

Table 1 - Intervals for testing specified electrical equipment

Work/Environment	Definition	Requirement	Equipment Examples	Test and Tag Frequency
Construction (s289 Work Health & Safety (WHS) Regs)	Any work carried out in connection with the construction, alteration, conversion, fitting-out, commissioning, renovation, repair, maintenance, refurbishment, demolition, decommissioning or dismantling of a structure.	All electrical equipment for the performance of work complies with the requirements of AS/NZS 3012:2019(Electrical installations— Construction and demolition sites).		<ul style="list-style-type: none"> The equipment requires inspection and testing to be completed at least once every three (3) months.
Manufacturing (ESR s105)	Assembly, disassembly, fabrication, installation, maintenance, manufacturing, refurbishment, or repair, but does not include amusement work, construction work or rural industry work plant and equipment workshops.	All equipment must be connected to a safety switch. In particular a portable RCD may be required	<ul style="list-style-type: none"> Extension leads Power boards Handheld tools. 	<ul style="list-style-type: none"> The equipment requires inspection and testing to be completed at least once every six (6) months.
Hostile environments	One that the equipment or appliance is normally subject to events or operating conditions likely to result in damage to the equipment or a reduction in its expected life span. This includes, but is not limited to, mechanical damage, exposure to moisture,	Portable RCD's maybe required where the use of fixed safety switch cannot be identified.	<ul style="list-style-type: none"> Extension leads Power boards Portable RCD's Handheld tools Refrigerators & Freezers Portable electrical equipment. 	<ul style="list-style-type: none"> The equipment requires inspection and testing to be completed at least once every twelve (12) months.

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	<p>heat, vibration, corrosive chemicals, and dust.</p> <p>Areas include external facing kitchen spaces, wet, corrosive and chemical storage areas.</p>		<ul style="list-style-type: none"> Amusement rides and electrical equipment 	
Medical equipment/body protected areas	<p>There are additional test requirements mandated for electrical equipment commonly used in diagnostics and patient treatment or therapy. The test regime for such equipment is much more rigorous than for other items with additional tests being prescribed.</p>	<p>The main requirement is the outlets are required to have a higher level of protection (type I safety switch/10 milliamp socket residual current device)</p> <ul style="list-style-type: none"> AS/NZS 4513: 1995 – Medical electrical equipment – Fundamental aspects of safety Standards. AS/NZS 3551:2012 – Management programs for medical equipment. 		<ul style="list-style-type: none"> The equipment requires inspection and testing to be completed at least once every twelve (12) months; or as prescribed by the manufacturer.
Rural (ESR s119)	<p>Includes the cultivation of any agricultural crop or product, rearing and management of farm animals (livestock), clearing, fencing, trenching, draining or otherwise preparing land. It also includes construction or manufacturing work in a rural environment (repairing farm and</p>	<p>Stated electrical risk means the following and must have controls implemented to prevent harm:</p> <ul style="list-style-type: none"> Use of electrical equipment in an unroofed area or wet area e.g. a hose down area. Equipment where the electrical supply cord is 	<ul style="list-style-type: none"> Extension leads Power boards Handheld, or carried electrical equipment e.g. backpack type vacuum cleaner or blower vac. Electric gurney 	<ul style="list-style-type: none"> The equipment requires inspection and testing to be completed at least once every twelve (12) months.

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	making machinery, building of sheds)	<p>subject to flexing while being used</p> <ul style="list-style-type: none"> Use of plug-in electrical equipment that is exposed to environmental factors that subject the equipment to abnormal wear or deterioration e.g. corrosive chemicals, damaging dusts. 		
Service (ESR s111)	Not covered by another 'work'. Includes cleaning, cooking, providing a health service at a health facility, teaching, childcare in a childcare centre, retail operations (teaching and learning environments including computer laboratory, libraries, teaching spaces).	Equipment used for commercial cleaning	<ul style="list-style-type: none"> Floor polishers Vacuum cleaners Steam cleaners 	<ul style="list-style-type: none"> The equipment requires inspection and testing to be completed at least once every six (6) months
		Where the equipment may be moved from an office environment (portable electrical equipment) into a service environment.	<ul style="list-style-type: none"> Extension leads Power boards Engraver Vacuum cleaner 	<ul style="list-style-type: none"> The equipment requires inspection and testing to be completed at least once every twelve (12) months
		Scientific and laboratory equipment	<ul style="list-style-type: none"> Heating mantles Magnetic stirrers Rheostats Vacuum pumps 	<ul style="list-style-type: none"> The equipment requires inspection and testing to be completed at least once every twelve (12) months
Office (ESR s111)	Offices and meeting rooms.	Where the equipment is only used for office work and not moved away from an office environment.	<ul style="list-style-type: none"> Sound equipment Cameras Laptop charging transformer unit Extension leads 	<ul style="list-style-type: none"> The equipment requires inspection and testing to be completed at least once every five (5) years.

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Hire / Loan electrical equipment	A hire situation is created when the hirer provides electrical equipment, to a person or entity external to the hirer's organisation, that passes out of the control of the hirer.	A situation where the equipment is supplied and operated by the hirer is not considered to constitute a hire. The term hire includes lease	<ul style="list-style-type: none"> • Power boards • Laptops and chargers • Sound equipment • Cameras 	<ul style="list-style-type: none"> • Inspected and tested at least once every three (3) months, inspection prior to hire.