99MW	< 3.5mA	PASS	21-Jul-05	Jul-06	COMPUTER ROOM
54	TEFAL	IRON		1	PASS	<0.1 W	> 19.99MW	< 3.5mA	PASS	21-Jul-05	Jul-06	LAUNDRY ROOM
55	NUMATIC	VACUUM		2	PASS	N/A	> 19.99MW	< 3.5mA	PASS	21-Jul-05	Jul-06	LAUNDRY ROOM
56	FRIDGIDAIRE	FREEZER		1	PASS	<0.1 W	> 19.99MW	< 3.5mA	PASS	21-Jul-05	Jul-06	KITCHEN
57	BEKO	FRIDGE		1	PASS	<0.1 W	> 19.99MW	< 3.5mA	PASS	21-Jul-05	Jul-06	KITCHEN

PAT Test Data July 2005

ID.No	Make	Type	Faults	Class	Visual	Earth bond	Insulation	Leakage	Pass / Fail	Date Tested	Retest	Location
58	BEKO	FRIDGE		1	PASS	< 0.1 W	> 19.99MW	< 3.5mA	PASS	21-Jul-05	Jul-06	KITCHEN
59	HOOVER	AC ADAPTOR		2	PASS	N/A	> 19.99MW	< 3.5mA	PASS	21-Jul-05	Jul-06	KITCHEN
60	ZANUSSI	FRIDGE	FUSE REPLACED	1	PASS	< 0.1 W	> 19.99MW	< 3.5mA	PASS	21-Jul-05	Jul-06	KITCHEN
61		EXTRACTOR		1	PASS	< 0.1 W	> 19.99MW	< 3.5mA	PASS	21-Jul-05	Jul-06	KITCHEN
62	PROLINE	MICROWAVE		1	PASS	< 0.1 W	> 19.99MW	< 3.5mA	PASS	21-Jul-05	Jul-06	KITCHEN
63	SWAN	TOASTER		1	PASS	< 0.1 W	> 19.99MW	< 3.5mA	PASS	21-Jul-05	Jul-06	KITCHEN
64		KETTLE BASE		1	PASS	< 0.1 W	> 19.99MW	< 3.5mA	PASS	21-Jul-05	Jul-06	KITCHEN
65	PHILIPS	KETTLE		1	PASS	< 0.1 W	> 19.99MW	< 3.5mA	PASS	21-Jul-05	Jul-06	KITCHEN
66	JMB	MICROWAVE		1	PASS	< 0.1 W	> 19.99MW	< 3.5mA	PASS	21-Jul-05	Jul-06	KITCHEN
67		FAN	PLUG REPLACED	1	PASS	< 0.1 W	> 19.99MW	< 3.5mA	PASS	21-Jul-05	Jul-06	KITCHEN
68	IDEAL	SHREDDER		1	PASS	< 0.1 W	> 19.99MW	< 3.5mA	PASS	21-Jul-05	Jul-06	FRONT OFFICE
69		EXTENSION LEAD		1	PASS	< 0.1 W	> 19.99MW	< 3.5mA	PASS	21-Jul-05	Jul-06	FRONT OFFICE
70	SONY	TV	RETERMINATED	2	PASS	N/A	> 19.99MW	< 3.5mA	PASS	21-Jul-05	Jul-06	FRONT OFFICE
71		LAMP		2	PASS	N/A	> 19.99MW	< 3.5mA	PASS	21-Jul-05	Jul-06	FRONT OFFICE
72		LAMINATOR		2	PASS	N/A	> 19.99MW	< 3.5mA	PASS	21-Jul-05	Jul-06	FRONT OFFICE
73		IEC LEAD		1	PASS	< 0.1 W	> 19.99MW	< 3.5mA	PASS	21-Jul-05	Jul-06	FRONT OFFICE
74		IEC LEAD		1	PASS	< 0.1 W	> 19.99MW	< 3.5mA	PASS	21-Jul-05	Jul-06	FRONT OFFICE
75		IEC LEAD		1	PASS	< 0.1 W	> 19.99MW	< 3.5mA	PASS	21-Jul-05	Jul-06	FRONT OFFICE
76		IEC LEAD		1	PASS	< 0.1 W	> 19.99MW	< 3.5mA	PASS	21-Jul-05	Jul-06	FRONT OFFICE
77	HP	AC ADAPTOR		1	PASS	< 0.1 W	> 19.99MW	< 3.5mA	PASS	21-Jul-05	Jul-06	FRONT OFFICE
78		COMPUTER		1	PASS	< 0.1 W	> 19.99MW	< 3.5mA	PASS	21-Jul-05	Jul-06	FRONT OFFICE
79		EXTENSION LEAD		1	PASS	< 0.1 W	> 19.99MW	< 3.5mA	PASS	21-Jul-05	Jul-06	FRONT OFFICE
80	PANASONIC	FAX		1	PASS	< 0.1 W	> 19.99MW	< 3.5mA	PASS	21-Jul-05	Jul-06	FRONT OFFICE
81	COMPAQ	MONITOR		1	PASS	< 0.1 W	> 19.99MW	< 3.5mA	PASS	21-Jul-05	Jul-06	FRONT OFFICE
82		CLOCK / RADIO		2	PASS	N/A	> 19.99MW	< 3.5mA	PASS	21-Jul-05	Jul-06	FRONT OFFICE
83		EXTENSION LEAD		1	PASS	< 0.1 W	> 19.99MW	< 3.5mA	PASS	21-Jul-05	Jul-06	FRONT OFFICE
84		AC ADAPTOR		2	PASS	N/A	> 19.99MW	< 3.5mA	PASS	21-Jul-05	Jul-06	FRONT OFFICE
85		3 WAY ADAPTOR		1	PASS	< 0.1 W	> 19.99MW	< 3.5mA	PASS	21-Jul-05	Jul-06	FRONT OFFICE
86	NETGEAR	AC ADAPTOR		2	PASS	N/A	> 19.99MW	< 3.5mA	PASS	21-Jul-05	Jul-06	FRONT OFFICE
87		FAN		1	PASS	< 0.1 W	> 19.99MW	< 3.5mA	PASS	21-Jul-05	Jul-06	FRONT OFFICE
88	WITNESS	VIDEO MONITOR		2	PASS	N/A	> 19.99MW	< 3.5mA	PASS	21-Jul-05	Jul-06	FRONT OFFICE
89	WITNESS	TIME LAPSE VIDEO		2	PASS	N/A	> 19.99MW	< 3.5mA	PASS	21-Jul-05	Jul-06	FRONT OFFICE
90		LAMP		2	PASS	N/A	> 19.99MW	< 3.5mA	PASS	21-Jul-05	Jul-06	BEDROOMS
91	ELECTROLUX	VACUUM		2	PASS	N/A	> 19.99MW	< 3.5mA	PASS	21-Jul-05	Jul-06	BEDROOMS
92		16mtr EXTENSION REEL	NEEDS RCD	1	PASS	< 0.1 W	> 19.99MW	< 3.5mA	PASS	21-Jul-05	Jul-06	BEDROOMS

Summary

- 210 items tested
- 10 plugs replaced
- 6 items of equipment rewired
- 78 fuses replaced
- 23 visual inspections
- 2 items failed (see attached data sheets)

Equipment listed is due for retest in June 2011

Sample Only

If you would like us to carry out the PAT testing next year
Could you please give us a call on **01794 513288** at least one
Month in advance, so that we can schedule the job in.

Notes

Engineer's Signature *Bryan Hall*

Date June 2010

Calibration Check Certificate

This certificate certifies that the Portable Appliance Tester listed has been inspected for correct function and calibration using the following equipment.

Seaward PAT Checkbox

Serial No SO2-0423

Calibration Certificate No STD 7999

Date of Calibration 9 May 07

Portable Appliance Tester Details

Make *Seaward*

Type *Primetest 100*

Serial Number *X30-0316*

Check Details

Date of check *31 Dec 07*

Engineer *Gary Phillips*

	TP1	TP2
Earth Bond Test	<i>Pass</i>	<i>Pass</i>
Insulation Test	<i>Pass</i>	<i>Pass</i>
Flash Test	<i>N/A</i>	<i>N/A</i>
Leakage Test	<i>Pass</i>	<i>N/A</i>

The following parameters are used when checking the Portable Appliance Testers;

Earth bond test +/- 2% : Insulation test +/- 2% : Flash test +/- 10% : Earth leakage test +/- 1%

Signature _____



Recheck due 31 Jan 2008

PAT Test Procedure (Seaward Primetest 220/100)

1. Visual Inspection.

- Check flex for damage and insulation quality
- Check casing for damage and that it is attached / secure
- Check plug is not damaged and is wired correctly (see diagram below).
- Check fuse for correct rating

- Up to 500 watts fit 3 amp fuse
- 500 to 1200 watts fit 5 amp fuse
- 1200 to 2000 watts fit 10 amp fuse
- 2000 to 3000 watts fit 13 amp fuse

- Determine type of appliance (class I or class II)

2. Protective Earth Test (Earth Bond).

- This test is only carried out on class I equipment (earthed equipment)
- Connect earth lead to metal part or earthed portion of equipment being tested.
- Plug appliance into tester and rotate the switch to the Earth Bond position (PT220) or select class 1 test (PT100)
- Check reading (should be 0.1Ω or lower, unless the appliance under test has a long lead, in which case make an allowance in accordance with the table below) and note it.
- If the reading is above the parameters allowed then the test will stop. Try finding a better earth point for the earth lead and repeat the tests. If it still fails then the appliance is to be marked as a failure and no further tests are to be carried out on it.

Nb. A display of 1 indicates a result exceeding 1.999Ω

3. Insulation Test.

- After successful completion of Earth Bond Test (only if it was required) the tester will automatically carry out an Insulation Test
- The appliance under test must be switched on.
- The appliance should be plugged into the tester and the earth clip should be touched to the metal case and on each accessible conductive part on the appliance
- Check the reading and note it making sure that it is in excess of;

- $7 M\Omega$ for Class II appliances
- $2 M\Omega$ for Class I appliances

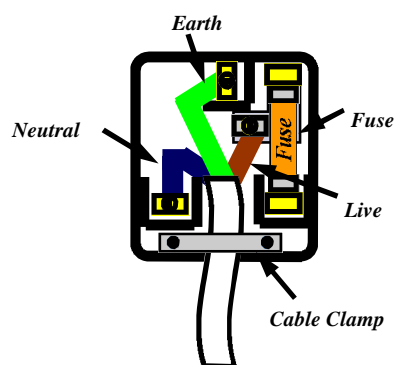
Nb. A display of 1 indicates a reading in excess of $9.99M\Omega$

4. Leakage / Substitute Leakage Test.

- The PT100 will automatically carry out a leakage test.
- For the PT220 ensure the appliance under test is switched on, plug the tester into mains supply
- Rotate the rotary switch to the Leakage test position (Ipe).
- Note the reading which should be below;

- BS1363 Connector (13a Plug) 3.5mA
- BS4343 Connector (Industrial Plug) 10mA

5. Record test results, disconnect the equipment under test and return to its normal condition.



Typical plugtop layout

Nominal Cross Sectional Area of flex (mm ²)	Rated Current of Appliance (Amps)	Resistance per Conductor (ohm / metre @ 10 ⁰ C)
0.5	3	0.035
0.75	6	0.023
1	10	0.017
1.5	16	0.011
2.5	25	0.007

Earth Bond adjustment table

Sample Only



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