






Medical Portable Electrical Equipment Test and Tag

The Electrical Safety Regulation requires regular inspection and testing of specified electrical equipment in accordance with the procedures set out in AS/NZS 3012, 3760 and Regulations s82-94, furthermore for medical equipment AS/NZS 3551, 3200 and 3003 need to be referenced.

It is the operators responsibility to visually inspect any equipment prior to use, ensure that it is fit for the intended purpose and that cords and leads are run in such a way as to be protected from harm and not present a risk to others.

Double adapters, piggy back plugs, unswitched powerboards and the daisy chaining of powerboards is prohibited in any University operation.

LV medical electrical equipment used in a patient area shall be connected to an LPD (leakage protective device) protected circuit marked with one of the following symbols;

	Type B	Type BF	Type CF
Applied Part			
Defibrillator proof applied part			

The most common LPD is a type 1 RCD that is an RCD of 10mA trip in less than 40 ms, which isolates ALL active conductors.

Test and tag of portable equipment is the responsibility of each school or department.

The University supports the training of Competent Persons in test and tag procedures for the purpose of maintaining compliance with legislation where items are procured in

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between normal intervals, or items are missed. These items are to be tagged with a tag of significant visible difference to those normally used, these tags are to be removed and the item retested at the next normal interval test.

Records of test and tag are to be held by each school or department for the life of the equipment, or seven years, whichever is the lesser.

Records of portable RCD time test are to be held by each school or department for the life of the equipment or seven years, whichever is the lesser.

The following table specifies the maximum interval period between inspection and tests by competent persons, if assessment indicates high levels of risk to equipment, or persons operating it, then they may be lessened.

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Dan Martin Electrical Safety Officer

Occupational Health & Safety Unit

Type of Environment	Interval Between Testing	
	Protectively Double Earthed Insulated	Residual Current Devices Push Button Test Time & Button Test
Equipment or supply cord IS subject to flexing in normal use OR is open to abuse OR in a hostile environment	6 monthly	After connection to a source of supply and then 12 monthly monthly
Equipment or supply cord is NOT subject to flexing in normal use AND is not open to abuse AND is not in a hostile environment	12 monthly	After connection to a source of supply and then monthly 12 monthly