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Portable Appliance Testing 23/05/2021

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 4th Edition IET Code of Practice and City & Guilds 2377.

Visual inspection and electrical safety check 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. If testing at 250v cannot be performed the operator should ignore the leakage current test.

The detailed asset and test data report follows this summary.

Asset numbers which are blank have either been lost, Not identified or have been previously damaged/failed PAT testing and have been disposed of.

Date of testing: 21/05/2021 - 23/05/2021

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

Tester: Dave Jones

Assets Tested: 167

Assets Passed: 166

Assets Failed: 1

Failed Assets:

Asset Number	Description	Observation / Failure parameter
126	4g 2m Black Extension Socket	Inner Cable Insulation Exposed

Actions taken:

The identified faults have been deemed unsafe and due to the location of outer insulation damage the fault is of an irreparable nature. The asset has been removed from service and marked unsafe.

The unsafe asset has been safely disposed of in accordance with the WEEE regulation 2013.