

ELECTRICAL INSPECTION AND TESTING: INTERVALS

Indicative testing and inspection intervals for electrical equipment

In accordance with Table 4 [AS/NZS 3760 \(2010\) In-service safety inspection and testing of electrical equipment](#)
(Caution: This page must be read in conjunction with AS/NZS 3760 as a whole and particularly section 2.1)

Frequency of inspection and testing

The intervals for testing in [AS/NZS 3760 \(2010\)](#) are summarised in the table below. Testing is subject to a tolerance of two weeks. Inspecting and testing of electrical equipment must be carried out by a [competent person](#).

Variations to the frequency for testing

The frequency for testing can only be varied by the Head of School/Branch based on a risk assessment. If substituting other periods other than those indicated below the documented risk assessment must be completed in accordance with the process specified in [AS/NZS ISO 31000](#) "Risk management guidelines" and take into consideration any relevant legislative requirements or guidelines. The risk assessment option does not apply to equipment offered for hire.

Type of environment and/or equipment	Interval between inspection and tests				
	Equipment including Class 1 equipment, Class II equipment, cord sets, cord extension sets and EPDs (See definitions)	Residual current devices (RCDs)			
		Push-button test – by user		Operating time and push-button test	
(a)	(b)	Portable (c)	Fixed (d)	Portable (e)	Fixed (f)
1) Factories, workshops, places of manufacture, assembly, maintenance or fabrication	6 months	Daily, or before every use, whichever is the longer	6 months	12 months	12 months
2) Environment where the equipment or supply flexible cord is subject to flexing in normal use or is open to abuse or is in a hostile environment	12 months	3 months	6 months	12 months	12 months
3) Environment where the 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	5 years	3 months	6 months	2 years	2 years
4) Residential type areas of boarding houses, halls, hostels accommodation houses and the like	2 years	6 months	6 months	2 years	2 years
5) Hire equipment Inspection	Prior to hire	Including push-button test by hirer prior to hire		N/A	N/A
6) Hire equipment Electrical testing	3 months	N/A		3 months	12 months
7) Repaired, serviced and second-hand equipment	After repair or service which could affect electrical safety, or on reintroduction to service. Refer to AS/NZS 5762.				

Note: Regulatory authorities, other Standards, workplace safety requirements or manufacturers' instructions may specify shorter or longer intervals appropriate to particular industries or specific types of equipment. Some regulatory jurisdictions limit the inspection and testing of electrical equipment to defined work activity or working environments. For example construction work or equipment used in a hostile operating environment.

HSW Handbook	Electrical Safety Management	Effective Date:	1 April 2021	Version 1.0
Authorised by	Chief Operating Officer (University Operations)	Review Date:	1 April 2024	Page 1 of 1
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