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Portable Appliance Testing 13/05/2024

The health and safety executive has set regulations governing the safety of electrical appliances in the workplace.

- Health and safety at work act 1974
- Supply of machinery (safety) regulation 1992
- The electricity at work regulation 1989
- The provision of use and work equipment regulation 1998
- The management of health and safety at work regulation 1999

To comply with health and safety regulations and to satisfy the needs of our public liability insurance Happy Sounds Mobile Disco has undertaken Portable Appliance Testing on all electrical appliances, cords and cables in accordance with the 5th Edition IET Code of Practice and City & Guilds 2377.

Annual Visual Inspection & Electrical Safety testing of:

- Class I appliances
- Class II appliances
- Class III appliances (Visual inspection only)
- IEC power cords
- Mains extension leads

Notes:

Protective Earth insulation resistance (Rpe) is dependant on the Cross Sectional Area (CSA) and length of the conductor. Long cable lengths may produce a higher Rpe reading that some automated PAT equipment will interoperate as a failure. The user should refer to IET code of practise Page 134 for maximum permissible values per meter of cable.

Extension leads containing surge protection circuits are likely to fail the leakage current test when tested at 500v. This is not a fault. The surge protection circuit is designed as such. The Seward Primetest-100 tests at 500v and as such leakage currents are noted but are not an indicated failure.

The detailed asset and test data report follows this summary.

Asset numbers which are blank have either been Sold, Lost or have been previously damaged/failed PAT testing and have been disposed of.

Date of testing: 05/05/2024 - 13/05/2023

Test equipment: Seward Primetest-100 – S/N 18K-0065

Tester: Dave Jones

Assets Tested: 209

Assets Passed: 206

Assets Failed: 03

Failed Assets:

Asset Number	Description	Observation / Failure parameter
124	10A 10m Cassette Extension Reel	Electrical - Open Circuit Line/Neutral
127	4G 2m Black Extension Lead	Visual - Inner Conductors exposed
162	5m 2g Extension lead	Electrical - Open Circuit Line/Neutral

Actions taken:

The identified faults have been identified and taken out of service and are pending repair and re-testing. The assets have been removed from service and marked unsafe with red labels stating their fail status.

At the point of this report no assets have been disposed. However if any of the failed assets cannot be satisfactorily repaired, they will be disposed of in accordance with the WEEE regulation 2013.