



COVERSHEET

Minister	Hon Simon Watts	Portfolio	Energy
Title of Cabinet paper	Electricity (Safety) Amendment Regulations 2025 and Gas (Safety and Measurement) Amendment Regulations 2025	Date to be published	25 November 2025

List of documents that have been proactively released

Date	Title	Author
October 2025	Electricity (Safety) Amendment Regulations 2025 and Gas (Safety and Measurement) Amendment Regulations 2025	Office of Energy Minister
9 October 2025	Minute of decision LEG-25-MIN-0196	Cabinet Office

Information redacted

NO

Any information redacted in this document is redacted in accordance with MBIE's policy on Proactive Release and is labelled with the reason for redaction. This may include information that would be redacted if this information was requested under Official Information Act 1982. Where this is the case, the reasons for withholding information are listed below. Where information has been withheld, no public interest has been identified that would outweigh the reasons for withholding it.

In Confidence

Office of the Minister for Energy

Chair, Cabinet Legislation Committee

Electricity (Safety) Amendment Regulations 2025 and Gas (Safety and Measurement) Amendment Regulations 2025

Proposal

- 1 This paper seeks authorisation for submission to the Executive Council of the Electricity (Safety) Amendment Regulations 2025 and the Gas (Safety and Measurement) Amendment Regulations 2025, and a policy decision on e-transporters.

Executive Summary

- 2 The proposed changes to the Electricity (Safety) Amendment Regulations 2025 and the Gas (Safety and Measurement) Amendment Regulations 2025 update the citations of standards as previously agreed [ECO-24-MIN-0240 refers].
- 3 This paper also seeks a decision on one further matter that arose during the drafting:
 - 3.1 Amend the Electricity (Safety) Regulations 2010 to enable coverage of standards for e-transporters (e.g., e-scooters, e-skateboards, certain e-bikes).
- 4 I have also made the decision under my delegated authority to:
 - 4.1 Reference the updated 2024 version of standard AS/NZS 4777.1: Grid connection of energy systems via inverters – Part 1: Installation requirements, as opposed to the previously agreed 2016 version, as this is now the most up to date version of this standard and better represents best practice solar technologies.
 - 4.2 Include a 12-month transition period in which the old or new standards can be used to ease implementation for businesses and stakeholders.
 - 4.3 Make minor amendments to citations of standards.
- 5 The amendments will also give effect to the policy decision on 31 March 2025 to expand the permitted voltage range on low voltage electricity networks from plus or minus 6% ($\pm 6\%$) to plus or minus 10% ($\pm 10\%$) [EXP-25-MIN-0021 refers]. This change will enable electricity networks to accommodate more rooftop solar exports and therefore increase the attractiveness of these systems for consumers.

Policy

- 6 The Electricity (Safety) Regulations 2010 and the Gas (Safety and Measurement) Regulations 2010 (the Regulations) set expectations for the safe installation and use of electrical and gas products respectively.

- 7 In October 2024 Cabinet agreed to update and/or introduce approximately 440 citations across the Regulations, along with changes to recognise new gas certification bodies in the Gas (Safety and Measurement) Regulations 2010 [ECO-24-MIN-0240 refers].
- 8 The attached Electricity (Safety) Amendment Regulations 2025 and Gas (Safety and Measurement) Amendment Regulations 2025 will give effect to these cabinet decisions.
- 9 These updated regulations will have the following benefits:
- reduce barriers to the installation of renewable energy technology such as solar panels and EV chargers.
 - reduce costs for manufacturers to verify that the imported product meets standards referenced in New Zealand regulations when the product already meets standards in comparable jurisdictions (provided it is compatible with New Zealand's electricity and supply).
 - reduce the risk manufacturers withdraw from supplying the New Zealand market because of the cost of running dual verification systems.
- 10 In addition to giving effect to Cabinet's earlier decisions, the draft regulations include one new issue that requires policy approval. I have also made three decisions under my delegated authority to make final refinements to the changes proposed.
- 11 This paper also seeks to give effect to a previous cabinet decision to expand the permitted voltage range on low voltage networks.

E-transporters

- 12 I am seeking Cabinet agreement to apply the Electricity (Safety) Amendment Regulations 2025 to e-transporters. These are currently excluded by regulation 3(b).
- 13 The updated safety standards include two new standards for e-transporters. E-transporters include personal electrical transport devices such as electrically power assisted cycles (with a maximum continuous power rating of up to 0.5 kW), e-scooters, e-skateboards and electric-monowheels.
- 14 During the drafting process officials became aware that Regulation 3(b) of the Electricity (Safety) Regulations 2010 provides that the regulations do not apply to "road vehicles". As e-transporters fall within the definition of road vehicles, officials sought my agreement to amend Regulation 3(b) to apply the regulations to e-transporters to promote the safety of this product.
- 15 The Ministry of Business, Innovation and Employment (MBIE) has engaged with WorkSafe New Zealand (WorkSafe), New Zealand Transport Agency, the Ministry of Transport and MBIE's Energy, Consumer Policy, and Trade teams. They did not identify any concerns with extending the application of the regulations to e-transporters.

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- 16 The amendment will ensure that e-transporters will be captured by the regulations and associated standards. This reflects Cabinet's October 2024 decision to add the two new standards that relate to e-transporters and the acknowledgement that e-transporters should be covered by an appropriate regulatory regime.
- 17 This change will bring e-transporters into alignment with other electrical products ensuring that they meet minimum safety benchmarks before being sold in New Zealand. It will also reduce ambiguity for importers and suppliers, providing a clear regulatory framework that supports compliance and enforcement.
- 18 No additional costs are expected to importers and sellers by applying the Electricity (Safety) Amendment Regulations 2025 to e-transporters.

Decisions made under delegated authority

- 19 I have made three changes based on advice from officials under the delegation from the October Cabinet paper, which enabled me to make any final refinements to the changes proposed [ECO-24-MIN-0240 refers].

Updated citation to latest version of standard 4777.1: Grid connection of energy systems via inverters

- 20 I am proposing to cite standard 4777.1:2024 Grid connection of energy systems via inverters, as opposed to the previously agreed 2016 version.
- 21 The list of citations of standards approved by Cabinet in October included the 2016 version of the standard. The 2024 version has since become available and is now the most up to date version.
- 22 Industry and stakeholders have advised it would be advantageous to cite the new 2024 standard as it provides clearer guidance on inverter technologies and export scenarios. Additionally, the updated standard includes less burdensome requirements for grid outages and aligns New Zealand with Australia's current practices.

Including a 12-month transition period for all standards

- 23 For most standards, Cabinet agreed that the new standards be cited with immediate effect, accompanied by a 12-month transition period during which either the old or the new standard could be used. This approach was not initially applied to all standards, with some not having a transition period.
- 24 I have made a change to ensure that all standards now include a 12-month transition period.
- 25 This provides businesses with a period to complete projects started and/or shift inventory ordered under current standards, reducing any issues with transitioning between the standards. It also does not preclude immediate uptake of the new standards where businesses are able.
- 26 Where standards apply to new items not previously covered, there will be a 12-month transitional period before compliance is required. This would enable the public to use

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both the new and previous standard for 12 months. In-process items can continue under the old law/standards.

Making minor amendments to citations of standards

- 27 I have made minor amendments to citations of standards based on advice from MBIE and WorkSafe officials to better reflect current and international practice.

Expanding the permitted voltage range on low voltage networks

- 28 The expanded voltage supply to installations was approved by Cabinet on 31 March 2025 [EXP-25-MIN-0021 refers]. It was agreed to use this update as the vehicle to enable these changes.
- 29 The changes to the regulations are included in the draft Electricity (Safety) Amendment Regulations 2025 as Regulation 7.
- 30 These regulations amend the permitted voltage range for electricity supplied through low voltage distribution networks to increase the permitted tolerance range from $\pm 6\%$ to $\pm 10\%$.
- 31 Expanding the permitted voltage range on low voltage electricity networks will allow for greater integration of rooftop solar and EV charging without costly infrastructure upgrades, ultimately lowering costs for consumers. This change will also help consumers export higher volumes of electricity to the grid and get more value from solar exports, as well as align New Zealand's regulations with international standards and approaches.

Timing and 28-day rule

- 32 A waiver of the 28-day rule is not sought. The Amendment Regulations will take effect on 13 November, which is 28 days after they will be notified in the New Zealand Gazette.

Compliance

- 33 The proposed Amendment Regulations comply with each of the following:
- 33.1 the principles of the Treaty of Waitangi;
 - 33.2 the rights and freedoms contained in the New Zealand Bill of Rights Act 1990 or the Human Rights Act 1993;
 - 33.3 the principles and guidelines set out in the Privacy Act 2020;
 - 33.4 relevant international standards and obligations;
 - 33.5 the Legislation Guidelines (2021 edition).
- 34 It is a statutory prerequisite in Section 54 (6) of the Gas Act 1992 to consult the Environmental Protection Authority (EPA) before making any regulations under the act, and to take into account any submissions made by the Authority.

35 The EPA were consulted and had no submissions.

Regulations Review Committee

36 I do not consider there to be any grounds for the Regulations Review Committee to draw these regulations to the attention of the House of Representatives under Standing Order 327.

Certification by Parliamentary Counsel

37 The draft Electricity (Safety) Amendment Regulations 2025 and the draft Gas (Safety and Measurement) Amendment Regulations 2025 have been certified by the Parliamentary Counsel Office (PCO) as being in order for submission to Cabinet.

Impact Analysis

38 The Ministry for Regulation determined that this proposal is exempt from the requirement to provide a Regulatory Impact Statement on the grounds that it has no or only minor impacts on businesses, individuals, and not-for-profit entities.

Publicity

39 I will issue a press release to inform the public of the revised regulations. The regulations will be notified in the Gazette. The Ministry of Business, Innovation and Employment and WorkSafe New Zealand will communicate the approval of these regulations to the sector.

Proactive release

40 This paper will be published on the MBIE's website, subject to redactions as appropriate under the Official Information Act 1982.

Consultation

41 The following agencies have been consulted on this paper: WorkSafe New Zealand, the Commerce Commission, The Treasury, Ministry of Transport, New Zealand Transport Authority, Electricity Authority, Accident Compensation Corporation, Environmental Protection Authority, New Zealand Trade and Enterprise, Standards New Zealand, Ministry of Foreign Affairs and Trade. The Department of the Prime Minister and Cabinet was informed of the contents of this paper.

Recommendations

I recommend that the Cabinet Legislation Committee:

- 1 note that on 23 October 2024 the Cabinet Economic Policy Committee agreed to a substantial update and/or introduction of approximately 440 citations across the Electricity (Safety) Regulations 2010 and the Gas (Safety and Measurement) Regulations 2010 [ECO-24-MIN-0240];
- 2 note the 31 March 2025 Cabinet decision to expand the permitted voltage range on low voltage networks (Regulation 7) [EXP-25-MIN-0021 refers];

IN C O N F I D E N C E

- 3 agree to apply the Electricity (Safety) Amendment Regulations 2025 to e-transporters;
- 4 note that the attached Electricity (Safety) Amendment Regulations 2025 and the Gas (Safety and Measurement) Amendment Regulations 2025 will give effect to the decisions referred to in paragraph 1 above;
- 5 note that the attached Electricity (Safety) Amendment Regulations 2025 will also give effect to the decision in paragraph 2 and the proposal in paragraph 3 above;
- 6 note the amendments provide for a one year transitional period during which people may choose to continue to use the old standards, or switch to the new standards;
- 7 authorise the submission to the Executive Council of the Electricity (Safety) Amendment Regulations 2025 and Gas (Safety and Measurement) Amendment Regulations 2025;
- 8 note that the Electricity (Safety) Amendment Regulations 2025 and the Gas (Safety and Measurement) Amendment Regulations 2025 will come into force on 13 November 2025.

Authorised for lodgement

Hon Simon Watts

Minister for Energy

**Gas (Safety and Measurement) Amendment Regulations
2025**

Order in Council

At Wellington this day of 2025

Present:
in Council

These regulations are made under section 54 of the Gas Act 1992—

- (a) on the advice and with the consent of the Executive Council; and
- (b) on the recommendation of the Minister for Energy made after consulting the Environmental Protection Authority in accordance with section 54(6) of that Act.

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Gas (Safety and Measurement) Amendment Regulations 2025		
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Regulations

1	Title	
	These regulations are the Gas (Safety and Measurement) Amendment Regulations 2025.	
2	Commencement	
	These regulations come into force on 13 November 2025.	
3	Principal regulations	
	These regulations amend the Gas (Safety and Measurement) Regulations 2010.	
4	Regulation 3 amended (Interpretation)	
	In regulation 3(4), after “Schedule 1”, insert “and include the modifications set out in that schedule”.	
5	New regulation 5B and cross-heading inserted	
	After regulation 5A, insert:	
	<i>Transitional, savings, and related provisions</i>	
5B	Transitional, savings, and related provisions	
	The transitional, savings, and related provisions set out in Schedule 1AA have effect according to their terms.	

- 6 Regulation 25 amended (Operators of distribution systems must keep records and plans)**
In regulation 25(2), delete “either Part 3 of NZS 5258 (to the extent that that Part relates to records or plans of distribution systems), or”.
- 7 Regulation 26 amended (Owners and operators of distribution systems must ensure continuity of supply and safety)**
(1) In regulation 26(2), replace “Part 1 (network management) of AS/NZS 4645, or compliance with Part 3 of NZS 5258,” with “AS/NZS 4645”.
(2) Revoke regulation 26(3).
- 8 Regulation 27 amended (Duties of owners and operators of distribution systems in relation to work carried out on systems)**
In regulation 27(2), delete “NZS 5258 or”.
- 9 Regulation 33 amended (Substantive requirements of safety management systems)**
In regulation 33(f), replace “NZS 5258” with “Part 1 of AS/NZS 4645”.
- 10 Regulation 44 amended (Safety of gas installations)**
Replace regulation 44(5)(a) with:
(a) despite anything to the contrary in AS/NZS 5601.1, a gas installation that has a design capacity to consume 60,000 megajoules or more of gas per hour need not meet the requirements of—
(i) paragraph 8 of clause 2.6.2, or paragraph 7 of clause 2.6.6, of AS/NZS 5601.1:2013; or
(ii) paragraph 8 of clause 2.2.5.2, or paragraph 7 of clause 2.2.5.5, of AS/NZS 5601.1:2022; and
- 11 Regulation 53A amended (Certain electric blankets deemed to be safe)**
In regulation 53A, replace “CSA 22.2.46:2013” with “CSA C22.2 No.46”.
- 12 Regulation 76 amended (Measurement of CNG)**
In regulation 76(3), replace “Division 3.3 of NZS 5425.3” with “NZS 5425.3.3”.
- 13 New Schedule 1AA inserted**
Insert the Schedule 1AA set out in Schedule 1 of these regulations as the first schedule to appear after the last regulation of the principal regulations.
- 14 Schedule 1 amended**
Amend Schedule 1 as set out in Schedule 2 of these regulations.

15 Schedule 2A amended

Amend Schedule 2A as set out in Schedule 3 of these regulations.

Schedule 1
New Schedule 1AA inserted

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Schedule 1AA
Transitional, savings, and related provisions

r 5B

Part 1
Provisions relating to Gas (Safety and Measurement) Amendment Regulations 2025

1 Transitional period for complying with new standards

- (1) This clause applies to any provision in these regulations that—
- (a) requires compliance with an official standard; or
 - (b) provides that compliance with an official standard is proof of compliance with a provision of these regulations.
- (2) Until the close of 12 November 2026, a person is treated as complying with the provision if they comply with the applicable official standard (if any) referred to in these regulations as in force immediately before 13 November 2025.
- (3) If there is no applicable official standard referred to in these regulations as in force immediately before 13 November 2025, a person need not comply with a provision referred to in subclause (1)(a) until after the close of 12 November 2026.

2 Transitional period for certification bodies

- (1) Until the close of 12 November 2026, the following bodies may certify gas appliances and specified fittings for the purposes of regulation 54(3) (in addition to the bodies specified in clause 1 of Schedule 2A):
- (a) a body that is working within the certification regime of EU Directive 2009/142/EC;
 - (b) for appliances that are not covered by EU Directive 2009/142/EC, a body that is working within the certification regime of EU Directive 90/396/ECC.
- (2) Clause 2 of Schedule 2A applies to a certification body referred to in subclause (1)(a) or (b).

3 Existing and in-process distribution systems, gas installations, fittings, and gas appliances

- (1) This clause applies to distribution systems, gas installations, fittings, and gas appliances that, immediately before 13 November 2025, were—
- (a) installed, for sale, or in use in New Zealand; or
 - (b) under construction or being installed in New Zealand; or
 - (c) in transit to New Zealand; or
 - (d) the subject of an irrevocable purchasing order by a person in New Zealand.
- (2) Despite anything to the contrary in these regulations (but subject to subclause (3)),—
- (a) the distribution systems, gas installations, fittings, and gas appliances may continue to be constructed, installed, sold, used, or maintained provided that they—
 - (i) are not unsafe; and
 - (ii) complied immediately before 13 November 2025, and continue to comply, with the requirements of these regulations as in force immediately before 13 November 2025; and
 - (b) the gas installations that meet the requirements in paragraph (a)(ii) may be tested, certified, or inspected in accordance with the requirements of these regulations as in force immediately before 13 November 2025.
- (3) However, if a fitting or gas appliance is certified for the purpose of regulation 54 after 12 November 2026, it must be certified in accordance with Schedule 2A as amended by the Gas (Safety and Measurement) Amendment Regulations 2025.

Schedule 2

Schedule 1 amended

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In Schedule 1, replace the second table with:

Abbreviations used in regulations	Full title (and any modifications)
AS/NZS 4645	AS/NZS 4645.1:2018 Gas distribution networks—Part 1: Network management, AS/NZS 4645.2:2018 Gas distribution networks—Part 2: Steel pipe systems, and AS/NZS 4645.3:2018 Gas distribution networks—Part 3: Plastics pipe systems
AS/NZS 5601.1	AS/NZS 5601.1:2022 Gas installations—Part 1: General installations, including Amendments 1 and 2, subject to the following modification: 1. In clause 6.6.5, final paragraph, after “ <i>certified</i> ”, insert “or endorsed” <i>or</i> AS/NZS 5601.1:2013 Gas installations—Part 1: General installations, including Amendments 1, 2, 3, and 4, subject to the following modifications: 1. In clause 4.7.3, delete “compression joints, union joints,” 2. Delete clause 5.1.8 3. In clause 6.6.5, final paragraph, after “ <i>certified</i> ”, insert “or endorsed”
AS/NZS 5601.2	AS/NZS 5601.2:2020 Gas installations—Part 2: LP Gas installations in caravans and boats for non-propulsive purposes, including Amendments 1 and 2, subject to the following modifications: 1. Delete clause 2.13.2 2. In clause 2.13.3.3(a), replace “2.75” with “3.5” 3. In clause 5.2.9, first paragraph, delete “compression joints, union joints,” 4. Delete section 10
AS/NZS 60079.10.1	AS/NZS 60079.10.1:2009 Explosive atmospheres—Part 10.1: Classification of areas—Explosive gas atmospheres, including Amendment 1 <i>or</i> AS/NZS IEC 60079.10.1:2022 Explosive atmospheres—Part 10.1: Classification of areas—Explosive gas atmospheres <i>or</i> AS/NZS IEC 60079.10.1:2022 Explosive atmospheres—Part 10.1: Classification of areas—Explosive gas atmospheres, in conjunction with AS/NZS IEC 60079.10.1:2022 Sup 1:2022 Explosive atmospheres—Part 10.1: Classification of areas—Explosive gas atmospheres—Commentary (Supplement 1 to AS/NZS IEC 60079.10.1:2022)
AS/NZS 60079.10.2	AS/NZS 60079.10.2:2016 Explosive atmospheres—Part 10.2: Classification of areas—Explosive dust atmospheres
CSA C22.2 No.46	CSA C22.2 No. 46-13 (R2018) Electric air-heaters
ISO 17020	AS/NZS ISO/IEC 17020:2013 Conformity assessment—Requirements for the operation of various types of bodies performing inspection
ISO 17025	NZS ISO/IEC 17025:2018 General requirements for the competence of testing and calibration laboratories
NZS 5255	NZS 5255:2014 Safety verification of existing gas installations, including Amendment 1

Abbreviations used in regulations	Full title (and any modifications)
NZS 5256	NZS 5256:2014 Verification of the safety of gas appliances
NZS 5259	NZS 5259:2015 Gas measurement
NZS 5263	NZS 5263:2003 Gas detection and odorization, including Amendment 1
NZS 5266	NZS 5266:2014 Safety of gas appliances
NZS 5425.1	NZS 5425.1:1994 Code of practice for CNG compressor and refuelling stations—Part 1: On site storage and location of equipment, including Amendment 1
NZS 5425.2	NZS 5425.2:1996 Code of practice for CNG compressor and refuelling stations—Part 2: Compressor equipment
NZS 5425.3.3	NZS 5425.3.3:1984 Code of practice for CNG compressor and refuelling stations—Part 3: Metering devices—Division 3.3: Requirements for type approval of on-line metering devices, including Amendment 1
NZS 5425.4	NZS 5425.4:1994 Code of practice for CNG compressor and refuelling stations—Part 4: CNG trickle fill stations on commercial and industrial premises, including Amendment 1
NZS 5435	NZS 5435:1996 Specification for liquefied petroleum gas (LPG), including Amendment 1
NZS 5442	NZS 5442:2008 Specification for reticulated natural gas
NZS 7901	NZS 7901:2014 Electricity and gas industries—Safety management systems for public safety
NZS/AS 3645.2	NZS/AS 3645.2:2012 Essential requirements for gas equipment—Part 2: Certification
UL 130	UL 130 Ed.13 (2015) Standard for Electric Heating Pads
UL 499	UL 499 Ed.14 (2023) Electric Heating Appliances

Schedule 3 Schedule 2A amended

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Clause 1

In Schedule 2A, replace clause 1(a) with:

- (a) a body that is working within either of the following certification regimes:
 - (i) Regulation (EU) 2016/426 of the European Parliament and of the Council of the European Union:
 - (ii) Gas Appliances (Enforcement) and Miscellaneous Amendments Regulations 2018 (UK):

In Schedule 2A, clause 1(h), replace “NZS/AS 3645:2010 Part 2” with “NZS/AS 3645.2”.

In Schedule 2A, after clause 1(g) insert:

- (ga) BSI Group ANZ Holdings Pty Ltd:

Clause 2

In Schedule 2A, heading to clause 2, replace “**EU Directive 2009/142/EC or EU Directive 90/396/ECC**” with “**Regulation (EU) 2016/426 or Gas Appliances (Enforcement) and Miscellaneous Amendments Regulations 2018 (UK)**”.

Replace clause 2(1) with:

- (1) This clause applies to a gas appliance or specified fittings certified by a body that is working within the certification regime of—
 - (a) Regulation (EU) 2016/426 of the European Parliament and of the Council of the European Union; or
 - (b) Gas Appliances (Enforcement) and Miscellaneous Amendments Regulations 2018 (UK).

In Schedule 2A, replace clause 2(c) and (d) with:

- (c) a natural gas appliance must be certified to Category I_{2E} or I_{2H}:
- (d) a cabinet heater must be fitted with a label and notice that complies with Figure A1 and Figure A2 in Appendix A of NZS/AS 3645.2.

In Schedule 2A, replace clause 2(6) with:

- (6) In subclause (7),—
 - standard A** means EN 30-1-1:2021 + A1:2023 Domestic cooking appliances burning gas—Part 1-1: Safety—General
 - standard B** means EN 203-1:2021 + A1:2023 Gas heated catering equipment—Part 1: General safety requirements.

In Schedule 2A, clause 2(7), replace the table with:

**Gas (Safety and Measurement) Amendment Regulations
2025**

Schedule 3

Clause 2—continued

Appliance and/or fittings type	Applicable standard
Absorption refrigerators	EN 732:1999 Specifications for dedicated liquefied petroleum gas appliances—Absorption refrigerators
Appliances having a glass ceramic hotplate	Standard A in conjunction with EN 30-1-3:2003 + A1:2006 Domestic cooking appliances burning gas—Part 1-3: Safety—Appliances having a glass ceramic hotplate
Appliances having forced-convection ovens and/or grills	Standard A in conjunction with EN 30-1-2:2023 Domestic cooking appliances burning gas—Part 1-2: Safety—Appliances having forced-convection ovens
Appliances having 1 or more burners with an automatic burner control system	Standard A in conjunction with EN 30-1-4:2012 Domestic cooking appliances burning gas—Safety: Part 1-4—Appliances having one or more burners with an automatic burner control system
Barbecues for outdoor use contact grills included	EN 498:2012 Specification for dedicated liquefied petroleum gas appliances—Barbecues for outdoor use contact grills included
Boiling pans	Standard B in conjunction with EN 203-2-3:2015 Gas heated catering equipment—Part 2-3: Specific requirements—Boiling pans
Brat pans and paella cookers	Standard B in conjunction with EN 203-2-8:2016 Gas heated catering equipment—Part 2-8: Specific requirements—Brat pans and paella cookers
Chargrills	Standard B in conjunction with EN 203-2-10:2007 Gas heated catering equipment—Part 2-10: Specific requirements—Chargrills
Decorative fuel-effect gas appliances	EN 509:1999 + A1:2003 + A2:2004 Decorative fuel-effect gas appliances
Domestic combination hot water and central heating boilers	EN 15502-1:2021 + A1:2023 Gas-fired heating boilers—Part 1: General requirements and tests, in conjunction with EN 15502-2-1:2022 Gas-fired central heating boilers—Part 2-1: Specific standard for type C appliances and type B2, B3 and B5 appliances of a nominal heat input not exceeding 1 000 kW or EN 15502-1:2021 + A1:2023 Gas-fired heating boilers—Part 1: General requirements and tests, in conjunction with EN 15502-2-2:2014 Gas-fired central heating boilers—Part 2-2: Specific standard for type B1 appliances
Domestic combination hot water and central heating boilers: hybrid units combining a gas-fired boiler and an electrical heat pump in a product	EN 15502-1:2021 + A1:2023 Gas-fired heating boilers—Part 1: General requirements and tests, in conjunction with EN 15502-2-3:2023 Gas-fired central heating boilers—Part 2-3: Specific standard for hybrid units combining a gas-fired boiler and an electrical heat pump in a product
Domestic flueless space heaters, including cabinet heaters	EN 449:2002 + A1:2007 Specification for dedicated liquefied petroleum gas appliances—Domestic flueless space heaters (including diffusive catalytic combustion heaters)

Clause 2—continued

Appliance and/or fittings type	Applicable standard
Forced draught burners for gaseous fuels	EN 676:2020 Forced draught burners for gaseous fuels, subject to the variation that the appliance must be assessed and installed, prior to commissioning, to meet the requirements of clause A2.2(a), (b), and (c) of NZS 5266
Fryers	Standard B in conjunction with EN 203-2-4:2021 Gas heated catering equipment—Part 2-4: Specific requirements—Fryers
Fuel cell gas heating appliances	EN 62282-3-400:2016 Fuel cell technologies—Part 3-400: Stationary fuel cell power systems—Small stationary fuel cell power system with combined heat and power output, in conjunction with IEC 62282-2:2012 Fuel cell technologies—Part 2: Fuel cell modules and IEC 62282-3-201:2013 Fuel cell technologies—Part 3-201: Stationary fuel cell power systems—Performance test methods for small fuel cell power systems
Gas-fired absorption and adsorption air-conditioning and/or heat pump appliances	EN 12309-1:2023 Gas-fired sorption appliances for heating and/or cooling with a net heat input not exceeding 70 kW—Terms and definitions, in conjunction with EN 12309-2:2015/AC:2015 Gas-fired sorption appliances for heating and/or cooling with a net heat input not exceeding 70 kW—Part 2: Safety
Gas fired central heating boilers: Type B boilers of nominal heat input exceeding 300 kW, but not exceeding 1,000 kW	EN 13836:2006 Gas fired central heating boilers—Type B boilers of nominal heat input exceeding 300 kW, but not exceeding 1 000 kW
Gas-fired central heating boilers of nominal heat input exceeding 70 kW, but not exceeding 300 kW	EN 15502-2-1:2022 Gas-fired central heating boilers—Part 2-1: Specific standard for type C appliances and type B2, B3 and B5 appliances of a nominal heat input not exceeding 1 000 kW, in conjunction with EN 15502-1:2021 + A1:2023 Gas-fired heating boilers—Part 1: General requirements and tests <i>or</i> EN 15502-1:2021 + A1:2023 Gas-fired heating boilers—Part 1: General requirements and tests, in conjunction with EN 15502-2-2:2014 Gas-fired central heating boilers—Part 2-2: Specific standard for type B1 appliances
Gas-fired central heating boilers of nominal heat input not exceeding 70 kW	EN 15502-2-1:2022 Gas-fired central heating boilers—Part 2-1: Specific standard for type C appliances and type B2, B3 and B5 appliances of a nominal heat input not exceeding 1 000 kW, in conjunction with EN 15502-1:2021 + A1:2023 Gas-fired heating boilers—Part 1: General requirements and tests <i>or</i>

Clause 2—continued

Appliance and/or fittings type	Applicable standard
	EN 15502-1:2021 + A1:2023 Gas-fired heating boilers—Part 1: General requirements and tests, in conjunction with EN 15502-2-2:2014 Gas-fired central heating boilers—Part 2-2: Specific standard for type B1 appliances
Gas-fired instantaneous water heaters	EN 26:2023 Gas-fired instantaneous water heaters for the production of domestic hot water
Gas-fired overhead luminous radiant heaters	EN 419:2019 Gas-fired overhead luminous radiant heaters for non-domestic use—Safety and energy efficiency
Gas-fired storage water heaters	EN 89:2015/PRA1:2016 Gas-fired storage water heaters for the production of domestic hot water
Gas-fired type B tumble dryers	EN 12752-1:1999 Gas-fired type B tumble dryers of nominal heat input not exceeding 20 kW—Part 1: Safety
General domestic cooking appliances	Standard A
General gas heated catering equipment	Standard B
Hot water heaters for beverage	Standard B in conjunction with EN 203-2-6:2005 Gas heated catering equipment—Part 2-6: Specific requirements—Hot water heaters for beverage
Independent gas-fired convection heaters	EN 1266:2002 Independent gas-fired convection heaters incorporating a fan to assist transportation of combustion air and/or flue gases <i>and</i> EN 613:2021 Independent closed-fronted gas-fired type B11, type C11, type C31 and type C91 heaters
Independent gas-fired flueless space heaters	EN 14829:2007 Independent gas-fired flueless space heaters for nominal heat input not exceeding 6 kW
Independent hotplates, including those incorporating a grill for outdoor use	EN 484:2019/AC:2020 Specification for dedicated liquefied petroleum gas appliances—Independent stoves, including those incorporating a grill for outdoor use
Mobile and portable non-domestic forced convection direct fired air heaters	EN 1596:1998/A1:2004 Specification for dedicated liquefied petroleum gas appliances—Mobile and portable non-domestic forced convection direct fired air heaters
Multi-purpose boiling burners for outdoor use	EN 497:2022 Specification for dedicated liquefied petroleum gas appliances—Multi purpose boiling burners for outdoor use—Cooking vessels with a diameter greater than 300 mm
Non-domestic direct gas-fired forced convection air heaters for space heating	EN 17082:2019 Domestic and non-domestic gas-fired forced convection air heaters for space heating not exceeding a net heat input of 300 kW
Open burners and wok burners	Standard B in conjunction with EN 203-2-1:2021 Gas heated catering equipment—Part 2-1: Specific requirements—Open burners and wok burners
Ovens	Standard B in conjunction with EN 203-2-2:2021 Gas heated catering equipment—Part 2-2: Specific requirements—Ovens

Clause 2—continued

Appliance and/or fittings type	Applicable standard
Parasol patio heaters—Flueless radiant heaters for outdoor or amply ventilated area use	EN 14543:2017 Specification for dedicated liquefied petroleum gas appliances—Parasol patio heaters—Flueless radiant heaters for outdoor or amply ventilated area use
Pasta cookers	Standard B in conjunction with EN 203-2-11:2006 Gas heated catering equipment—Part 2-11: Specific requirements—Pasta cookers
Portable vapour pressure liquefied petroleum gas appliances	Standard A in conjunction with EN 521:2019 + AC:2019 Specifications for dedicated liquefied petroleum gas appliances—Portable vapour pressure liquefied petroleum gas appliances
Room sealed LPG space heating equipment for installation in vehicles and boats	EN 624:2011 Specification for dedicated LPG appliances—Room sealed LPG space heating equipment for installation in vehicles and boats
Room sealed storage water heaters for the production of sanitary hot water using LPG for vehicles and boats	EN 15033:2006/AC:2008 Room sealed storage water heaters for the production of sanitary hot water using LPG for vehicles and boats
Salamanders and rotisseries	Standard B in conjunction with EN 203-2-7:2014 Gas heated catering equipment—Part 2-7: Specific requirements—Salamanders and rotisseries
Single burner gas-fired overhead radiant tube heaters	EN 416:2019 Gas-fired overhead radiant tube heaters and radiant tube heater systems for non-domestic use—Safety and energy efficiency
Solid tops, warming plates, and griddles	Standard B in conjunction with EN 203-2-9:2005 Gas heated catering equipment—Part 2-9: Specific requirements—Solid tops, warming plates and griddles

Clause 3

In Schedule 2A, clause 3(3), replace the table with:

Appliance and/or fittings type	Applicable standard
Gas clothes dryers	CSA/ANSI Z21.5.1-22/CSA 7.1-2022 Gas clothes dryers, volume I, type 1 clothes dryers
Gas-fired low-intensity infrared heaters	ANSI Z83.20-2016/CSA 2.34-2016 (R2021) Gas-fired tubular and low-intensity infrared heaters
Gas-fired low pressure steam and hot water boilers	CSA/ANSI Z21.13-22/CSA 4.9-2022 Gas-fired low-pressure steam and hot water boilers
Gas-fired outdoor infrared patio heaters	CSA/ANSI Z83.26-20/CSA 2.37-2020 Gas-fired outdoor infrared patio heaters
Gas-fired unvented room heaters	CSA/ANSI Z21.11.2-2019 Gas-fired room heaters, volume II, unvented room heaters
Gas-fired waterless toilets	CSA CGA 5.2:71 (R2019) Gas-Fired Waterless Toilets
Gas food service equipment	CSA ANSI Z83.11-2016 (R2021)/CSA 1.8-2016 (R2021) Gas food service equipment
Gas storage water heaters with input ratings above 75,000 Btu per hour	CSA/ANSI Z21.10.3-19/CSA 4.3-2019 Gas-fired water heaters, volume III, storage water heaters with input ratings above 75,000 Btu per hour, circulating and instantaneous

Clause 3—*continued*

Appliance and/or fittings type	Applicable standard
Gas storage water heaters with input ratings of 75,000 Btu per hour or less	CSA/ANSI Z21.10.1-19/CSA 4.1-2019 Gas water heaters, volume I, storage water heaters with input ratings of 75,000 Btu per hour or less
Household cooking gas appliances	CSA/ANSI Z21.1-2018/CSA 1.1-2018 Household cooking gas appliances
Outdoor cooking gas appliances	CSA/ANSI Z21.58-22/CSA 1.6-2022 Outdoor cooking gas appliances
Outdoor cooking specialty gas appliances	CSA/ANSI Z21.89-23/CSA 1.18-2023 Outdoor cooking specialty gas appliances
Outdoor decorative gas appliances	CSA ANSI Z21.97-2017 (R2022)/CSA 2.41-2017 (R2022) Outdoor decorative gas appliances
Portable type gas camp stoves	CSA/ANSI Z21.72-19/CSA 11.2-2019 Portable type gas camp stoves
Portable type gas camp heaters	CSA/ANSI Z21.63-19/CSA 11.3-2019 Portable type gas camp heaters
Portable type gas camp lights	ANSI Z21.73-2017/CSA 11.1-2017 Portable type gas camp lights
Vented gas fireplace heaters	CSA/ANSI Z21.88-19/CSA 2.33-2019 Vented gas fireplace heaters
Vented gas fireplaces	CSA/ANSI Z21.50-19/CSA 2.22-2019 Vented decorative gas appliances
Vented gas-fired space heating appliances	ANSI Z21.86-2016/CSA 2.32-2016 Vented gas-fired space heating appliances

Clause 4

In Schedule 2A, heading to clause 4, replace “**or Australian Gas Association, or Global-Mark Pty Ltd**” with “**Australian Gas Association, Global-Mark, or BSI Group ANZ Holdings**”.

In Schedule 2A, after clause 4(1)(d), insert:

(e) BSI Group ANZ Holdings Pty Ltd.

In Schedule 2A, clause 4(3), replace the table with:

Appliance and/or fittings type	Applicable standard
Atmospheric steamers	AS 4563:2022 Commercial catering gas equipment, including Amendment 1
Balanced flue convection heaters	AS/NZS 5263.1.3:2021 Gas appliances—Part 1.3: Gas space heating appliances, including Amendment 1, in conjunction with AS/NZS 5263.0:2023 Gas appliances—Part 0: General requirements
Barbecues, charbroilers and rotisseries	AS 4563:2022 Commercial catering gas equipment, including Amendment 1
Boilers (central heating and/or water heating)	AS/NZS 5263.1.2:2020 Gas appliances—Part 1.2: Gas fired water heaters for hot water supply and/or central heating, in conjunction with AS/NZS 5263.0:2023 Gas appliances—Part 0: General requirements

Clause 4—continued

Appliance and/or fittings type	Applicable standard
Boiling tables (open and closed top)	AS 4563:2022 Commercial catering gas equipment, including Amendment 1
Boiling water units	AS 4563:2022 Commercial catering gas equipment, including Amendment 1
Built-in cookers and ovens	AS/NZS 5263.1.1:2020 Gas appliances—Part 1.1: Domestic gas cooking appliances, in conjunction with AS/NZS 5263.0:2023 Gas appliances—Part 0: General requirements
Camping lanterns	AS/NZS 2658:2022 LP Gas—Portable and mobile appliances
Caravan and marine cookers	AS/NZS 5263.1.1:2020 Gas appliances—Part 1.1: Domestic gas cooking appliances, in conjunction with AS/NZS 5263.0:2023 Gas appliances—Part 0: General requirements
Chinese cooking tables	AS 4563:2022 Commercial catering gas equipment, including Amendment 1
Cookers and barbecues	AS/NZS 2658:2022 LP Gas—Portable and mobile appliances
Counter top cookers	AS/NZS 5263.1.1:2020 Gas appliances—Part 1.1: Domestic gas cooking appliances, in conjunction with AS/NZS 5263.0:2023 Gas appliances—Part 0: General requirements
Domestic gas refrigerators	AS/NZS 5263.1.5:2019 Gas appliances—Part 1.5: Domestic gas refrigerators, in conjunction with AS/NZS 5263.0:2023 Gas appliances—Part 0: General requirements
Domestic outdoor gas barbecues	AS/NZS 5263.1.1:2020 Gas appliances—Part 1.1: Domestic gas cooking appliances, in conjunction with AS/NZS 5263.0:2023 Gas appliances—Part 0: General requirements
Duct and unit heaters	AS/NZS 5263.1.6:2020 Gas appliances—Part 1.6: Indirect gas-fired ducted air heaters, in conjunction with AS/NZS 5263.0:2023 Gas appliances—Part 0: General requirements
Ducted heaters	AS/NZS 5263.1.6:2020 Gas appliances—Part 1.6: Indirect gas-fired ducted air heaters, in conjunction with AS/NZS 5263.0:2023 Gas appliances—Part 0: General requirements
Elevated cookers	AS/NZS 5263.1.6:2020 Gas appliances—Part 1.6: Indirect gas-fired ducted air heaters, in conjunction with AS/NZS 5263.0:2023 Gas appliances—Part 0: General requirements
Equipment for use with refillable cylinders	AS/NZS 2658:2022 LP Gas—Portable and mobile appliances
Exterior gas lights	AS/NZS 5263.1.8:2021 Gas appliances—Part 1.8: Decorative effect gas appliances, including Amendment 1, in conjunction with AS/NZS 5263.0:2023 Gas appliances—Part 0: General requirements
Flued radiant/convection heaters	AS/NZS 5263.1.3:2021 Gas appliances—Part 1.3: Gas space heating appliances, including

Clause 4—*continued*

Appliance and/or fittings type	Applicable standard
	Amendment 1, in conjunction with AS/NZS 5263.0:2023 Gas appliances—Part 0: General requirements
Flueless convection heaters	AS/NZS 5263.1.3:2021 Gas appliances—Part 1.3: Gas space heating appliances, including Amendment 1, in conjunction with AS/NZS 5263.0:2023 Gas appliances—Part 0: General requirements
Flueless radiant/convection heaters	AS/NZS 5263.1.3:2021 Gas appliances—Part 1.3: Gas space heating appliances, including Amendment 1, in conjunction with AS/NZS 5263.0:2023 Gas appliances—Part 0: General requirements
Food warmers including bains marie	AS/NZS 5263.1.3:2021 Gas appliances—Part 1.3: Gas space heating appliances, including Amendment 1, in conjunction with AS/NZS 5263.0:2023 Gas appliances—Part 0: General requirements
Freestanding cookers	AS/NZS 5263.1.1:2020 Gas appliances—Part 1.1: Domestic gas cooking appliances, in conjunction with AS/NZS 5263.0:2023 Gas appliances—Part 0: General requirements
Fryers	AS 4563:2022 Commercial catering gas equipment, including Amendment 1
Gas boosted solar water heaters	AS/NZS 5263.1.2:2020 Gas appliances—Part 1.2: Gas fired water heaters for hot water supply and/or central heating, in conjunction with AS/NZS 5263.0:2023 Gas appliances—Part 0: General requirements
Gas laundry dryers	AS/NZS 5263.1.9:2019 Gas appliances—Part 1.9: Gas laundry dryers, in conjunction with AS/NZS 5263.0:2023 Gas appliances—Part 0: General requirements
Gas log fires	AS/NZS 5263.1.8:2021 Gas appliances—Part 1.8: Decorative effect gas appliances, including Amendment 1, in conjunction with AS/NZS 5263.0:2023 Gas appliances—Part 0: General requirements
Gas pool heaters	AS/NZS 5263.1.12 Gas appliances—Part 1.12: Gas pool heaters
Hotplates	AS/NZS 5263.1.1:2020 Gas appliances—Part 1.1: Domestic gas cooking appliances, in conjunction with AS/NZS 5263.0:2023 Gas appliances—Part 0: General requirements
Indoor gas lights	AS/NZS 5263.1.8:2021 Gas appliances—Part 1.8: Decorative effect gas appliances, including Amendment 1, in conjunction with AS/NZS 5263.0:2023 Gas appliances—Part 0: General requirements
Industrial and commercial gas-fired appliances	AS 3814:2018 Industrial and commercial gas-fired appliances

Clause 4—continued

Appliance and/or fittings type	Applicable standard
Instantaneous water heaters	AS/NZS 5263.1.2:2020 Gas appliances—Part 1.2: Gas fired water heaters for hot water supply and/or central heating, in conjunction with AS/NZS 5263.0:2023 Gas appliances—Part 0: General requirements
LPG mobile industrial direct-fired air heaters	AS/NZS 5263.1.10:2019 Gas appliances—Part 1.10: Gas direct fired air heaters, in conjunction with AS/NZS 5263.0:2023 Gas appliances—Part 0: General requirements
Miscellaneous heaters	AS/NZS 5263.1.3:2021 Gas appliances—Part 1.3: Gas space heating appliances, including Amendment 1, in conjunction with AS/NZS 5263.0:2023 Gas appliances—Part 0: General requirements
Ovens	AS 4563:2022 Commercial catering gas equipment, including Amendment 1
Overhead radiant tube gas heaters	AS/NZS 5263.1.4:2017 Gas Appliances—Part 1.4: Radiant gas heaters, including Amendment 1, in conjunction with AS/NZS 5263.0:2023 Gas appliances—Part 0: General requirements
Pasta cookers and rethermalisers	AS 4563:2022 Commercial catering gas equipment, including Amendment 1
Radiant gas heaters for outdoor and non-residential indoor use	AS/NZS 5263.1.4:2017 Gas Appliances—Part 1.4: Radiant gas heaters, including Amendment 1, in conjunction with AS/NZS 5263.0:2023 Gas appliances—Part 0: General requirements
Ranges	AS 4563:2022 Commercial catering gas equipment, including Amendment 1
Salamanders, grillers and griddles	AS 4563:2022 Commercial catering gas equipment, including Amendment 1
Space heaters	AS/NZS 2658:2022 LP Gas—Portable and mobile appliances
Stockpots and brat pans	AS 4563:2022 Commercial catering gas equipment, including Amendment 1
Storage water heaters	AS/NZS 5263.1.2:2020 Gas appliances—Part 1.2: Gas fired water heaters for hot water supply and/or central heating, in conjunction with AS/NZS 5263.0:2023 Gas appliances—Part 0: General requirements
Wall furnaces	AS/NZS 5263.1.3:2021 Gas appliances—Part 1.3: Gas space heating appliances, including Amendment 1, in conjunction with AS/NZS 5263.0:2023 Gas appliances—Part 0: General requirements
Wall ovens	AS/NZS 5263.1.1:2020 Gas appliances—Part 1.1: Domestic gas cooking appliances, in conjunction with AS/NZS 5263.0:2023 Gas appliances—Part 0: General requirements

Clerk of the Executive Council.

Explanatory note

This note is not part of the regulations but is intended to indicate their general effect.

These regulations, which come into force on 13 November 2025, amend the Gas (Safety and Measurement) Regulations 2010 (the **principal regulations**).

The amendments incorporate updated New Zealand and international standards and update the bodies that may certify gas appliances and fittings.

The amendments provide for a 1-year transitional period during which people may choose to continue to use the old standards or switch to the new standards (*see clause 1 of new Schedule 1AA*). If the amendments apply standards to new items not previously covered, a person has until 13 November 2026 to comply with these standards.

A 1-year transitional period also applies to the existing certification bodies (*see clause 2 of new Schedule 1AA*).

The transitional provisions clarify that items that are existing or in process before the commencement of the amendments can continue to be covered by the principal regulations as they were before the amendments, provided that the items are not unsafe (*see clause 3 of new Schedule 1AA*).

Issued under the authority of the Legislation Act 2019.

Date of notification in *Gazette*:

These regulations are administered by the Ministry of Business, Innovation, and Employment.

Electricity (Safety) Amendment Regulations 2025

Order in Council

At Wellington this day of 2025

Present:
in Council

These regulations are made under section 169 of the Electricity Act 1992 on the advice and with the consent of the Executive Council.

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Regulations

- 1

Title

These regulations are the Electricity (Safety) Amendment Regulations 2025.
- 2

Commencement

These regulations come into force on 13 November 2025.
- 3

Principal regulations

These regulations amend the Electricity (Safety) Regulations 2010.
- 4

Regulation 3 amended (Application: things these regulations do not apply to)

Replace regulation 3(b) with:

(b)

road vehicles other than—

(i)

road vehicles used in a mining operation; and

(ii)

electrically power assisted cycles or personal-e-transporters (to the extent that standards specified in Schedule 4 apply to them):
- 5

Regulation 4 amended (Interpretation)

In regulation 4(4), after “Schedule 2”, insert “and include the modifications set out in that schedule”.
- 6

New regulation 8A and cross-heading inserted

After regulation 8, insert:

Transitional, savings, and related provisions

8A

Transitional, savings, and related provisions

The transitional, savings, and related provisions set out in Schedule 1AA have effect according to their terms.
- 2
- 4oa3djwdp 2025-11-05 13:30:19

7 Regulation 28 amended (Voltage supply to installations)

- (1) In regulation 28(1)(b), replace “6%” with “10%”.
- (2) In regulation 28(2)(b), replace “6%” with “10%”.

8 Regulation 60 amended (Certain installations must comply with Part 2 of AS/NZS 3000)

- (1) In regulation 60(1)(e), replace “AS/NZS 3001” with “AS/NZS 3001.2”.
- (2) In regulation 60(1)(f)(iv), replace “AS/NZS 3001” with “AS/NZS 3001.1”.
- (3) In regulation 60(2)(a), replace “AS/NZS 1677.2” with “AS/NZS 5149.1, AS/NZS 5149.2, AS/NZS 5149.3, and AS/NZS 5149.4”.
- (4) In regulation 60(2)(f), replace “AS 4777.1” with “AS/NZS 4777.1 (as applicable)”.

9 Regulation 75 amended (Periodic assessments of certain installations)

In regulation 75(1)(a), replace “AS/NZS 3001” with “AS/NZS 3001.1”.

10 Regulation 78 amended (Issue of warrants of electrical fitness for connectable installations)

In regulation 78(2), replace “AS/NZS 3001” with “AS/NZS 3001.2” in each place.

11 New Schedule 1AA inserted

Insert the Schedule 1AA set out in Schedule 1 of these regulations as the first schedule to appear after the last regulation of the principal regulations.

12 Schedule 2 amended

Amend Schedule 2 as set out in Schedule 2 of these regulations.

13 Schedule 4 amended

Amend Schedule 4 as set out in Schedule 3 of these regulations.

14 Schedule 8 amended

- (1) In Schedule 8, clause 37(2)(d)(ii), replace “AS/NZS 1299” with “AS 1299”.
- (2) In Schedule 8, clause 37(4), definition of **special protection “s”**, replace “AS/NZS 1826” with “AS/NZS 60079.33”.

Schedule 1
New Schedule 1AA inserted

r 11

Schedule 1AA
Transitional, savings, and related provisions

r 8A

Part 1
Provisions relating to Electricity (Safety) Amendment Regulations 2025

1 Transitional period for complying with new standards

- (1) This clause applies to any provision in these regulations that—
- (a) requires compliance with an official standard; or
 - (b) provides that compliance with an official standard is proof of compliance with a provision of these regulations.
- (2) Until the close of 12 November 2026, a person is treated as complying with the provision if they comply with the applicable official standard (if any) referred to in these regulations as in force immediately before 13 November 2025.
- (3) If there is no applicable official standard referred to in these regulations as in force immediately before 13 November 2025, a person need not comply with a provision referred to in subclause (1)(a) until after the close of 12 November 2026.

2 Existing and in-process works, installations, fittings, and appliances

- (1) This regulation applies to works, installations, fittings, and appliances that, immediately before 13 November 2025, were—
- (a) installed, for sale, or in use in New Zealand; or
 - (b) under construction or being installed in New Zealand; or
 - (c) in transit to New Zealand; or
 - (d) the subject of an irrevocable purchasing order by a person in New Zealand.
- (2) Despite anything to the contrary in these regulations, the works, installations, fittings, and appliances—
- (a) may continue to be constructed, installed, sold, used, or maintained provided that they—
 - (i) are not electrically unsafe; and

- (ii) complied immediately before 13 November 2025, and continue to comply, with the requirements of these regulations as in force immediately before 13 November 2025; and
- (b) may be tested, certified, or inspected in accordance with the requirements of these regulations as in force immediately before 13 November 2025 if they meet the requirements in paragraph (a)(ii).

Schedule 2

Schedule 2 amended

r 12

In Schedule 2, replace the second table with:

Abbreviation used in regulations	Full title (and any modifications)
AS 1299	AS 1299:2022 Electrical equipment for mines and quarries—Explosion-protected three-phase restrained and bolted cable coupling devices for working voltages up to and including 11 kV
AS 2290.1	AS 2290.1:2021 Electrical equipment for coal mines—Introduction, inspection and maintenance—Part 1: Hazardous areas
AS/NZS 1747	AS/NZS 1747:2022 Reeling, trailing and feeder cables used for mining—Repair, testing and fitting of accessories
AS/NZS 1802	AS/NZS 1802:2018 Electric cables—Reeling and trailing—For underground coal mining
AS/NZS 1972	AS/NZS 1972:2006 Electric cables—Underground coal mining purposes—Other than reeling and trailing
AS/NZS 2500	AS/NZS 2500:2020: Safe use of medical electrical equipment in health care
AS/NZS 3000	AS/NZS 3000:2018: Electrical installations (known as the Australian/New Zealand Wiring Rules), including Amendments 1, 2, and 3, subject to the following modifications: 1. In clause 1.5.6.3, after “predetermined value.”, insert: “Any RCD that forms part of an installation shall be selected and installed to be compatible with the types of load intended to be used within the installation. Consideration shall be given for potential pulsating and constant DC fault currents and waveform distortion.” 2. In clause 1.6.2(c), delete note (b). 3. Delete clause 2.3.2.1.2(b) and (c). 4. Replace clause 2.6.2.2.3(b) with: “(b) be of a type that provides protection against electric shock that complies with the requirements of a Type A RCD in accordance with IEC 61009.1 or IEC 61008.1 or a Type F or Type B RCD in accordance with IEC 62423.” 5. In clause 2.6.3.3.2, exception 2, delete the second bullet point. 6. Replace clause 2.6.3.3.3 with: “The installation of medical electrical equipment in home care medical installations is not required to comply with clause 2.6.3.3.1 if it is installed in accordance with AS/NZS 3003.” 7. In clause 4.18.2.3, figure 4.18, clause 4.18.5, and figure 4.20, replace “hazardous area” with “exclusion zone”. 8. In the heading to clause 4.18.5, delete “lighter-than-air”. 9. In clause 8.3.10, second paragraph, delete “either by the operation of the integral test device, or”. 10. In clause 8.3.10, after the fourth paragraph, insert: “The function testing of the RCD must include the following: • trip time: • confirmation that the functions of the RCD operate as intended: • confirmation that operation of the RCD provides protection against electric shock:

Abbreviation used in regulations	Full title (and any modifications)
AS/NZS 3001.1	• for residual sinusoidal alternating current and residual pulsating direct current,— • the presence of DC leakage: • constant DC (where applicable).” 11. In clause 8.3.10, delete note 4. AS/NZS 3001.1:2022 Electrical installations—Connectable electrical installations and supply arrangements—Part 1: Site supplies for connectable electrical installations, subject to the following modifications: 1. In clause 2.3.3.2, delete the third paragraph and figure 2.2. 2. Delete clause 2.4.2.2. 3. Replace clause 2.4.6.5(b) with: “(b) are of a type that provides protection against electric shock that complies with the requirements of a Type A RCD in accordance with IEC 61009.1 or IEC 61008.1 or a Type F or Type B RCD in accordance with IEC 62423.” 4. Delete clause C.3.3.2.
AS/NZS 3001.2	5. Delete clause C.4 and the reference to C.4 in clause C.2. AS/NZS 3001.2:2022 Electrical installations—Connectable electrical installations and supply arrangements—Part 2: Connectable electrical installations, subject to the following modifications: 1. Delete clause 1.1.3 and figure 1.2. 2. Delete Section 5. 3. Delete clause D.4.10(a). 4. Replace clause D.4.11(a) with: “Any RCD provided shall operate in all live (active and neutral) conductors and have a residual current rating not exceeding 30 mA.” 5. In clause D.4.13.1, delete the second paragraph. 6. Delete clause D.4.13.2. 7. Delete clause D.4.14. 7. Delete clause D.4.15. 9. Delete clause D.4.16. 10. Replace clause D.5.2 with: “The operation of any RCD provided shall be tested to confirm that it operates in all live (active and neutral) conductors and performs in accordance with the requirements for an RCD having a residual current rating not exceeding 30 mA.”
AS/NZS 3002	AS/NZS 3002:2021 Electrical installations—Shows and carnival events
AS/NZS 3003	AS/NZS 3003:2018 Electrical installations—Patient areas, including Amendment 1
AS/NZS 3004.1	AS/NZS 3004.1:2014 Electrical installations—Marinas and boats—Part 1: Marinas
AS/NZS 3004.2	AS/NZS 3004.2:2014 Electrical installations—Marinas and boats—Part 2: Boat installations, including Amendment 1, subject to the following modification: In clause C11.2, under the heading “RCD and insulation testing”, replace “In New Zealand, RCDs for personnel protection shall be verified as being type A” with “Any RCD provided shall have a residual current rating not exceeding 30 mA.”

Abbreviation used in regulations	Full title (and any modifications)
AS/NZS 3007	AS/NZS 3007:2013 Electrical equipment in mines and quarries—Surface installations and associated processing plant
AS/NZS 3009	AS/NZS 3009:1998 Electric installations—Emergency power supplies in hospitals
AS/NZS 3010	AS/NZS 3010:2017 Electrical installations—Generating sets, including Amendment 1
AS/NZS 3012	AS/NZS 3012:2019 Electrical installations—Construction and demolition sites, including Amendment 1, subject to the following modifications: 1. In clause 1.4.17, delete “residual current device (PRCD)”. 2. In clause 1.4.17, after the second paragraph, insert: “A PSOA is not considered to be a portable residual current device. All RCDs are to be either Type A in accordance with IEC 61009-1 or IEC 61008-1, or Type F or Type B in accordance with IEC 62423.” 3. In clause 1.4.17, delete notes 1 and 2. 4. In clause 2.9(a)(iii)(D), delete the paragraph after note 2. 5. In clause 3.4, after “IEC 61009-1”, insert “or a Type F or Type B RCD in accordance with IEC 62423”. 6. In clause 3.4, before the notes, insert: “Nothing in this standard requires the upgrading of an existing RCD in a transportable structure or transportable installation merely because it does not provide protection against pulsating DC current.”
AS/NZS 3014	AS/NZS 3014:2003 Electrical installations—Electric fences, including Amendment 1
AS/NZS 3016	AS/NZS 3016:2002 Electrical installations—Electric security fences, including Amendment 1
AS/NZS 3019	AS/NZS 3019:2022 Electrical installations—Periodic assessment
AS/NZS 3112	AS/NZS 3112:2017 Approval and test specification—Plugs and socket-outlets, including Amendment 1, subject to the following modification: In clause 3.12, insert the following requirement: “Conductive material shall not be used in the construction of shutters and associated components.”
AS/NZS 3190	AS/NZS 3190:2016 Approval and test specification—Residual current devices (current-operated earth-leakage devices), including Amendment 1: 2020, subject to the following modifications: 1. Delete clause 3.2.2.3. 2. In clause 7.1.1(b), after “Rated voltage”, insert “, which for New Zealand must include 230 V or 400 V”.
AS/NZS 3551	AS/NZS 3551:2012 Management programs for medical equipment, including Amendments 1 and 2
AS/NZS 3760	AS/NZS 3760:2022 In-service safety inspection and testing of electrical equipment and RCDs
AS/NZS 3800	AS/NZS 3800:2020 Electrical equipment for explosive atmospheres—Repair and overhaul, including Amendment 1
AS/NZS 3820	AS/NZS 3820:2020 Essential safety requirements for electrical equipment
AS/NZS 3832	AS/NZS 3832:1998 Electrical installations—Cold-cathode illumination systems
AS/NZS 4249	AS/NZS 4249:2022 Electrical installations and safety practices—Film, video and television sites, including Amendment 1

Abbreviation used in regulations	Full title (and any modifications)
AS/NZS 4509.1	AS/NZS 4509.1:2009 Stand-alone power systems—Part 1: Safety and installation
AS/NZS 4701	AS/NZS 4701:2000 Requirements for domestic electrical appliances and equipment for reconditioning or parts recycling
AS/NZS 4761.1	AS/NZS 4761.1:2018 Competencies for working with electrical equipment for hazardous areas (EEHA)—Part 1: Competency Standards
AS/NZS 4777.1	AS/NZS 4777.1:2024 Grid connection of energy systems via inverters—Part 1: Installation requirements
AS/NZS 4836	AS/NZS 4836:2023 Safe working on or near low-voltage and extra-low voltage electrical installations and equipment
AS/NZS 5033	AS/NZS 5033:2021 Installation and safety requirements for photovoltaic (PV) arrays
AS/NZS 5149.1	AS/NZS 5149.1:2016 Refrigerating systems and heat pumps—Safety and environmental requirements—Part 1: Definitions, classification and selection criteria, including Amendments 1 and 2
AS/NZS 5149.2	AS/NZS 5149.2:2016 Refrigerating systems and heat pumps—Safety and environmental requirements—Part 2: Design, construction, testing, marking and documentation, subject to the following modifications: 1. In Annex F, replace formula (F.1) with: $L = \frac{0.2146d^5(P_0^2 - P_2^2)}{fC_r^2} - \frac{d \ln\left(\frac{P_0}{P_2}\right)}{6f}$
	2. In Annex F, replace formula (F.4) with: $L = \frac{7.4381 \times 10^{-15} d^5 (P_0^2 - P_2^2)}{fC_r^2} - \frac{d \ln\left(\frac{P_0}{P_2}\right)}{500f}$
AS/NZS 5149.3	AS/NZS 5149.3:2016 Refrigerating systems and heat pumps—Safety and environmental requirements—Part 3: Installation site
AS/NZS 5149.4	AS/NZS 5149.4:2016 Refrigerating systems and heat pumps—Safety and environmental requirements—Part 4: Operation, maintenance, repair and recovery
AS/NZS 5761	AS/NZS 5761:2011 In-service safety inspection and testing—Second-hand electrical equipment prior to sale
AS/NZS 5762	AS/NZS 5762:2011 In-service safety inspection and testing—Repaired electrical equipment
AS/NZS 7000	AS/NZS 7000:2016 Overhead line design
AS/NZS 60079.0	AS/NZS IEC 60079.0: 2019 Explosive atmospheres—Part 0: Equipment—General requirements, including Amendment 1
AS/NZS 60079.14	AS/NZS 60079.14:2022 Explosive atmospheres—Part 14: Design selection, erection and initial inspection
AS/NZS 60079.17	AS/NZS 60079.17:2017 Explosive atmospheres—Part 17: Electrical installations inspection and maintenance
AS/NZS 60079.29.2	AS/NZS 60079.29.2:2016 Explosive atmospheres—Part 29.2: Gas detectors—Selection, installation, use and maintenance of detectors for flammable gases and oxygen
AS/NZS 60079.33	AS/NZS 60079.33:2012 Explosive atmospheres—Part 33: Equipment protection by special protection ‘s’

Abbreviation used in regulations	Full title (and any modifications)
AS/NZS 60079.35.1	AS/NZS 60079.35.1:2011 Explosive atmospheres—Part 35.1: Caplights for use in mines susceptible to firedamp—General requirements—Construction and testing in relation to the risk of explosion
AS/NZS 60950.1	AS/NZS 60950.1:2011 Information technology equipment—Safety—Part 1: General requirements, including Amendment 1
AS/NZS 62013.1	AS/NZS 62013.1:2001 Caplights for use in mines susceptible to firedamp—Part 1: General requirements—Construction and testing in relation to the risk of explosion
BS 6164	BS 6164:2019 TC Health and safety in tunnelling in the construction industry—Code of practice
BS EN 50119	BS EN 50119:2020 Railway applications—Fixed installations—Electric traction overhead contact lines
BS EN 50122-1	BS EN 50122-1:2011 Railway applications—Fixed installations—Electrical safety, earthing and the return circuit—Part 1: Protective provisions against electric shock, including Amendment 1
IEC 60050	IEC 60050-826 Ed 3.0 (2022) International Electrotechnical Vocabulary (IEV)—Part 826: Electrical installations
IEC 60079-0	IEC 60079-0 Ed 7.0 (2017) Explosive atmospheres—Part 0: Equipment—General requirements
IEC 60079-33	IEC 60079-33 Ed 1.0 (2012) Explosive atmospheres—Part 33: Equipment protection by special protection ‘s’
IEC 60079-35-1	IEC 60079-35-1 Ed 1.0 (2011) Explosive atmospheres—Part 35-1: Caplights for use in mines susceptible to firedamp—General requirements—Construction and testing in relation to the risk of explosion
IEC 60913	IEC 60913 Ed 2.0 (2013) Railway applications—Fixed installations—Electric traction overhead contact lines
IEC 61000-3-2	IEC 61000-3-2 Ed 2.0 (2018) Electromagnetic compatibility (EMC)—Part 3-2: Limits—Limits for harmonic current emissions (equipment input current ≤ 16 A per phase)
IEC 61000-3-3	IEC 61000-3-3 Ed 3.2 (2021) Electromagnetic compatibility (EMC)—Part 3-3: Limits—Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current ≤ 16 A per phase and not subject to conditional connection
IEC 61000-3-4	IEC 61000-3-4 Ed 1.0 (1998) Electromagnetic compatibility (EMC)—Part 3-4: Limits—Limitation of emission of harmonic currents in low-voltage power supply systems for equipment with rated current greater than 16 A
IEC 61000-3-11	IEC 61000-3-11 Ed 2.0 (2017) Electromagnetic compatibility (EMC)—Part 3-11: Limits—Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems—Equipment with rated current ≤ 75 A and subject to conditional connection
IEC 61000-3-12	IEC 61000-3-12 Ed 2.1 (2011) Electromagnetic compatibility (EMC)—Part 3-12: Limits—Limits for harmonic currents produced by equipment connected to public low-voltage systems with input current >16 A and ≤ 75 A per phase, including Amendment 1
IEC 62128-1	IEC 62128-1 Ed 2.0 (2013) Railway applications—Fixed installations—Electrical safety, earthing and the return circuit—Part 1: Protective provisions against electric shock
IEC/TS 60479-1	IEC/TS 60479-1 Ed 4.0 (2005) Effects of current on human beings and livestock—Part 1: General aspects
IEC/TS 61000-3-5	IEC/TS 61000-3-5 Ed 2.0 (2009) Electromagnetic compatibility (EMC)—Part 3-5: Limits—Limitation of voltage fluctuations and flicker in low-

Abbreviation used in regulations	Full title (and any modifications)
	voltage power supply systems for equipment with rated current greater than 75 A
IEEE 1222	IEEE 1222-2019 IEEE Standard for Testing and Performance for All-Dielectric Self-Supporting (ADSS) Fiber Optic Cable for Use on Electric Utility Power Lines
ISO/IEC 17050-1	ISO/IEC 17050-1 Ed 1.0:2004 Conformity assessment—Supplier's declaration of conformity—Part 1: General requirements
NZS 6115	NZS 6115:2006 Electrical installations—Mobile medical facilities, including Amendments 1 and 2
NZS 6116	NZS 6116:2006 Safe application of electricity in the meat processing industry
NZS 7901	NZS 7901:2014 Electricity and gas industries—Safety management systems for public safety

Schedule 3
Schedule 4 amended

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In Schedule 4, replace clause 1(1) with:

- (1) In subclause (2),—
- standard A** means IEC 60335-1 Ed 6.0 (2020) + COR1:2021 Household and similar electrical appliances—Safety—Part 1: General requirements as modified by AS/NZS 60335.1:2022 Household and similar electrical appliances—Safety—Part 1: General requirements
- standard B** means IEC 60335-1 Ed 5.2 (2016) Household and similar electrical appliances—Safety—Part 1: General requirements as modified by AS/NZS 60335.1:2020 Household and similar electrical appliances—Safety—Part 1: General requirements, including Amendment 1 and Corrigendum 1.

In Schedule 4, clause 1(2), replace the table with:

Household and similar electrical appliances	Applicable standard
Air-cleaning appliances	Standard A, in conjunction with IEC 60335-2-65 Ed 3.0 (2023) Household and similar electrical appliances—Safety—Part 2-65: Particular requirements for air-cleaning appliances <i>or</i> Until 04/05/2026, standard B, in conjunction with IEC 60335-2-65 Ed 2.2 (2015) Household and similar electrical appliances—Safety—Part 2-65: Particular requirements for air-cleaning appliances
Amusement machines and personal service machines	Standard B, in conjunction with IEC 60335-2-82 Ed 3.1 (2020) Household and similar electrical appliances—Safety—Part 2-82: Particular requirements for amusement machines and personal service machines
Appliances for heating liquids	Standard B, in conjunction with IEC 60335-2-15 Ed 6.2 (2018) Household and similar electrical appliances—Safety—Part 2-15: Particular requirements for appliances for heating liquids as modified by AS/NZS 60335.2.15:2019 Household and similar electrical appliances—Safety—Part 2.15: Particular requirements for appliances for heating liquids
Appliances to recover and/or recycle refrigerant from air conditioning and refrigeration equipment	Standard B, in conjunction with IEC 60335-2-104 Ed 2.0 (2021) Household and similar electrical appliances—Safety—Part 2-104: Particular requirements for appliances to recover and/or recycle refrigerant from air conditioning and refrigeration equipment
Automatic machines for floor treatment for commercial use	Standard A, in conjunction with IEC 60335-2-72 Ed 5.0 (2021) Household and similar electrical appliances—Safety—Part 2-72: Particular requirements for floor treatment machines with or without traction drive, for commercial use <i>or</i>

Household and similar electrical appliances	Applicable standard
Battery chargers	Until 04/05/2026, standard B, in conjunction with IEC 60335-2-72 Ed 4.0 (2016) Household and similar electrical appliances—Safety—Part 2-72: Particular requirements for floor treatment machines with or without traction drive, for commercial use Standard B, in conjunction with IEC 60335-2-29 Ed 5.1 (2019) Household and similar electrical appliances—Safety—Part 2-29: Particular requirements for battery chargers as modified by AS/NZS 60335.2.29:2017 Household and similar electrical appliances—Safety—Part 2.29: Particular requirements for battery chargers, including Amendment 1
Blankets, pads, clothing, and similar flexible heating appliances	Standard A, in conjunction with IEC 60335-2-17 Ed 4.0 (2022) Household and similar electrical appliances—Safety—Part 2-17: Particular requirements for blankets, pads, clothing and similar flexible heating appliances as modified by AS/NZS 60335.2.17:2023 Household and similar electrical appliances—Safety—Part 2.17: Particular requirements for blankets, pads, clothing and similar flexible heating appliances <i>or</i> Until 01/12/2026, standard B, in conjunction with IEC 60335-2-17 Ed 3.2 (2019) Household and similar electrical appliances—Safety—Part 2-17: Particular requirements for blankets, pads, clothing and similar flexible heating appliances as modified by AS/NZS 60335.2.17:2012 Household and similar electrical appliances—Safety—Part 2.17: Particular requirements for blankets, pads, clothing and similar flexible heating appliances, including Amendments 1 and 2
Clocks	Standard B, in conjunction with IEC 60335-2-26 Ed 4.1 (2008) Household and similar electrical appliances—Safety—Part 2-26: Particular requirements for clocks
Clothes dryers and towel rails	Standard B, in conjunction with IEC 60335-2-43 Ed 4.0 (2017) Household and similar electrical appliances—Safety—Part 2-43: Particular requirements for clothes dryers and towel rails
Commercial dispensing appliances and vending machines	Standard B, in conjunction with IEC 60335-2-75 Ed 3.2 (2018) Household and similar electrical appliances—Safety—Part 2-75: Particular requirements for commercial dispensing appliances and vending machines as modified by AS/NZS 60335.2.75:2013 Household and similar electrical appliances—Safety—Part 2.75: Particular requirements for commercial dispensing appliances and vending machines, including Amendments 1, 2, and 3
Commercial electric appliances for keeping food and crockery warm	Standard A, in conjunction with IEC 60335-2-49 Ed 5.0 (2021) Household and similar electrical appliances—Safety—Part 2-49: Particular requirements for commercial electric appliances for keeping food and crockery warm

Household and similar electrical appliances	Applicable standard
Commercial electric bains-marie	<i>or</i> Until 04/05/2026, standard B, in conjunction with IEC 60335-2-49 Ed 4.2 (2017) Household and similar electrical appliances—Safety—Part 2-49: Particular requirements for commercial electric appliances for keeping food and crockery warm
	Standard A, in conjunction with IEC 60335-2-50 Ed 5.0 (2021) Household and similar electrical appliances—Safety—Part 2-50: Particular requirements for commercial electric bains-marie
Commercial electric boiling pans	<i>or</i> Until 04/05/2026, standard B, in conjunction with IEC 60335-2-50 Ed 4.2 (2017) Household and similar electrical appliances—Safety—Part 2-50: Particular requirements for commercial electric bains-marie
	Standard A, in conjunction with IEC 60335-2-47 Ed 5.0 (2021) Household and similar electrical appliances—Safety—Part 2-47: Particular requirements for commercial electric boiling pans
Commercial electric cooking ranges, ovens, hobs, and hob elements	<i>or</i> Until 04/05/2026, standard B, in conjunction with IEC 60335-2-47 Ed 7.0 (2021) Household and similar electrical appliances—Safety—Part 2-47: Particular requirements for commercial electric boiling pans
	Standard A, in conjunction with IEC 60335-2-36 Ed 7.0 (2021) Household and similar electrical appliances—Safety—Part 2-36: Particular requirements for commercial electric cooking ranges, ovens, hobs and hob elements
Commercial electric deep fat fryers	<i>or</i> Until 04/05/2027, standard B, in conjunction with IEC 60335-2-36 Ed 6.0 (2017) Household and similar electrical appliances—Safety—Part 2-36: Particular requirements for commercial electric cooking ranges, ovens, hobs and hob elements
	Standard A, in conjunction with IEC 60335-2-37 Ed 7.0 (2021) Household and similar electrical appliances—Safety—Part 2-37: Particular requirements for commercial electric doughnut fryers and deep fat fryers
Commercial electric dishwashing machines	<i>or</i> Until 04/05/2027, standard B, in conjunction with IEC 60335-2-37 Ed 6.0 (2017) Household and similar electrical appliances—Safety—Part 2-37: Particular requirements for commercial electric doughnut fryers and deep fat fryers
	Standard B, in conjunction with IEC 60335-2-58 Ed 4.0 (2017) Household and similar electrical appliances—Safety—Part 2-58: Particular requirements for commercial electric dishwashing machines
Commercial electric forced convection ovens, steam cookers, and steam-convection ovens	Standard A, in conjunction with IEC 60335-2-42 Ed 6.0 (2021) Household and similar electrical appliances—Safety—Part 2-42: Particular requirements for commercial electric forced

Household and similar electrical appliances	Applicable standard
	convection ovens, steam cookers and steam-convection ovens <i>or</i> Until 04/05/2026, standard B, in conjunction with IEC 60335-2-42 Ed 5.2 (2017) Household and similar electrical appliances—Safety—Part 2-42: Particular requirements for commercial electric forced convection ovens, steam cookers and steam-convection ovens
Commercial electric griddles and griddle grills	Standard A, in conjunction with IEC 60335-2-38 Ed 6.0 (2021) Household and similar electrical appliances—Safety—Part 2-38: Particular requirements for commercial electric griddles and griddle grills <i>or</i> Until 04/05/2026, standard B, in conjunction with IEC 60335-2-38 Ed 5.2 (2017) Household and similar electrical appliances—Safety—Part 2-38: Particular requirements for commercial electric griddles and griddle grills
Commercial electric grillers and toasters	Standard A, in conjunction with IEC 60335-2-48 Ed 5.0 (2021) Household and similar electrical appliances—Safety—Part 2-48: Particular requirements for commercial electric grillers and toasters <i>or</i> Until 04/05/2026, standard B, in conjunction with IEC 60335-2-48 Ed 4.2 (2017) Household and similar electrical appliances—Safety—Part 2-48: Particular requirements for commercial electric grillers and toasters
Commercial electric hoods	Standard A, in conjunction with IEC 60335-2-99 Ed 2.0 (2021) Household and similar electrical appliances—Safety—Part 2-99: Particular requirements for commercial electric hoods <i>or</i> Until 04/05/2027, standard B, in conjunction with IEC 60335-2-99 Ed 1.1 (2017) Household and similar electrical appliances—Safety—Part 2-99: Particular requirements for commercial electric hoods
Commercial electric kitchen machines	Standard A, in conjunction with IEC 60335-2-64 Ed 4.0 (2021) Household and similar electrical appliances—Safety—Part 2-64: Particular requirements for commercial electric kitchen machines <i>or</i> Until 04/05/2026, standard B, in conjunction with IEC 60335-2-64 Ed 3.2 (2017) Household and similar electrical appliances—Safety—Part 2-64: Particular requirements for commercial electric kitchen machines
Commercial electric multi-purpose cooking pans	Standard A, in conjunction with IEC 60335-2-39 Ed 7.0 (2021) Household and similar electrical appliances—Safety—Part 2-39: Particular requirements for commercial electric multi-purpose cooking pans <i>or</i>

Household and similar electrical appliances	Applicable standard
Commercial electric rinsing sinks	Until 04/05/2026, standard B, in conjunction with IEC 60335-2-39 Ed 6.1 (2017) Household and similar electrical appliances—Safety—Part 2-39: Particular requirements for commercial electric multi-purpose cooking pans Standard B, in conjunction with IEC 60335-2-62 Ed 4.0 (2019) Household and similar electrical appliances—Safety—Part 2-62: Particular requirements for commercial electric rinsing sinks
Commercial microwave appliances with insertion or contacting applicators	Standard B, in conjunction with IEC 60335-2-110 Ed 1.1 (2019) Household and similar electrical appliances—Safety—Part 2-110: Particular requirements for commercial microwave appliances with insertion or contacting applicators
Commercial microwave ovens	Standard B, in conjunction with IEC 60335-2-90 Ed 4.1 (2019) Household and similar electrical appliances—Safety—Part 2-90: Particular requirements for commercial microwave ovens
Commercial refrigerating appliances with an incorporated or remote refrigerant condensing unit or motor-compressor	Standard B, in conjunction with IEC 60335-2-89 Ed 3.0 (2019) Household and similar electrical appliances—Safety—Part 2-89: Particular requirements for commercial refrigerating appliances with an incorporated or remote refrigerant unit or motor-compressor
Deep fat fryers, frying pans, and similar appliances	Standard A, in conjunction with IEC 60335-2-13 Ed 7.0 (2021) Household and similar electrical appliances—Safety—Part 2-13: Particular requirements for deep fat fryers, frying pans and similar appliances
Dishwashers	Standard B, in conjunction with IEC 60335-2-5 Ed 6.1 (2018) Household and similar electrical appliances—Safety—Part 2-5: Particular requirements for dishwashers as modified by AS/NZS 60335.2.5:2014 Household and similar electrical appliances—Safety—Part 2.5: Particular requirements for dishwashers, including Amendments 1, 2, and 3
Drives for gates, doors, and windows	Standard A, in conjunction with IEC 60335-2-103 Ed 4.0 (2023) Household and similar electrical appliances—Safety—Part 2-103: Particular requirements for drives for gates, doors and windows or Until 04/05/2027, standard B, in conjunction with IEC 60335-2-103 Ed 3.2 (2019) Household and similar electrical appliances—Safety—Part 2-103: Particular requirements for drives for gates, doors and windows
Drives for rolling shutters, awnings, blinds, and similar equipment	Standard A, in conjunction with IEC 60335-2-97 Ed 4.0 (2023) Household and similar electrical appliances—Safety—Part 2-97: Particular requirements for drives for shutters, awnings, blinds and similar equipment or Until 04/05/2027, standard B, in conjunction with IEC 60335-2-97 Ed 3.1 (2019) Household and similar electrical appliances—Safety—Part 2-97: Particular

Household and similar electrical appliances	Applicable standard
Drives for vertically moving garage doors for residential use	requirements for drives for shutters, awnings, blinds and similar equipment Standard A, in conjunction with IEC 60335-2-95 Ed 5.0 (2023) Household and similar electrical appliances—Safety—Part 2-95: Particular requirements for drives for vertically moving garage doors for residential use <i>or</i> Until 04/05/2027, standard B, in conjunction with IEC 60335-2-95 Ed 4.0 (2019) Household and similar electrical appliances—Safety—Part 2-95: Particular requirements for drives for vertically moving garage doors for residential use
Electric fence energizers	Standard B, in conjunction with IEC 60335-2-76 Ed 3.0 (2018) Household and similar electrical appliances—Safety—Part 2-76: Particular requirements for electric fence energizers as modified by AS/NZS 60335.2.76:2019 Household and similar electrical appliances—Safety—Part 2.76: Particular requirements for electric fence energizers
Electric fishing machines	Standard B, in conjunction with IEC 60335-2-86 Ed 3.0 (2018) Household and similar electrical appliances—Safety—Part 2-86: Particular requirements for electric fishing machines
Electric irons	Standard A, in conjunction with IEC 60335-2-3 Ed 7.0 (2022) Household and similar electrical appliances—Safety—Part 2-3: Particular requirements for electric irons <i>or</i> Until 04/05/2027, standard B, in conjunction with IEC 60335-2-3 Ed 6.1 (2015) Household and similar electrical appliances—Safety—Part 2-3: Particular requirements for electric irons
Electric ondol mattress with a non-flexible heated part	Standard B, in conjunction with IEC 60335-2-111 Ed 1.0 (2015) Household and similar electrical appliances—Safety—Part 2-111: Particular requirements for electric ondol mattress with a non-flexible heated part
Electrical animal-stunning equipment	Standard B, in conjunction with IEC 60335-2-87 Ed 3.1 (2018) Household and similar electrical appliances—Safety—Part 2-87: Particular requirements for electrical animal stunning equipment
Electrical appliances for use with aquariums and garden ponds	Standard A, in conjunction with IEC 60335-2-55 Ed 4.0 (2021) Household and similar electrical appliances—Safety—Part 2-55: Particular requirements for electrical appliances for use with aquariums and garden ponds
Electrical heat pumps, air conditioners, and dehumidifiers	Standard A, in conjunction with IEC 60335-2-40 Ed 7.0 (2022) Household and similar electrical appliances—Safety—Part 2-40: Particular requirements for electrical heat pumps, air-conditioners and dehumidifiers as modified by AS/NZS 60335.2.40:2023 Household and similar electrical appliances—Safety—Part 2.40: Particular

Household and similar electrical appliances	Applicable standard
Electrically power assisted cycles with a maximum continuous rated power of up to 0.5 kW	requirements for heat pumps, air-conditioners and dehumidifiers EN 15194:2017 + A1:2023 Cycles—Electrically power assisted cycles—EPAC Bicycles, subject to the following modifications: 1. The standard is to be read as also applying to electrically power assisted cycles with a maximum continuous rated power of up to 0.5 kW (provided they fall within scope of the standard in all other respects). 2. Requirements relating to non-electrical components do not apply.
Electrolysers	Standard B, in conjunction with IEC 60335-2-108 Ed 1.0 (2008) Household and similar electrical appliances—Safety—Part 2-108: Particular requirements for electrolysers as modified by AS/NZS 60335.2.108:2008 Household and similar electrical appliances—Safety—Part 2.108: Particular requirements for electrolysers
Fabric steamers	Standard A, in conjunction with IEC 60335-2-85 Ed 3.0 (2022) Household and similar electrical appliances—Safety—Part 2-85: Particular requirements for fabric steamers or Until 01/12/2026, standard B, in conjunction with IEC 60335-2-85 Ed 2.2 (2017) Household and similar electrical appliances—Safety—Part 2-85: Particular requirements for fabric steamers
Fans	Standard B, in conjunction with IEC 60335-2-80 Ed 3.0 (2015) Household and similar electrical appliances—Safety—Part 2-80: Particular requirements for fans as modified by AS/NZS 60335.2.80:2016 Household and similar electrical appliances—Safety—Part 2.80: Particular requirements for fans, including Amendments 1 and 2
Fixed immersion heaters	Standard B, in conjunction with IEC 60335-2-73 Ed 2.2 (2009) Household and similar electrical appliances—Safety—Part 2-73: Particular requirements for fixed immersion heaters
Flexible sheet heating elements for room heating	Standard B, in conjunction with IEC 60335-2-96 Ed 2.0 (2019) Household and similar electrical appliances—Safety—Part 2-96: Particular requirements for flexible sheet heating elements for room heating
Floor treatment and floor cleaning machines, for commercial use	Standard A, in conjunction with IEC 60335-2-67 Ed 5.0 (2021) Household and similar electrical appliances—Safety—Part 2-67: Floor treatment and floor cleaning machines, for commercial use
Floor treatment machines and wet scrubbing machines	Standard A, in conjunction with IEC 60335-2-10 Ed 6.0 (2021) Household and similar electrical appliances—Safety—Part 2-10: Particular requirements for floor treatment machines and wet scrubbing machines
Food waste disposers	Standard A, in conjunction with IEC 60335-2-16 Ed 6.0 (2022) Household and similar electrical

Household and similar electrical appliances	Applicable standard
	appliances—Safety—Part 2-16: Particular requirements for food waste disposers or Until 04/05/2026, standard B, in conjunction with IEC 60335-2-16 Ed 5.2 (2012) Household and similar electrical appliances—Safety—Part 2-16: Particular requirements for food waste disposers
Foot warmers and heating mats	Standard B, in conjunction with IEC 60335-2-81 Ed 3.2 (2020) Household and similar electrical appliances—Safety—Part 2-81: Particular requirements for foot warmers and heating mats as modified by AS/NZS 60335.2.81:2015 Household and similar electrical appliances—Safety—Part 2.81: Particular requirements for foot warmers and heating mats, including Amendments 1, 2, and 3
Gas, oil, and solid-fuel burning appliances with electrical connections	Standard B, in conjunction with IEC 60335-2-102 Ed 2.0 (2017) Household and similar electrical appliances—Safety—Part 2-102: Particular requirements for gas, oil and solid-fuel burning appliances having electrical connections as modified by AS/NZS 60335.2.102:2018 Household and similar electrical appliances—Safety—Part 2.102: Particular requirements for gas, oil and solid-fuel burning appliances having electrical connections
Grills, toasters, and similar portable cooking appliances	Standard B, in conjunction with IEC 60335-2-9 Ed 7.0 (2019) Household and similar electrical appliances—Safety—Part 2-9: Particular requirements for grills, toasters and similar portable cooking appliances as modified by AS/NZS 60335.2.9:2020 Household and similar electrical appliances—Safety—Part 2.9: Particular requirements for grills, toasters and similar portable cooking appliances
Hand-held mains-operated garden blowers, vacuums, and blower vacuums	Standard B, in conjunction with IEC 60335-2-100 Ed 1.0 (2002) Household and similar electrical appliances—Safety—Part 2-100: Particular requirements for hand-held mains-operated garden blowers, vacuums and blower vacuums
Heated carpets and underfloor heating appliances	Standard A, in conjunction with IEC 60335-2-106 Ed 2.0 (2021) Household and similar electrical appliances—Safety—Part 2-106: Particular requirements for heated carpets and for heating units for room heating installed under removable floor coverings
Heated gullies for roof drainage	Standard B, in conjunction with IEC 60335-2-83 Ed 1.1 (2008) Household and similar electrical appliances—Safety—Part 2-83: Particular requirements for heated gullies for roof drainage
Heating appliances for breeding and rearing animals	Standard B, in conjunction with IEC 60335-2-71 Ed 3.0 (2018) Household and similar electrical appliances—Safety—Part 2-71: Particular requirements for electrical heating appliances for breeding and rearing animals
High pressure cleaners and steam cleaners	Standard A, in conjunction with IEC 60335-2-79 Ed 5.0 (2021) Household and similar electrical appliances—Safety—Part 2-79: Particular

Household and similar electrical appliances	Applicable standard
	requirements for high pressure cleaners and steam cleaners <i>or</i> Until 04/05/2026, standard B, in conjunction with IEC 60335-2-79 Ed 4.0 (2016) Household and similar electrical appliances—Safety—Part 2-79: Particular requirements for high pressure cleaners and steam cleaners
Humidifiers	Standard A, in conjunction with IEC 60335-2-98 Ed 3.0 (2023) Household and similar electrical appliances—Safety—Part 2-98: Particular requirements for humidifiers <i>or</i> Until 04/05/2026, standard B, in conjunction with IEC 60335-2-98 Ed 2.2 (2008) Household and similar electrical appliances—Safety—Part 2-98: Particular requirements for humidifiers
Humidifiers intended for use with heating, ventilation, or air-conditioning systems	Standard B, in conjunction with IEC 60335-2-88 Ed 2.0 (2002) Household and similar electrical appliances—Safety—Part 2-88: Particular requirements for humidifiers intended for use with heating, ventilation, or air-conditioning systems
Insect killers	Standard A, in conjunction with IEC 60335-2-59 Ed 4.0 (2021) Household and similar electrical appliances—Safety—Part 2-59: Particular requirements for insect killers
Instantaneous water heaters	Standard B, in conjunction with IEC 60335-2-35 Ed 5.2 (2020) Household and similar electrical appliances—Safety—Part 2-35: Particular requirements for instantaneous water heaters
Ironers	Standard A, in conjunction with IEC 60335-2-44 Ed 4.0 (2021) Household and similar electrical appliances—Safety—Part 2-44: Particular requirements for ironers
Kitchen machines	Standard B, in conjunction with IEC 60335-2-14 Ed 6.1 (2019) Household and similar electrical appliances—Safety—Part 2-14: Particular requirements for kitchen machines as modified by AS/NZS 60335.2.14:2017 Household and similar electrical appliances—Safety—Part 2.14: Particular requirements for kitchen machines, including Amendment 1
Massage appliances	Standard B, in conjunction with IEC 60335-2-32 Ed 5.0 (2019) Household and similar electrical appliances—Safety—Part 2-32: Particular requirements for massage appliances
Microwave ovens, including combination microwave ovens	Standard B, in conjunction with IEC 60335-2-25 Ed 7.0 (2020) Household and similar electrical appliances—Safety—Part 2-25: Particular requirements for microwave ovens, including combination microwave ovens
Milking machines	Standard B, in conjunction with IEC 60335-2-70 Ed 2.2 (2013) Household and similar electrical

Household and similar electrical appliances	Applicable standard
	appliances—Safety—Part 2-70: Particular requirements for milking machines
Motor-compressors	Standard A, in conjunction with IEC 60335-2-34 Ed 6.0 (2021) Household and similar electrical appliances—Safety—Part 2-34: Particular requirements for motor-compressors
Multifunctional shower cabinets	Standard B, in conjunction with IEC 60335-2-105 Ed 2.1 (2019) Household and similar electrical appliances—Safety—Part 2-105: Particular requirements for multifunctional shower cabinets
Oral hygiene appliances	Standard A, in conjunction with IEC 60335-2-52 Ed 4.0 (2021) Household and similar electrical appliances—Safety—Part 2-52: Particular requirements for oral hygiene appliances
Outdoor barbecues	Standard A, in conjunction with IEC 60335-2-78 Ed 3.0 (2021) Household and similar electrical appliances—Safety—Part 2-78: Particular requirements for outdoor barbecues
Pedestrian-controlled mains-operated lawn scarifiers and aerators	Standard B, in conjunction with IEC 60335-2-92 Ed 2.0 (2002) Household and similar electrical appliances—Safety—Part 2-92: Particular requirements for pedestrian-controlled mains-operated lawn scarifiers and aerators
Pedestrian controlled mains-operated lawnmowers	Standard B, in conjunction with IEC 60335-2-77 Ed 2.0 (2002) Household and similar electrical appliances—Safety—Part 2-77: Particular requirements for pedestrian controlled mains-operated lawnmowers
Personal-e-Transporters	Standard A, in conjunction with IEC 60335-2-114 Ed 2.0 (2022) Household and similar electrical appliances—Safety—Part 2-114: Particular requirements for Personal-e-Transporters as modified by AS/NZS 60335.2.114:2023 Household and similar electrical appliances—Safety—Part 2.114: Particular requirements for Personal-e-Transporters
Portable heating tools and similar appliances	Standard B, in conjunction with IEC 60335-2-45 Ed 3.2 (2012) Household and similar electrical appliances—Safety—Part 2-45: Particular requirements for portable heating tools and similar appliances
Portable immersion heaters	Standard A, in conjunction with IEC 60335-2-74 Ed 3.0 (2021) Household and similar electrical appliances—Safety—Part 2-74: Particular requirements for portable immersion heaters
Projectors and similar appliances	Standard B, in conjunction with IEC 60335-2-56 Ed 3.2 (2014) Household and similar electrical appliances—Safety—Part 2-56: Particular requirements for projectors and similar appliances
Pumps	Standard B, in conjunction with IEC 60335-2-41 Ed 4.0 (2012) Household and similar electrical appliances—Safety—Part 2-41: Particular requirements for pumps as modified by AS/NZS 60335.2.41:2013 Household and similar electrical

Household and similar electrical appliances	Applicable standard
Range hoods and other cooking fume extractors	appliances—Safety—Part 2.41: Particular requirements for pumps, including Amendment 1 Standard B, in conjunction with IEC 60335-2-31 Ed 5.2 (2018) Household and similar electrical appliances—Safety—Part 2-31: Particular requirements for range hoods and other cooking fume extractors as modified by AS/NZS 60335.2.31:2020 Household and similar electrical appliances—Safety—Part 2.31: Particular requirements for range hoods and other cooking fume extractors
Refrigerating appliances, ice-cream appliances, and ice-makers	Standard A, in conjunction with IEC 60335-2-24 Ed 8.0 (2020) + COR1:2021 Household and similar electrical appliances—Safety—Part 2-24: Particular requirements for refrigerating appliances, ice-cream appliances and ice makers as modified by AS/NZS 60335.2.24:2021 Household and similar electrical appliances—Safety—Part 2.24: Particular requirements for refrigerating appliances, ice-cream appliances and ice-makers, including Amendment 1
Refrigerating systems and heat pumps	AS/NZS 5149.1 <i>and</i> AS/NZS 5149.2 <i>and</i> AS/NZS 5149.3 <i>and</i> AS/NZS 5149.4
Robotic battery powered electrical lawnmowers	Standard B, in conjunction with IEC 60335-2-107 Ed 2.2 (2021) Household and similar electrical appliances—Safety—Part 2-107: Particular requirements for robotic battery powered electrical lawnmowers <i>or</i> Until 04/05/2027, standard B, in conjunction with IEC 60335-2-107 Ed 2.1 (2020) Household and similar electrical appliances—Safety—Part 2-107: Particular requirements for robotic battery powered electrical lawnmowers
Room heaters	Standard B, in conjunction with IEC 60335-2-30 Ed 5.2 (2021) Household and similar electrical appliances—Safety—Part 2-30: Particular requirements for room heaters as modified by AS/NZS 60335.2.30:2023 Household and similar electrical appliances—Safety—Part 2.30: Particular requirements for room heaters <i>or</i> Until 01/12/2026, standard B, in conjunction with IEC 60335-2-30 Ed 5.2 (2021) Household and similar electrical appliances—Safety—Part 2-30: Particular requirements for room heaters as modified by AS/NZS 60335.2.30:2015 Household and similar electrical appliances—Safety—Part 2.30: Particular requirements for room heaters, including Amendments 1, 2, 3, and 4
Sauna heating appliances and infrared cabins	Standard B, in conjunction with IEC 60335-2-53 Ed 4.2 (2021) Household and similar electrical appliances—Safety—Part 2-53: Particular

Household and similar electrical appliances	Applicable standard
	requirements for sauna heating appliances and infrared cabins
Sewing machines	Standard A, in conjunction with IEC 60335-2-28 Ed 5.0 (2021) Household and similar electrical appliances—Safety—Part 2-28: Particular requirements for sewing machines
Spin extractors	Standard A, in conjunction with IEC 60335-2-4 Ed 8.0 (2023) Household and similar electrical appliances—Safety—Part 2-4: Particular requirements for spin extractors <i>or</i> Until 04/05/2026, standard B, in conjunction with IEC 60335-2-4 Ed 7.0 (2021) Household and similar electrical appliances—Safety—Part 2-4: Particular requirements for spin extractors
Spray extraction appliances, for commercial use	Standard A, in conjunction with IEC 60335-2-68 Ed 5.0 (2021) Household and similar electrical appliances—Safety—Part 2-68: Particular requirements for spray extraction machines, for commercial use <i>or</i> Until 04/05/2026, standard B, in conjunction with IEC 60335-2-68 Ed 4.1 (2016) Household and similar electrical appliances—Safety—Part 2-68: Particular requirements for spray extraction machines, for commercial use
Stationary circulation pumps for heating and service water installations	Standard A, in conjunction with IEC 60335-2-51 Ed 5.0 (2023) Household and similar electrical appliances—Safety—Part 2-51: Particular requirements for stationary circulation pumps for heating and service water installations <i>or</i> Until 04/05/2027, standard B, in conjunction with IEC 60335-2-51 Ed 4.0 (2019) Household and similar electrical appliances—Safety—Part 2-51: Particular requirements for stationary circulation pumps for heating and service water installations
Stationary cooking ranges, hobs, ovens, and similar appliances	Standard B, in conjunction with IEC 60335-2-6 Ed 6.1 (2018) Household and similar electrical appliances—Safety—Part 2-6: Particular requirements for stationary cooking ranges, hobs, ovens and similar appliances as modified by AS/NZS 60335.2.6:2014 Household and similar electrical appliances—Safety—Part 2.6: Particular requirements for stationary cooking ranges, hobs, ovens and similar appliances, including Amendments 1 and 2
Storage water heaters	Standard A, in conjunction with IEC 60335-2-21 Ed 7.0 (2022) Household and similar electrical appliances—Safety—Part 2-21: Particular requirements for storage water heaters as modified by AS/NZS 60335.2.21:2023 Household and similar electrical appliances—Safety—Part 2.21: Particular requirements for storage water heaters <i>or</i> Until 01/12/2026, standard B, in conjunction with IEC 60335-2-21 Ed 6.1 (2018) Household and similar

Household and similar electrical appliances	Applicable standard
Surface-cleaning appliances for household use employing liquids or steam	electrical appliances—Safety—Part 2-21: Particular requirements for storage water heaters as modified by AS/NZS 60335.2.21:2013 Household and similar electrical appliances—Safety—Part 2.21: Particular requirements for storage water heaters, including Amendments 1 and 2 Standard A, in conjunction with IEC 60335-2-54 Ed 5.0 (2022) Household and similar electrical appliances—Safety—Part 2-54: Particular requirements for surface-cleaning appliances for household use employing liquids or steam <i>or</i> Until 01/12/2026, standard B, in conjunction with IEC 60335-2-54 Ed 4.2 (2019) Household and similar electrical appliances—Safety—Part 2-54: Particular requirements for surface-cleaning appliances for household use employing liquids or steam
Thermal storage room heaters	Standard B, in conjunction with IEC 60335-2-61 Ed 2.2 (2009) Household and similar electrical appliances—Safety—Part 2-61: Particular requirements for thermal storage room heaters
Toilets	Standard B, in conjunction with IEC 60335-2-84 Ed 3.0 (2019) Household and similar electrical appliances—Safety—Part 2-84: Particular requirements for toilet appliances
Tumble dryers	IEC 60335-2-11 Ed 8.0 (2019) Household and similar electrical appliances—Safety—Part 2-11: Particular requirements for tumble dryers as modified by AS/NZS 60335.2.11:2020 Household and similar electrical appliances—Safety—Part 2.11: Particular requirements for tumble dryers
UV radiation water treatment appliances	Standard A, in conjunction with IEC 60335-2-109 Ed 2.0 (2023) Household and similar electrical appliances—Safety—Part 2-109: Particular requirements for UV radiation water treatment appliances <i>or</i> Until 04/05/2027, standard B, in conjunction with IEC 60335-2-109 Ed 1.2 (2016) Household and similar electrical appliances—Safety—Part 2-109: Particular requirements for UV radiation water treatment appliances
Vacuum cleaners and water-suction cleaning devices	Standard B, in conjunction with IEC 60335-2-2 Ed 7.0 (2019) Household and similar electrical appliances—Safety—Part 2-2: Particular requirements for vacuum cleaners and water-suction cleaning appliances as modified by AS/NZS 60335.2.2:2020 Household and similar electrical appliances—Safety—Part 2.2: Particular requirements for vacuum cleaners and water-suction cleaning appliances, including Amendment 1
Vaporisers	Standard B, in conjunction with IEC 60335-2-101 Ed 1.2 (2014) Household and similar electrical appliances—Safety—Part 2-101: Particular requirements for vaporizers

Household and similar electrical appliances	Applicable standard
Warming plates and similar appliances	Standard B, in conjunction with IEC 60335-2-12 Ed 5.2 (2017) Household and similar electrical appliances—Safety—Part 2-12: Particular requirements for warming plates and similar appliances
Washing machines	Standard B, in conjunction with IEC 60335-2-7 Ed 8.0 (2019) Household and similar electrical appliances—Safety—Part 2-7: Particular requirements for washing machines
Water-bed heaters	Standard B, in conjunction with IEC 60335-2-66 Ed 2.2 (2011) Household and similar electrical appliances—Safety—Part 2-66: Particular requirements for water-bed heaters
Wet and dry vacuum cleaners, including power brush, for commercial use	Standard B, in conjunction with IEC 60335-2-69 Ed 5.0 (2016) Household and similar electrical appliances—Safety—Part 2-69: Particular requirements for wet and dry vacuum cleaners, including power brush, for commercial use as modified by AS/NZS 60335.2.69:2017 Household and similar electrical appliances—Safety—Part 2.69: Particular requirements for wet and dry vacuum cleaners, including power brush, for commercial use
Whirlpool baths and whirlpool spas	Standard B, in conjunction with IEC 60335-2-60 Ed 4.0 (2017) Household and similar electrical appliances—Safety—Part 2-60: Particular requirements for whirlpool baths and whirlpool spas as modified by AS/NZS 60335.2.60:2018 Household and similar electrical appliances—Safety—Part 2.60: Particular requirements for whirlpool baths and whirlpool spas

In Schedule 4, clause 2, replace the table with:

Other electrical appliances	Applicable standard
Electric duct heaters	AS/NZS 3102:2002 Approval and test specification—Electric duct heaters, including Amendments 1, 2, 3, and 4
Electric toys	IEC 62115 Ed 2.0 (2017) Electric toys—Safety
Portable inverters	AS/NZS 4763:2011 Safety of portable inverters
Smoke detectors	AS/NZS 3100:2022 Approval and test specification—General requirements for electrical equipment, including Amendment 1

In Schedule 4, clause 3, replace the table with:

Low voltage electrical apparatus	Applicable standard
Air-break switches	AS 3133:2020 Approval and test specification—Air-break switches <i>or</i> IEC 60669-1 Ed 4.0 (2017) + COR1:2020 Switches for household and similar fixed electrical installations—Part 1: General requirements as modified by AS/NZS 60669.1:2020 Switches for household and similar fixed electrical installations—Part 1: General requirements, in conjunction with IEC 60669-2-2 Ed 3.0 (2006) Switches for household and

Low voltage electrical apparatus	Applicable standard
	similar fixed electrical installations—Part 2-2: Particular requirements—Electromagnetic remote-control switches (RCS), including Amendment 1
Appliance couplers for household and similar general purposes	IEC 60320-1 Ed 3.1 (2018) Appliance couplers for household and similar general purposes—Part 1: General requirements as modified by AS/NZS 60320.1:2023 Appliance couplers for household and similar general purposes—Part 1: General requirements
Bayonet lampholder adaptors	AS/NZS 3119:2015 Approval and test specification—Lampholder adaptors
Bayonet lampholders	IEC 61184 Ed 4.1 (2019) Bayonet lampholders as modified by Appendix ZZ of AS 61184:2022 Bayonet lampholders
Ceiling roses	AS/NZS 3113:2005 Approval and test specification—Ceiling roses
Cord extension sets	AS/NZS 3199:2020 Approval and test specification—Cord extension sets
Cord extension sockets	AS/NZS 3120:2021 Approval and test specification—Cord extension sockets
Cord-line switches	IEC 61058-2-1 Ed 3.0 (2018) Switches for appliances—Part 2-1: Particular requirements for cord switches or AS/NZS 3127:2005 Approval and test specification—Cord-line switches
Edison screw lampholders	IEC 60238 Ed 9.2 (2020) Edison screw lampholders as modified by AS 60238:2022 Edison screw lampholders
Electric shaver supply units	AS 3194:2015 Approval and test specification—Electric shaver supply units, including Amendment 1 or Until 4/5/2026, AS/NZS 3194:2015 Approval and test specification—Electric shaver supply units
Electrical equipment of machines	IEC 60204-1 Ed 6.1 (2021) Safety of machinery—Electrical equipment of machines—Part 1: General requirements
Electrical portable outlet devices	AS/NZS 3105:2014 Approval and test specification—Electrical portable outlet devices, including Amendment 1, subject to the following modification: After clause 5.5.8.2, insert as clause 5.5.9: “Conductive material shall not be used in the construction of shutters and associated components.”
Interconnection couplers for household and similar equipment	IEC 60320-2-2 Ed 2.0 (1998) Appliance couplers for household and similar general purposes—Part 2-2: Interconnection couplers for household and similar equipment as modified by AS/NZS 60320.2.2:2004 Appliance couplers for household and similar general purposes—Part 2.2: Interconnection couplers for household and similar equipment
Plugs and socket-outlets	AS/NZS 3112
Plugs and socket-outlets for stationary appliances	AS/NZS 3131:2015 Approval and test specification—Plugs and socket-outlets for stationary appliances

Low voltage electrical apparatus	Applicable standard
Plugs, socket-outlets, and couplers for general industrial application	AS/NZS 3123:2005 Approval and test specification—Plugs, socket-outlets and couplers for general industrial application
Plugs, socket-outlets, and couplers for industrial purposes—dimensional interchangeability requirements for pin and contact-tube accessories	IEC 60309-2 Ed 5.0 (2021) Plugs, fixed or portable socket-outlets and appliance inlets for industrial purposes—Part 2: Dimensional compatibility requirements for pin and contact-tube accessories
Plugs, socket-outlets, and couplers for industrial purposes—general requirements	IEC 60309-1 Ed 5.0 (2021) Plugs, fixed or portable socket-outlets and appliance inlets for industrial purposes—Part 1: General requirements
Plugs, socket-outlets, and couplers for industrial purposes—switched socket-outlets and connectors with or without interlock	IEC 60309-4 Ed 2.0 (2021) Plugs, fixed or portable socket-outlets and appliance inlets for industrial purposes—Part 4: Switched socket-outlets with or without interlock
Sewing machine couplers	AS/NZS 60320.1:2023 Appliance couplers for household and similar general purposes—Part 1: General requirements, in conjunction with IEC 60320-2-1 Ed 3.0 (2018) Appliance couplers for household and similar general purposes—Part 2-1: Sewing machine couplers, including Corrigendum 1
Socket-outlet adaptors	AS/NZS 3122:2021 Approval and test specification—Socket-outlet adaptors
Temperature sensing controls	IEC 60730-2-9 Ed 4.2 (2020) Automatic electrical controls—Part 2-9: Particular requirements for temperature sensing control

In Schedule 4, clause 4, replace the table with:

Electric wires and cables	Applicable standard
Cables for high voltage luminous discharge tube installations	AS/NZS 3166:1993 Approval and test specification—Cables for high voltage luminous discharge tube installations
Electric cables—polymeric insulated—for distribution and service applications	AS/NZS 4961:2003 Electric cables—Polymeric insulated—For distribution and service applications
Electric cables—polymeric insulated—for working voltages up to and including 0.6/1 (1.2) kV	AS/NZS 5000.1:2005 Electric cables—Polymeric insulated—Part 1: For working voltages up to and including 0.6/1 (1.2) kV, including Amendment 1
Electric cables—polymeric insulated—for working voltages up to and including 450/750 V	AS/NZS 5000.2:2006 Electric cables—Polymeric insulated—Part 2: For working voltages up to and including 450/750 V
Electric cables—polymeric insulated—multicore control cables	AS/NZS 5000.3:2003 Electric cables—Polymeric insulated—Part 3: Multicore control cables
Electric flexible cords	AS/NZS 3191:2008 Electric flexible cords or AS/NZS IEC 60227.5:2019 Polyvinyl chloride insulated cables of rated voltages up to and including 450/750 V—Part 5: Flexible cables (cords) or AS/NZS IEC 60245.4:2020 Rubber insulated cables—Rated voltages up to and including 450/750 V—Part 4: Cords and flexible cables
Heating cables with a rated voltage of 300/500 V for comfort heating and prevention of ice formation	IEC 60800 Ed 4.0 (2021) Heating cables with a rated voltage up to and including 300/500 V for comfort heating and prevention of ice formation

Electric wires and cables	Applicable standard
Insulating covers for electrical purposes	AS 4202:1994 Insulating covers for electrical purposes
Polyvinyl chloride insulated cables of rated voltages up to and including 450/750 V—flexible cables (cords)	AS/NZS IEC 60227.5:2019 Polyvinyl chloride insulated cables of rated voltages up to and including 450/750 V, Part 5: Flexible cables (cords)
Rubber insulated cables—rated voltages up to and including 450/750 V—cords and flexible cables	AS/NZS IEC 60245.4:2020 Rubber insulated cables—Rated voltages up to and including 450/750 V—Part 4: Cords and flexible cables
Rubber insulated cables—rated voltages up to and including 450/750 V—cords for applications requiring high flexibility	IEC 60245-8 Ed 1.2 (2011) Rubber insulated cables—Rated voltages up to and including 450/750 V—Part 8: Cords for applications requiring high flexibility, including Amendments 1 and 2
Rubber insulated cables—rated voltages up to and including 450/750 V—heat-resistant silicone insulated cables	IEC 60245-3 Ed 2.0 (2011) Rubber insulated cables—Rated voltages up to and including 450/750 V—Part 3: Heat resistant silicone insulated cables, including Amendments 1 and 2

In Schedule 4, clause 5, replace the table with:

Switches for circuits, installation protective devices, and connection devices	Applicable standard
Arc fault detection devices	IEC 62606 Ed 1.1 (2017) General requirements for arc fault detection devices as modified by Appendix ZZ of AS/NZS 62606:2022 General requirements for arc fault detection devices
Assemblies for power distribution in public networks	IEC 61439-5 Ed 3.0 (2023) Low-voltage switchgear and controlgear assemblies—Part 5: Assemblies for power distribution in public networks <i>or</i> Until 04/05/2026, IEC 61439-5 Ed 2.0 (2014) Low-voltage switchgear and controlgear assemblies—Part 5: Assemblies for power distribution in public networks
Circuit-breakers for overcurrent protection for household and similar installations—circuit-breakers for AC operation	AS/NZS 60898.1:2004 Electrical accessories—Circuit-breakers for overcurrent protection for household and similar installations—Circuit-breakers for a.c. operation <i>or</i> IEC 60898-1 Ed 2.1 (2019) Electrical accessories—Circuit-breakers for overcurrent protection for household and similar installations—Part 1: Circuit-breakers for a.c. operation <i>or</i> AS/NZS 3111:2009 Approval and test specification—Miniature overcurrent circuit-breakers, including Amendments 1 and 2
Circuit-breakers for overcurrent protection for household and similar installations—circuit-breakers for AC and DC operation	IEC 60898-2 Ed. 2.0 (2016) Electrical accessories—Circuit-breakers for overcurrent protection for household and similar installations—Part 2: Circuit-breakers for AC and DC operation
Contactors and motor-starters—AC semiconductor controllers and contactors for non-motor loads	IEC 60947-4-3 Ed 3.0 (2020) Low-voltage switchgear and controlgear—Part 4-3: Contactors and motor-starters—Semiconductor controllers and semiconductor contactors for non-motor loads

Switches for circuits, installation protective devices, and connection devices

Control circuit devices and switching elements—DC interface for proximity sensors and switching amplifiers (NAMUR)

Control circuit devices and switching elements—electrical emergency stop device with mechanical latching function

Control circuit devices and switching elements—proximity devices with defined behaviour under fault conditions

DC isolators

Electromagnetic remote-control switches (RCS)

Electronic switches

Installation couplers intended for permanent connection in fixed installations

Applicable standard

IEC 60947-5-6 Ed 1.0 (1999) Low-voltage switchgear and controlgear—Part 5-6: Control circuit devices and switching elements—DC interface for proximity sensors and switching amplifiers (NAMUR)

IEC 60947-5-5 Ed 1.2 (2016) Low-voltage switchgear and controlgear—Part 5-5: Control circuit devices and switching elements—Electrical emergency stop device with mechanical latching function

IEC 60947-5-3 Ed 2.0 (2013) Low-voltage switchgear and controlgear—Part 5-3: Control circuit devices and switching elements—Requirements for proximity devices with defined behaviour under fault conditions (PDDb)

IEC 60947-3 Ed 4.0 (2020) Low-voltage switchgear and controlgear—Part 3: Switches, disconnectors, switch-disconnectors and fuse-combination units as modified by AS 60947.3:2023 Low-voltage switchgear and controlgear—Part 3: Switches, disconnectors, switch-disconnectors and fuse-combination units

IEC 60669-1 Ed 4.0 (2017) + COR1:2020 Switches for household and similar fixed electrical installations as modified by AS/NZS 60669.1:2020 Switches for household and similar fixed electrical installations—Part 1: General requirements, in conjunction with IEC 60669-2-2 Ed 3.0 (2006) Switches for household and similar fixed electrical installations—Part 2-2: Particular requirements—Electromagnetic remote-control switches (RCS)

IEC 60669-1 Ed 4.0 (2017) + COR1:2020 Switches for household and similar fixed electrical installations as modified by AS/NZS 60669.1:2020 Switches for household and similar fixed electrical installations—Part 1: General requirements, in conjunction with IEC 60669-2-1 Ed 4.1 (2009) Switches for household and similar fixed electrical installations—Part 2-1: Particular requirements—Electronic switches as modified by AS/NZS 60669.2.1:2013 Switches for household and similar fixed electrical installations—Part 2.1: Particular requirements—Electronic switches

or

IEC 60669-1 Ed 4.0 (2017) + COR1:2020 Switches for household and similar fixed electrical installations as modified by AS/NZS 60669.1:2020 Switches for household and similar fixed electrical installations—Part 1: General requirements, in conjunction with IEC 60669-2-1 Ed 4.2 (2015) Switches for household and similar fixed electrical installations—Part 2-1: Particular requirements—Electronic switches as modified by AS 60669.2.1:2020 Switches for household and similar fixed electrical installations—Part 2.1: Particular requirements—Electronic switches

IEC 61535 Ed 1.1 (2012) Installation couplers intended for permanent connection in fixed installations as modified by AS/NZS 61535:2011

Switches for circuits, installation protective devices, and connection devices**Applicable standard**

	Installation couplers intended for permanent connection in fixed installations
Isolating switches	IEC 60669-1 Ed 4.0 (2017) + COR1:2020 Switches for household and similar fixed electrical installations as modified by AS/NZS 60669.1:2020 Switches for household and similar fixed electrical installations—Part 1: General requirements, in conjunction with IEC 60669-2-2 Ed 3.0 (2006) Switches for household and similar fixed electrical installations—Part 2-2: Particular requirements—Electromagnetic remote-control switches (RCS), in conjunction with IEC 60669-2-4 Ed 1.0 (2004) Switches for household and similar fixed electrical installations—Part 2-4: Particular requirements—Isolating switches
Low-voltage assemblies intended to be installed in places where unskilled persons have access for their use	IEC 61439-3 Ed 1.0 (2012) Low-voltage switchgear and controlgear assemblies—Part 3: Distribution boards intended to be operated by ordinary persons (DBO) as modified by AS/NZS 61439.3:2016 Low-voltage switchgear and controlgear assemblies—Part 3: Distribution boards intended to be operated by ordinary persons (DBO)
Low-voltage fuses for use by authorised persons	IEC 60269-1 Ed 4.2 (2014) Low-voltage fuses—Part 1: General requirements, in conjunction with IEC 60269-2 Ed 5.1 (2016) Low-voltage fuses—Part 2: Supplementary requirements for fuses for use by authorized persons (fuses mainly for industrial application)—Examples of standardized systems of fuses A to K
Low-voltage fuses for use by unskilled persons	IEC 60269-1 Ed 4.2 (2014) Low-voltage fuses—Part 1: General requirements in conjunction with IEC 60269-3 Ed 4.2 (2019) Low-voltage fuses—Part 3: Supplementary requirements for fuses for use by unskilled persons (fuses mainly for household and similar applications)—Examples of standardized systems of fuses A to F
Low-voltage switchgear and controlgear assemblies for construction sites (ACS)	IEC 61439-4 Ed 1.0 (2012) Low-voltage switchgear and controlgear assemblies—Part 4: Particular requirements for assemblies for construction sites (ACS) as modified by AS/NZS 61439.4:2016 Low-voltage switchgear and controlgear assemblies—Part 4: Particular requirements for assemblies for construction sites (ACS)
Low-voltage switchgear and controlgear assemblies—General rules	IEC 61439-1 Ed 2.0 (2011) Low-voltage switchgear and control gear assemblies—Part 1: General rules as modified by AS/NZS 61439.1:2016 Low-voltage switchgear and controlgear assemblies—Part 1: General rules
Low-voltage switchgear and controlgear assemblies—Power switchgear and controlgear assemblies	IEC 61439-2 Ed. 2.0 (2011) Low-voltage switchgear and controlgear assemblies—Part 2: Power switchgear and controlgear assemblies as modified by AS/NZS 61439.2:2016 Low-voltage switchgear and controlgear assemblies—Part 2: Power switchgear and controlgear assemblies

Switches for circuits, installation protective devices, and connection devices

Multiple-function equipment—automatic transfer switching equipment

Portable residual current devices (PRCD)

Portable socket outlet assembly (PSOA)—for construction site use

Portable socket outlet assembly (PSOA)—for household and similar general use

Residual current operated circuit-breakers with integral overcurrent protection for household and similar uses (RCBOs)

Residual current operated circuit-breakers without integral overcurrent protection for household and similar uses (RCCBs)

Switches, disconnectors, switch-disconnectors, and fuse-combination units

Time-delay switches (TDS)

Type F and type B residual current operated circuit-breakers with integral overcurrent protection for household and similar uses

Applicable standard

IEC 60947-6-1 Ed 3.0 (2021) Low-voltage switchgear and controlgear—Part 6-1: Multiple function equipment—Transfer switching equipment

AS/NZS 3190

AS/NZS 3012, in conjunction with AS/NZS 3190, subject to the following modifications:

1. A PSOA is not a PRCD but is to be treated as a PRCD for the purpose of applying the standard, except that nothing in the standard requires a PSOA to have an RCD that continues to provide protection or automatically open on the failure of the supply voltage.

2. Clause 4.1(e) and Type FS requirements do not apply to a PSOA.

AS/NZS 3190, subject to the following modifications:

1. In clause 2.6, replace “for construction and demolition sites as defined in AS/NZS 3012” with “for household and similar general use”.

2. In clause 7.3.2.2, replace the prescribed wording with: “**NOT FOR CONSTRUCTION SITE USE**”.

AS/NZS 3190

and

IEC 61009-1 Ed 3.2 (2013) Residual current operated circuit-breakers with integral overcurrent protection for household and similar uses (RCBOs)—Part 1: General rules as modified by AS/NZS 61009.1:2015 Residual current operated circuit-breakers with integral overcurrent protection for household and similar uses (RCBOs)—Part 1: General rules

AS/NZS 3190

and

IEC 61008-1 Ed 3.2 (2013) Residual current operated circuit-breakers without integral overcurrent protection for household and similar uses (RCCBs)—Part 1: General rules as modified by AS/NZS 61008.1:2015 Residual current operated circuit-breakers without integral overcurrent protection for household and similar uses (RCCBs)—Part 1: General rules

IEC 60947-3 Ed 4.0 (2020) Low-voltage switchgear and controlgear—Part 3: Switches, disconnectors, switch-disconnectors and fuse-combination units

IEC 60669-2-3 Ed 3.0 (2006) Switches for household and similar fixed electrical installations—Part 2-3: Particular requirements—Time-delay switches (TDS)

AS/NZS 3190

and

IEC 62423 Ed 2.0 (2009) + COR1:2011 + COR2:2021 Type F and type B residual current operated circuit-breakers with and without integral overcurrent protection for household and similar uses

and

Switches for circuits, installation protective devices, and connection devices

	Applicable standard
Type F and type B residual current operated circuit-breakers without integral overcurrent protection for household and similar uses	IEC 61009-1 Ed 3.2 (2013) Residual current operated circuit-breakers with integral overcurrent protection for household and similar uses (RCBOs)—Part 1: General rules as modified by AS/NZS 61009.1:2015 Residual current operated circuit-breakers with integral overcurrent protection for household and similar uses (RCBOs)—Part 1: General rules AS/NZS 3190 and IEC 62423 Ed 2.0 (2009) + COR1:2011 and COR2:2021 Type F and type B residual current operated circuit-breakers with and without integral overcurrent protection for household and similar uses and IEC 61008-1 Ed 3.2 (2013) Residual current operated circuit-breakers without integral overcurrent protection for household and similar uses (RCCBs)—Part 1: General rules as modified by AS/NZS 61008.1:2015 Residual current operated circuit-breakers without integral overcurrent protection for household and similar uses (RCCBs)—Part 1: General rules
Type-tested and partially type-tested assemblies	IEC 61439-1 Ed 2.0 (2011) Low-voltage switchgear and controlgear assemblies—Part 1: General rules as modified by AS/NZS 61439.1:2016 Low-voltage switchgear and controlgear assemblies—Part 1: General rules

In Schedule 4, replace clause 6(1) with:

- (1) In subclause (2),—
- standard E** means IEC 62841-1 Ed 1.0 (2014) Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery—Safety—Part 1: General requirements as modified by AS/NZS 62841.1:2015 Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery—Safety—Part 1: General requirements, including Amendments 1 and 2
- standard F** means IEC 60745-1 Ed 4.0 (2006) Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery—Safety—Part 1: General requirements as modified by AS/NZS 60745.1:2009 Hand-held motor-operated electrical tools—Safety—Part 1: General requirements, including Amendment 1.

In Schedule 4, clause 6(2), replace the table with:

Hand-held motor-operated electric tools	Applicable standard
Band saws	Standard F, in conjunction with IEC 60745-2-20 Ed 1.1 (2008) Hand-held motor-operated electric tools—Safety—Part 2-20: Particular requirements for band saws
Chain saws	Standard E, in conjunction with IEC 62841-4-1 Ed 1.0 (2017) Electric motor-operated hand-held tools,

Hand-held motor-operated electric tools	Applicable standard
Circular saws	transportable tools and lawn and garden machinery— Safety—Part 4-1: Particular requirements for chain saws Standard E, in conjunction with IEC 62841-2-5 Ed 1.0 (2014) Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery— Safety—Part 2-5: Particular requirements for hand-held circular saws
Concrete vibrators	Standard F, in conjunction with IEC 60745-2-12 Ed 2.1 (2008) Hand-held motor-operated electric tools— Safety—Part 2-12: Particular requirements for concrete vibrators as modified by AS/NZS 60745.2.12:2009 Hand-held motor-operated electrical tools— Safety—Part 2.12: Particular requirements for concrete vibrators
Cut-off machines	Standard E, in conjunction with IEC 62841-3-10 Ed 1.1 (2022) Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery— Safety—Part 3-10: Particular requirements for transportable cut-off machines
Die grinders and small rotary tools	Standard F, in conjunction with IEC 60745-2-23 Ed 1.0 (2012) Hand-held motor-operated electric tools— Safety—Part 2-23: Particular requirements for die grinders and small rotary tools
Drain cleaners	Standard E, in conjunction with IEC 62841-2-21 Ed 1.0 (2017) Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery— Safety—Part 2-21: Particular requirements for hand-held drain cleaners
Drills and impact drills	Standard E, in conjunction with IEC 62841-2-1 Ed 1.1 (2021) Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery— Safety—Part 2-1: Particular requirements for hand-held drills and impact drills
Grinders, polishers, and disc-type sanders	Standard F, in conjunction with IEC 60745-2-3 Ed 2.2 (2012) Hand-held motor-operated electric tools— Safety—Part 2-3: Particular requirements for grinders, polishers and disk-type sanders as modified by AS/NZS 60745.2.3:2011 Hand-held motor-operated electric tools— Safety—Part 2.3: Particular requirements for grinders, polishers and disk-type sanders, including Amendment 1
Hammers	Standard E, in conjunction with IEC 62841-2-6 Ed 1.0 (2020) Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery— Safety—Part 2-6: Particular requirements for hand-held hammers
Hedge trimmers	Standard E, in conjunction with IEC 62841-4-2 Ed 1.1 (2017) Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery— Safety—Part 4-2: Particular requirements for hedge trimmers
Jointers	Standard E, in conjunction with IEC 60745-2-19 Ed 1.1

Hand-held motor-operated electric tools	Applicable standard
Mixers	Standard E, in conjunction with IEC 62841-2-10 Ed 1.0 (2017) Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery—Safety—Part 2-10: Particular requirements for hand-held mixers
Other hand-held motor-operated electric tools	AS/NZS 3160:2009 Approval and test specification—Hand-held portable electric tools, including Amendment 1
Planers	Standard E, in conjunction with IEC 62841-2-14 Ed 1.0 (2015) Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery—Safety—Part 2-14: Particular requirements for hand-held planers
Reciprocating saws (jig and sabre saws)	Standard E, in conjunction with IEC 62841-2-11 Ed 1.1 (2018) Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery—Safety—Part 2-11: Particular requirements for hand-held reciprocating saws
Routers and trimmers	Standard E, in conjunction IEC 62841-2-17 Ed 1.0 (2017) Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery—Safety—Part 2-17: Particular requirements for hand-held routers
Sanders and polishers other than disc type	Standard E, in conjunction with IEC 62841-2-4 Ed 1.0 (2014) Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery—Safety—Part 2-4: Particular requirements for hand-held sanders and polishers other than disc type
Scissors type grass shears	Standard E, in conjunction with IEC 62841-4-5 Ed 1.0 (2021) Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery—Safety—Part 4-5: Particular requirements for grass shears
Screwdrivers and impact wrenches	Standard E, in conjunction with IEC 62841-2-2 Ed 1.0 (2014) Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery—Safety—Part 2-2: Particular requirements for hand-held screwdrivers and impact wrenches
Shears and nibblers	Standard E, in conjunction with IEC 62841-2-8 Ed 1.0 (2016) Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery—Safety—Part 2-8: Particular requirements for hand-held shears and nibblers
Spray guns for non-flammable liquids	AS/NZS 3160:2009 Approval and test specification—Hand-held portable electric tools, including Amendment 1
Strapping tools	Standard F, in conjunction with IEC 60745-2-18 Ed 1.1 (2008) Hand-held motor-operated electric tools—Safety—Part 2-18: Particular requirements for strapping tools
Tackers	Standard F, in conjunction with IEC 60745-2-16 Ed 2.0 (2008) Hand-held motor-operated electric tools—Safety—Part 2-16: Particular requirements for tackers

Hand-held motor-operated electric tools	Applicable standard
Tappers and threaders	Standard E, in conjunction with IEC 62841-2-9 Ed 1.0 (2015) Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery—Safety—Part 2-9: Particular requirements for hand-held tappers and threaders
Transportable bench grinders	Standard E, in conjunction with IEC 62841-3-4 Ed 1.1 (2019) Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery—Safety—Part 3-4: Particular requirements for transportable bench grinders
Transportable diamond drills with liquid system	Standard E, in conjunction with IEC 62841-3-6 Ed 1.1 (2022) Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery—Safety—Part 3-6: Particular requirements for transportable diamond drills with liquid system
Transportable drills	Standard E, in conjunction with IEC 62841-3-13 Ed 1.0 (2017) Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery—Safety—Part 3-13: Particular requirements for transportable drills
Transportable mitre saws	Standard E, in conjunction with IEC 62841-3-9 Ed 2.0 (2020) Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery—Safety—Part 3-9: Particular requirements for transportable mitre saws
Transportable table saws	Standard E, in conjunction with IEC 62841-3-1 Ed 1.1 (2021) Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery—Safety—Part 3-1: Particular requirements for transportable table saws
Transportable threading machines	Standard E, in conjunction with IEC 62841-3-12 Ed 1.1 (2021) Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery—Safety—Part 3-12: Particular requirements for transportable threading machines
Walk-behind and hand-held lawn trimmers and lawn edge trimmers	Standard E, in conjunction with IEC 62841-4-4 Ed 1.0 (2021) Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery—Safety—Part 4-4: Particular requirements for lawn trimmers, lawn edge trimmers, grass trimmers, brush cutters and brush saws

In Schedule 4, clause 7, replace the table with:

Electric welding machines	Applicable standard
Limited-duty, portable AC arc welding machines	IEC 60974-6 Ed 3.0 (2015) Arc welding equipment—Part 6: Limited duty equipment

In Schedule 4, clause 8, replace the table with:

Audio and video products	Applicable standard
Audio, video, and similar electronic apparatus	IEC 62368-1 Ed 3.0 (2018) Audio/video, information and communication technology equipment—Part 1: Safety requirements as modified by Appendix ZZ of AS/NZS 62368.1:2022 Audio/video, information and

Audio and video products	Applicable standard communication technology equipment—Part 1: Safety requirements <i>or</i> AS/NZS 60065:2012 Audio, video and similar electronic apparatus—Safety requirements <i>or</i> IEC 60065 Ed 7.2 (2011) Audio, video and similar electronic apparatus—Safety requirements as modified by Annex ZZ of AS/NZS 60065:2012 Audio, video and similar electronic apparatus—Safety requirements
Power supplies for IT equipment	IEC 62368-1 Ed 3.0 (2018) Audio/video, information and communication technology equipment—Part 1: Safety requirements as modified by Appendix ZZ of AS/NZS 62368.1:2022 Audio/video, information and communication technology equipment—Part 1: Safety requirements <i>or</i> AS/NZS 60065:2012 Audio, video and similar electronic apparatus—Safety requirements <i>or</i> IEC 60065 Ed 7.2 (2011) Audio, video and similar electronic apparatus—Safety requirements as modified by Annex ZZ of AS/NZS 60065:2012 Audio, video and similar electronic apparatus—Safety requirements
Safety aspects for DC power transfer through communication cables and ports	IEC 62368-3 Ed 1.0 (2017) Audio/video, information and communication technology equipment—Part 3: Safety aspects for DC power transfer through communication cables and ports as modified by AS 62368.3:2023 Audio/video, information and communication technology equipment—Part 3: Safety aspects for DC power transfer through communication cables and ports <i>or</i> Until 4/5/2026, IEC 62368-3 Ed 1.0 (2017) Audio/video, information and communication technology equipment—Part 3: Safety aspects for DC power transfer through communication cables and ports

In Schedule 4, clause 9, replace the table with:

Information technology equipment	Applicable standard
Information technology equipment	IEC 62368-1 Ed 3.0 (2018) Audio/video, information and communication technology equipment—Part 1: Safety requirements as modified by Appendix ZZ of AS/NZS 62368.1:2022 Audio/video, information and communication technology equipment—Part 1: Safety requirements <i>or</i> AS/NZS 60950:2011 Information technology equipment—Safety—General requirements <i>or</i> AS/NZS 62368.1:2018 Audio/video, information and communication technology equipment—Part 1: Safety requirements <i>or</i>

Information technology equipment	Applicable standard
	IEC 60950-1 Ed 2.1 (2012) Information technology equipment—Safety—Part 1: General requirements as modified by Annex ZZ of AS/NZS 60950:2011 Information technology equipment—Safety—General requirements
Power supplies for IT equipment	IEC 62368-1 Ed 3.0 (2018) Audio/video, information and communication technology equipment—Part 1: Safety requirements as modified by Appendix ZZ of AS/NZS 62368.1:2022 Audio/video, information and communication technology equipment—Part 1: Safety requirements or AS/NZS 60950:2011 Information technology equipment—Safety—General requirements or AS/NZS 62368.1:2018 Audio/video, information and communication technology equipment—Part 1: Safety requirements or IEC 60950-1 Ed 2.1 (2012) Information technology equipment—Safety—Part 1: General requirements as modified by Annex ZZ of AS/NZS 60950:2011 Information technology equipment—Safety—General requirements

In Schedule 4, replace clause 10(1) with:

- (1) In subclause (2), **standard G** means IEC 60601-1 Ed 3.2 (2020) Medical electrical equipment—Part 1: General requirements for basic safety and essential performance.

In Schedule 4, clause 10(2), replace the table with:

Electrical medical devices	Applicable standard
Ambulatory electrocardiographic systems	Standard G, in conjunction with IEC 60601-2-47 Ed 2.0 (2012) Medical electrical equipment—Part 2-47: Particular requirements for the basic safety and essential performance of ambulatory electrocardiographic systems
Anaesthetic systems	Standard G, in conjunction with ISO 80601-2-13 Ed 2.0 (2022) Medical electrical equipment—Part 2-13: Particular requirements for basic safety and essential performance of an anaesthetic workstation
Automatic cycling non-invasive blood pressure monitoring equipment	Standard G, in conjunction with IEC 80601-2-30 Ed 2.0 (2018) Medical electrical equipment—Part 2-30: Particular requirements for the basic safety and essential performance of automated non-invasive sphygmomanometers
Blankets, pads, and mattresses intended for heating in medical use	Standard G, in conjunction with IEC 60601-2-35 Ed 2.1 (2023) Medical electrical equipment—Part 2-35: Particular requirements for the basic safety and essential performance of heating devices using blankets, pads or mattresses and intended for heating in medical use
Cardiac defibrillators	Standard G, in conjunction with IEC 60601-2-4 Ed 3.1 (2018) Medical electrical equipment—Part 2-4:

Electrical medical devices	Applicable standard
Clinical thermometers for body temperature measurement	Particular requirements for the basic safety and essential performance of cardiac defibrillators Standard G, in conjunction with ISO 80601-2-56 Ed 2.0 (2017) Medical electrical equipment—Part 2-56: Particular requirements for basic safety and essential performance of clinical thermometers for body temperature measurement
Medical electrical equipment—Alarm systems in medical electrical equipment and medical electrical systems	Standard G, in conjunction with IEC 60601-1-8 Ed 2.2 (2020) Medical electrical equipment—Part 1-8: General requirements for basic safety and essential performance—Collateral Standard: General requirements, tests and guidance for alarm systems in medical electrical equipment and medical electrical systems
Medical electrical equipment—Electromagnetic compatibility	Standard G, in conjunction with IEC 60601-1-2 Ed 4.1 (2020) Medical electrical equipment—Part 1-2: General requirements for basic safety and essential performance—Collateral Standard: Electromagnetic disturbances—Requirements and tests
Medical electrical equipment—Electromagnetic disturbances	Standard G, in conjunction with IEC 60601-1-2 Ed 4.1 (2020) Medical electrical equipment—Part 1-2: General requirements for basic safety and essential performance—Collateral Standard: Electromagnetic disturbances—Requirements and tests
Medical electrical equipment and medical electrical systems used in the home healthcare environment	Standard G, in conjunction with IEC 60601-1-11 Ed 2.1 (2020) Medical electrical equipment—Part 1-11: General requirements for basic safety and essential performance—Collateral Standard: Requirements for medical electrical equipment and medical electrical systems used in the home healthcare environment
Medical electrical equipment and medical electrical systems intended for use in the emergency medical services environment	Standard G, in conjunction with IEC 60601-1-12 Ed 1.1 (2020) Medical electrical equipment—Part 1-12: General requirements for basic safety and essential performance—Collateral Standard: Requirements for medical electrical equipment and medical electrical systems intended for use in the emergency medical services environment
Medical electrical equipment—Physiologic closed-loop controllers	Standard G, in conjunction with IEC 60601-1-10 Ed 1.2 (2020) Medical electrical equipment—Part 1-10: General requirements for basic safety and essential performance—Collateral Standard: Requirements for the development of physiologic closed-loop controllers
Medical electrical equipment—Radiation protection in diagnostic X-ray equipment	Standard G, in conjunction with IEC 60601-1-3 Ed 2.2 (2021) Medical electrical equipment—Part 1-3: General requirements for basic safety and essential performance—Collateral Standard: Radiation protection in diagnostic X-ray equipment
Medical electrical equipment—usability	Standard G, in conjunction with IEC 60601-1-6 Ed 3.2 (2020) Medical electrical equipment—Part 1-6: General requirements for basic safety and essential performance—Collateral standard: Usability
Critical care ventilators	Standard G, in conjunction with ISO 80601-2-12 Ed 3.0 (2023) Medical electrical equipment—Part 2-12:

Electrical medical devices	Applicable standard
Dental extra-oral X-ray equipment	Particular requirements for basic safety and essential performance of critical care ventilators Standard G, in conjunction with IEC 60601-2-63 Ed 1.2 (2021) Medical electrical equipment—Part 2-63: Particular requirements for the basic safety and essential performance of dental extra-oral X-ray equipment
Dental intra-oral X-ray equipment	Standard G, in conjunction with IEC 60601-2-65 Ed 1.2 (2021) Medical electrical equipment—Part 2-65: Particular requirements for the basic safety and essential performance of dental intra-oral X-ray equipment
Diagnostic and therapeutic laser equipment	Standard G, in conjunction with IEC 60601-2-22 Ed 4.0 (2019) Medical electrical equipment—Part 2-22: Particular requirements for basic safety and essential performance of surgical, cosmetic, therapeutic and diagnostic laser equipment
Direct blood-pressure monitoring equipment	Standard G, in conjunction with IEC 60601-2-34 Ed 3.0 (2011) Medical electrical equipment—Part 2-34: Particular requirements for the basic safety and essential performance of invasive blood pressure monitoring equipment
Electrocardiographic monitoring equipment	Standard G, in conjunction with IEC 60601-2-27 Ed 3.0 (2011) Medical electrical equipment—Part 2-27: Particular requirements for the basic safety and essential performance of electrocardiographic monitoring equipment
Electrocardiographs	Standard G, in conjunction with IEC 60601-2-25 Ed 2.0 (2011) Medical electrical equipment—Part 2-25: Particular requirements for the basic safety and essential performance of electrocardiographs
Electroencephalographs	Standard G, in conjunction with IEC 80601-2-26 Ed 1.0 (2019) Medical electrical equipment—Part 2-26: Particular requirements for the basic safety and essential performance of electroencephalographs
Electromyographs and evoked response equipment	Standard G, in conjunction with IEC 60601-2-40 Ed 2.0 (2016) Medical electrical equipment—Part 2-40: Particular requirements for the basic safety and essential performance of electromyographs and evoked response equipment
Electron accelerators in the range of 1 MeV to 50 MeV	Standard G, in conjunction with IEC 60601-2-1 Ed 4.0 (2020) Medical electrical equipment—Part 2-1: Particular requirements for the basic safety and essential performance of electron accelerators in the range 1 MeV to 50 MeV
Endoscopic equipment	Standard G, in conjunction with IEC 60601-2-18 Ed 3.0 (2009) Medical electrical equipment—Part 2-18: Particular requirements for the basic safety and essential performance of endoscopic equipment
External cardiac pacemakers with internal power source	Standard G, in conjunction with IEC 60601-2-31 Ed 3.0 (2020) Medical electrical equipment—Part 2-31: Particular requirements for the basic safety and essential performance of external cardiac pacemakers with internal power source

Electrical medical devices	Applicable standard
Extracorporeally induced lithotripsy	Standard G, in conjunction with IEC 60601-2-36 Ed 2.0 (2014) Medical electrical equipment—Part 2-36: Particular requirements for the basic safety and essential performance of equipment for extracorporeally induced lithotripsy
Gamma beam therapy equipment	Standard G, in conjunction with IEC 60601-2-11 Ed 3.0 (2013) Medical electrical equipment—Part 2-11: Particular requirements for the basic safety and essential performance of gamma beam therapy equipment
Haemodialysis, haemodiafiltration, and haemofiltration equipment	Standard G, in conjunction with IEC 60601-2-16 Ed 5.0 (2018) Medical electrical equipment—Part 2-16: Particular requirements for the basic safety and essential performance of haemodialysis, haemodiafiltration and haemofiltration equipment
High-frequency surgical equipment	Standard G, in conjunction with IEC 60601-2-2 Ed 6.1 (2023) Medical electrical equipment—Part 2-2: Particular requirements for the basic safety and essential performance of high frequency surgical equipment and high frequency surgical accessories
Infant incubators	Standard G, in conjunction with IEC 60601-2-19 Ed 3.1 (2023) Medical electrical equipment—Part 2-19: Particular requirements for the basic safety and essential performance of infant incubators
Infant phototherapy equipment	Standard G, in conjunction with IEC 60601-2-50 Ed 3.1 (2023) Medical electrical equipment—Part 2-50: Particular requirements for the basic safety and essential performance of infant phototherapy equipment
Infant radiant warmers	Standard G, in conjunction with IEC 60601-2-21 Ed 3.1 (2023) Medical electrical equipment—Part 2-21: Particular requirements for the basic safety and essential performance of infant radiant warmers
Infant transport incubators	Standard G, in conjunction with IEC 60601-2-20 Ed 3.1 (2023) Medical electrical equipment—Part 2-20: Particular requirements for the basic safety and essential performance of infant transport incubators
Infusion pumps and controllers	Standard G, in conjunction with IEC 60601-2-24 Ed 2.0 (2012) Medical electrical equipment—Part 2-24: Particular requirements for the basic safety and essential performance of infusion pumps and controllers
Lens removal devices and vitrectomy devices for ophthalmic surgery	Standard G, in conjunction with IEC 80601-2-58 Ed 2.1 (2016) Medical electrical equipment—Part 2-58: Particular requirements for the basic safety and essential performance of lens removal devices and vitrectomy devices for ophthalmic surgery
Magnetic resonance equipment for medical diagnosis	Standard G, in conjunction with IEC 60601-2-33 Ed 4.0 (2022) Medical electrical equipment—Part 2-33: Particular requirements for the basic safety and essential performance of magnetic resonance equipment for medical diagnosis
Mammographic X-ray equipment and mammographic stereotactic devices	Standard G, in conjunction with IEC 60601-2-45 Ed 3.2 (2022) Medical electrical equipment—Part 2-45:

Electrical medical devices	Applicable standard
Medical beds	Particular requirements for the basic safety and essential performance of mammographic X-ray equipment and mammographic stereotactic devices Standard G, in conjunction with IEC 60601-2-52 Ed 1.1 (2015) Medical electrical equipment—Part 2-52: Particular requirements for the basic safety and essential performance of medical beds
Microwave therapy equipment	Standard G, in conjunction with IEC 60601-2-6 Ed 2.2 (2022) Medical electrical equipment—Part 2-6: Particular requirements for the basic safety and essential performance of microwave therapy equipment
Multifunction patient monitoring equipment	Standard G, in conjunction with IEC 80601-2-49 Ed 1.0 (2018) Medical electrical equipment—Part 2-49: Particular requirements for the basic safety and essential performance of multifunction patient monitors
Nerve and muscle stimulators	Standard G, in conjunction with IEC 60601-2-10 Ed 2.2 (2023) Medical electrical equipment—Part 2-10: Particular requirements for the basic safety and essential performance of nerve and muscle stimulators
Non-laser light source equipment intended for therapeutic, diagnostic, monitoring and cosmetic/aesthetic use	Standard G, in conjunction with IEC 60601-2-57 Ed 2.0 (2023) Medical electrical equipment—Part 2-57: Particular requirements for the basic safety and essential performance of non-laser light source equipment intended for therapeutic, diagnostic, monitoring, cosmetic and aesthetic use
Operating tables	Standard G, in conjunction with IEC 60601-2-46 Ed 4.0 (2023) Medical electrical equipment—Part 2-46: Particular requirements for the basic safety and essential performance of operating tables
Oxygen concentrators for individual patient use	Standard G, in conjunction with ISO 80601-2-69 Ed 2.0 (2020) Medical electrical equipment—Part 2-69: Particular requirements for the basic safety and essential performance of oxygen concentrator equipment
Peritoneal dialysis equipment	Standard G, in conjunction with IEC 60601-2-39 Ed 3.0 (2018) Medical electrical equipment—Part 2-39: Particular requirements for basic safety and essential performance of peritoneal dialysis equipment
Portable medical socket outlet assembly for protection of medical procedures	AS/NZS 3190, subject to the following modifications: 1. A PSOA is not a PRCD but is to be treated as a PRCD for the purpose of applying the standard, except that nothing in the standard requires a PSOA to have an RCD that continues to provide protection or automatically open on the failure of the supply voltage. 2. Clause 4.1(e) and Type FS requirements do not apply to a PSOA.

Electrical medical devices	Applicable standard
	and AS/NZS 3012, as if it applied to portable medical socket outlet assembly for protection of medical procedures and subject to the following modification: In clause 2.6.10(f), after “and AS/NZS 3012”, insert “and suitable for use for protection of medical procedures”.
	and AS/NZS 3003:2018 Electrical installations—Patient areas, including Amendment 1
Portable residual device for protection of medical procedures	AS/NZS 3190
	and AS/NZS 3003:2018 Electrical installations—Patient areas, including Amendment 1
Pulse oximeter equipment	Standard G, in conjunction with ISO 80601-2-61 Ed 2.0 (2017) including corrected version (2018) Medical electrical equipment—Part 2-61: Particular requirements for basic safety and essential performance of pulse oximeter equipment
Radiotherapy simulators	Standard G, in conjunction with IEC 60601-2-29 Ed 3.0 (2008) Medical electrical equipment—Part 2-29: Particular requirements for the basic safety and essential performance of radiotherapy simulators
Remote-controlled automatically driven gamma-ray afterloading equipment	Standard G, in conjunction with IEC 60601-2-17 Ed 3.0 (2013) Medical electrical equipment—Part 2-17: Particular requirements for the basic safety and essential performance of automatically-controlled brachytherapy afterloading equipment
Respiratory gas monitors	Standard G, in conjunction with ISO 80601-2-55 Ed 2.0 (2018) Medical electrical equipment—Part 2-55: Particular requirements for the basic safety and essential performance of respiratory gas monitors
Screening thermographs for human febrile temperature screening	Standard G, in conjunction with IEC 80601-2-59 Ed 2.1 (2023) Medical electrical equipment—Part 2-59: Particular requirements for the basic safety and essential performance of screening thermographs for human febrile temperature screening
Short-wave therapy equipment	Standard G, in conjunction with IEC 60601-2-3 Ed 3.2 (2022) Medical electrical equipment—Part 2-3: Particular requirements for the basic safety and essential performance of short-wave therapy equipment
Sleep apnoea breathing therapy equipment	Standard G, in conjunction with ISO 80601-2-70 Ed 2.0 (2020) Medical electrical equipment—Part 2-70: Particular requirements for the basic safety and essential performance of sleep apnoea breathing therapy equipment
Surgical luminaires and luminaires for diagnosis	Standard G, in conjunction with IEC 60601-2-41 Ed 3.0 (2021) Medical electrical equipment—Part 2-41: Particular requirements for the basic safety and essential performance of surgical luminaires and luminaires for diagnosis
Therapeutic X-ray generators	Standard G, in conjunction with IEC 60601-2-8 Ed 2.1 (2015) Medical electrical equipment—Part 2-8:

Electrical medical devices	Applicable standard
Transcutaneous partial pressure monitoring equipment	Particular requirements for the basic safety and essential performance of therapeutic X-ray equipment operating in the range 10 kV to 1 MV Standard G, in conjunction with IEC 60601-2-23 Ed 3.0 (2011) Medical electrical equipment—Part 2-23: Particular requirements for the basic safety and essential performance of transcutaneous partial pressure monitoring equipment
Ultrasonic medical diagnostic and monitoring equipment	Standard G, in conjunction with IEC 60601-2-37 Ed 2.1 (2015) Medical electrical equipment—Part 2-37: Particular requirements for the basic safety and essential performance of ultrasonic medical diagnostic and monitoring equipment
Ultrasonic physiotherapy equipment	Standard G, in conjunction with IEC 60601-2-5 Ed 3.0 (2009) Medical electrical equipment—Part 2-5: Particular requirements for the basic safety and essential performance of ultrasonic physiotherapy equipment
X-ray equipment for interventional procedures	Standard G, in conjunction with IEC 60601-2-43 Ed 3.0 (2022) Medical electrical equipment—Part 2-43: Particular requirements for the basic safety and essential performance of X-ray equipment for interventional procedures
X-ray equipment for radiography and radioscopy	Standard G, in conjunction with IEC 60601-2-54 Ed 2.0 (2022) Medical electrical equipment—Part 2-54: Particular requirements for the basic safety and essential performance of X-ray equipment for radiography and radioscopy
X-ray source assemblies and X-ray tube assemblies for medical diagnosis generators	Standard G, in conjunction with IEC 60601-2-28 Ed 3.0 (2017) Medical electrical equipment—Part 2-28: Particular requirements for the basic safety and essential performance of X-ray tube assemblies for medical diagnosis

In Schedule 4, replace clause 11(1) with:

- (1) In subclause (2), **standard J** means IEC 60598-1 Ed 8.1 (2017) Luminaires—Part 1: General requirements and tests as modified by Appendix ZZ of AS/NZS 60598.1:2017 Luminaires—Part 1: General requirements and tests, including Amendments 1 and 2.

In Schedule 4, clause 11(2), replace the table with:

Lighting fittings	Applicable standard
Air handling luminaires	Standard J, in conjunction with IEC 60598-2-19 Ed 1.0 (1981) Luminaires—Part 2: Particular requirements—Section Nineteen: Air-handling luminaires (safety requirements) as modified by AS/NZS 60598.2.19:2001 Luminaires—Part 2.19: Particular requirements—Air handling luminaires (safety requirements)
Aquarium luminaires	Standard J, in conjunction with IEC 60598-2-11 Ed 2.1 (2022) Luminaires—Part 2-11: Particular requirements—Aquarium luminaires

Lighting fittings	Applicable standard
Extra-low-voltage lighting systems for filament lamps	Standard J, in conjunction with IEC 60598-2-23 Ed 2.0 (2020) Luminaires—Part 2-23: Particular requirements—Extra-low-voltage lighting systems for ELV light sources as modified by AS/NZS 60598.2.23:2021 Luminaires—Part 2.23: Particular requirements—Extra-low-voltage lighting systems for ELV light sources
Fixed general-purpose luminaires	Standard J, in conjunction with IEC 60598-2-1 Ed 1.0 (1979) Luminaires—Part 2-1: Particular requirements—Fixed general purpose luminaires, including Amendment 1 as modified by AS/NZS 60598.2.1:2014 Luminaires—Part 2.1: Particular requirements—Fixed general purpose luminaires, including Amendments 1 and 2
Floodlights	Standard J, in conjunction with IEC 60598-2-5 Ed 3.0 (2015) Luminaires—Part 2-5: Particular requirements—Floodlights
Ground-recessed luminaires	Standard J, in conjunction with IEC 60598-2-13 Ed 1.2 (2016) Luminaires—Part 2-13: Particular requirements—Ground recessed luminaires
Handlamps	Standard J, in conjunction with IEC 60598-2-8 Ed 3.0 (2013) Luminaires—Part 2-8: Particular requirements—Handlamps as modified by AS/NZS 60598.2.8:2015 Luminaires—Part 2.8: Particular requirements—Handlamps
Lighting chains	IEC 60598-2-20 Ed 4.0 (2014) Luminaires—Part 2-20: Particular requirements—Lighting chains as modified by Appendix ZZ of AS/NZS 60598.2.20:2018 <i>or</i> IEC 60598-2-20 Ed 5.0 (2022) Luminaires—Part 2-20: Particular requirements—Lighting chains
Luminaires for cold cathode tubular discharge lamps (neon tubes) and similar equipment	Standard J, in conjunction with IEC 60598-2-14 Ed 1.0 (2009) Luminaires—Part 2-14: Particular requirements—Luminaires for cold cathode tubular discharge lamps (neon tubes) and similar equipment
Luminaires for emergency lighting	Standard J, in conjunction with IEC 60598-2-22 Ed 4.1 (2017) Luminaires—Part 2-22: Particular requirements—Luminaires for emergency lighting
Luminaires for road and street lighting	Standard J, in conjunction with IEC 60598-2-3 Ed 3.1 (2011) Luminaires—Part 2-3: Particular requirements—Luminaires for road and street lighting as modified by AS/NZS 60598.2.3:2015 Luminaires—Part 2.3: Particular requirements—Luminaires for road and street lighting
Luminaires for stage lighting, television, film, and photographic studios (outdoor and indoor)	Standard J, in conjunction with IEC 60598-2-17 Ed 2.0 (2017) Luminaires—Part 2-17: Particular requirements—Luminaires for stage lighting, television and film studios (outdoor and indoor)
Luminaires for swimming pools and similar applications	Standard J, in conjunction with IEC 60598-2-18 Ed 3.0 (2022) Luminaires—Part 2-18: Particular requirements—Luminaires for swimming pools and similar applications as modified by AS 60598.2.18:2019 Luminaires—Part 2.18: Particular

Lighting fittings	Applicable standard
	requirements—Luminaires for swimming pools and similar applications
Luminaires for use in clinical areas of hospitals and health care buildings	Standard J, in conjunction with IEC 60598-2-25 Ed 1.0 (1994) Luminaires—Part 2: Particular requirements—Section 25: Luminaires for use in clinical areas of hospitals and health care buildings as modified by AS/NZS 60598.2.25:2001 Luminaires—Part 2.25: Particular requirements—Luminaires for use in clinical areas of hospitals and health care buildings
Luminaires with built-in transformers or convertors for filament lamps	Standard J, in conjunction with IEC 60598-2-6 Ed 2.0 (2001) Luminaires—Part 2: Particular requirements—Section 6: Luminaires with built-in transformers for filament lamps as modified by AS/NZS 60598.2.6:1998 Luminaires—Part 2.6: Particular requirements—Luminaires with built-in transformers or convertors for filament lamps
Luminaires with limited surface temperatures	Standard J, in conjunction with IEC 60598-2-24 Ed 2.0 (2013) Luminaires—Part 2-24: Particular requirements—Luminaires with limited surface temperatures
Mains socket-outlet mounted nightlights	Standard J, in conjunction with IEC 60598-2-12 Ed 2.0 (2013) Luminaires—Part 2-12: Particular requirements—Mains socket-outlet mounted nightlights as modified by AS/NZS 60598.2.12:2015 Luminaires—Part 2.12: Particular requirements—Mains socket-outlet mounted nightlights
Photo and film luminaires (non-professional)	Standard J, in conjunction with IEC 60598-2-9 Ed 2.0 (1987) Luminaires—Part 2: Particular requirements—Section 9: Photo and film luminaires (non-professional) as modified by AS/NZS 60598.2.9:2006 Luminaires—Part 2.9: Particular requirements—Photo and film luminaires (non-professional)
Portable general purpose luminaires	Standard J, in conjunction with IEC 60598-2-4 Ed 3.0 (2017) Luminaires—Part 2-4: Particular requirements—Portable general purpose luminaires as modified by Appendix ZZ of AS 60598.2.4:2019 Luminaires—Part 2.4: Particular requirements—Portable general purpose luminaires
Portable luminaires for children	Standard J, in conjunction with IEC 60598-2-10 Ed 2.0 (2003) Luminaires—Part 2-10: Particular requirements—Portable luminaires for children as modified by Appendix ZZ of AS/NZS 60598.2.10:2015 Luminaires—Part 2.10: Particular requirements—Portable luminaires for children
Portable luminaires for garden use	Standard J, in conjunction with IEC 60598-2-4 Ed 3.0 (2017) Luminaires—Part 2-4: Particular requirements—Portable general purpose luminaires as modified by Appendix ZZ of AS 60598.2.4:2019 Luminaires—Part 2.4: Particular requirements—Portable general purpose luminaires
Recessed luminaires	IEC 60598-2-2 Ed 3.0 (2011) Luminaires—Part 2-2: Particular requirements—Recessed luminaires as

Lighting fittings	Applicable standard
	modified by AS/NZS 60598.2.2:2016, including Amendments 1 and 2

In Schedule 4, replace clause 12(1) with:

- (1) In subclause (2), **standard L** means IEC 61347-1 Ed 3.0 (2015) Lamp controlgear—Part 1: General and safety requirements as modified by Appendix ZZ of AS/NZS 61347.1:2016 Lamp controlgear—Part 1: General and safety requirements, including Amendment 1.

In Schedule 4, clause 12(2), replace the table with:

Lamp control gear	Applicable standard
AC or DC supplied electronic ballasts for fluorescent lamps	Standard L, in conjunction with IEC 61347-2-3 Ed 2.1 (2016) Lamp control gear—Part 2-3: Particular requirements for a.c. and/or d.c. supplied electronic control gear for fluorescent lamps
Ballasts for discharge lamps (excluding fluorescent lamps)	Standard L, in conjunction with IEC 61347-2-9 Ed 2.0 (2012) Lamp controlgear—Part 2-9: Particular requirements for electromagnetic controlgear for discharge lamps (excluding fluorescent lamps)
Ballasts for fluorescent lamps	Standard L, in conjunction with IEC 61347-2-8 Ed 1.1 (2006) Lamp controlgear—Part 2-8: Particular requirements for ballasts for fluorescent lamps
DC or AC supplied electronic ballasts for discharge lamps (excluding fluorescent lamps)	Standard L, in conjunction with IEC 61347-2-12 Ed 1.1 (2010) Lamp controlgear—Part 2-12: Particular requirements for d.c. or a.c. supplied electronic ballasts for discharge lamps (excluding fluorescent lamps)
DC or AC supplied electronic controlgear for LED modules	Standard L, in conjunction with IEC 61347-2-13 Ed 2.1 (2016) Lamp controlgear—Part 2-13: Particular requirements for d.c. or a.c. supplied electronic controlgear for LED modules as modified by AS 61347.2.13:2018 Lamp controlgear—Part 2.13: Particular requirements for d.c. or a.c. supplied electronic controlgear for LED modules
DC or AC supplied electronic step-down convertors for filament lamps	Standard L, in conjunction with IEC 61347-2-2 Ed 2.0 (2011) Lamp controlgear—Part 2-2: Particular requirements for d.c. or a.c. supplied electronic step-down convertors for filament lamps
DC supplied electronic ballasts for emergency lighting	Standard L, in conjunction with IEC 61347-2-7 Ed 3.1 (2017) Lamp controlgear—Part 2-7: Particular requirements for battery supplied electronic controlgear for emergency lighting (self-contained) as modified by Appendix ZZ of AS 61347.2.7:2019 Lamp controlgear—Part 2.7: Particular requirements for battery supplied electronic controlgear for emergency lighting (self-contained)
Electronic inverters and convertors for high-frequency operation of cold start tubular discharge lamps (neon tubes)	Standard L, in conjunction with IEC 61347-2-10 Ed 1.1 (2009) Lamp controlgear—Part 2-10: Particular requirements for electronic invertors and convertors for high-frequency operation of cold start tubular discharge lamps (neon tubes)
Glow-starters for fluorescent lamps	IEC 60155 Ed 4.0 (1993) Glow-starters for fluorescent lamps as modified by AS 60155:2018

Lamp control gear	Applicable standard
	<i>or</i> IEC 60155 Ed 4.0 (1993) Glow-starters for fluorescent lamps as modified by AS/NZS 60155:2000 Glow-starters for fluorescent lamps, including Amendments 1 and 2
Miscellaneous electronic circuits used with luminaires	Standard L, in conjunction with IEC 61347-2-11 Ed 1.1 (2017) Lamp controlgear—Part 2-11: Particular requirements for miscellaneous electronic circuits used with luminaires
Starting devices (other than glow starters)	Standard L, in conjunction with IEC 61347-2-1 Ed 1.2 (2013) Lamp controlgear—Part 2-1: Particular requirements for starting devices (other than glow starters)

In Schedule 4, clause 13, replace the table with:

Lamps	Applicable standard
Tungsten filament lamps for domestic and similar general lighting purposes	AS/NZS 60432.1:2007 Incandescent lamps—Safety specifications—Part 1: Tungsten filament lamps for domestic and similar general lighting purposes <i>or</i> IEC 60432-1 Ed 2.2 (2012) Incandescent lamps—Safety specifications—Part 1: Tungsten filament lamps for domestic and similar general lighting purposes
Tungsten halogen lamps for domestic and similar general lighting purposes	AS/NZS 60432.2:2007 Incandescent lamps—Safety specifications—Part 2: Tungsten halogen lamps for domestic and similar general lighting purposes <i>or</i> IEC 60432-2 Ed 2.2 (2012) Incandescent lamps—Safety specifications—Part 2: Tungsten halogen lamps for domestic and similar general lighting purposes
Tungsten halogen lamps (non-vehicle)	IEC 60432-3 Ed 2.0 (2012) Incandescent lamps—Safety specifications—Part 3: Tungsten halogen lamps (non-vehicle)
Self-ballasted lamps for general lighting services	AS/NZS 60968:2001 Self-ballasted fluorescent lamps for general lighting services—Safety requirements <i>or</i> IEC 60968 Ed 3.0 (2015) Self-ballasted fluorescent lamps for general lighting services—Safety requirements

In Schedule 4, replace clause 14(1) with:

- (1) In subclause (2), **standard N** means IEC 61558-1 Ed 3.0 (2017) Safety of transformers, reactors, power supply units and combinations thereof—Part 1: General requirements and tests as modified by AS/NZS 61558.1:2018 Safety of transformers, reactors, power supply units and combinations thereof—Part 1: General requirements and tests, including Amendments 1 and 2.

In Schedule 4, clause 14(2), replace the table with:

Power transformers, power supplies, reactors, and similar products	Applicable standard
Aircraft ground power supplies	ISO 6858:2017 Aircraft—Ground support electrical supplies—General requirements
Auto transformers and power supply units incorporating auto transformers	Standard N, in conjunction with IEC 61558-2-13 Ed 3.0 (2022) Safety of transformers, reactors, power supply units and combinations thereof—Part 2-13: Particular requirements and tests for auto-transformers and power supply units incorporating auto-transformers for general applications
Bell and chime transformers and power supply units	Standard N, in conjunction with IEC 61558-2-8 Ed 2.0 (2010) Safety of transformers, reactors, power supply units and combinations thereof—Part 2-8: Particular requirements and tests for transformers and power supply units for bells and chimes as modified by AS/NZS 61558.2.8:2011 Safety of transformers, reactors, power supply units and combinations thereof—Part 2.8: Particular requirements and tests for transformers and power supply units for bells and chimes
Constant voltage transformers and power supply units	Standard N, in conjunction with IEC 61558-2-12 Ed 2.0 (2011) Safety of transformers, reactors, power supply units and combination thereof—Part 2-12: Particular requirements and tests for constant voltage transformers and power supply units for constant voltage
Control transformers and power supplies incorporating control transformers	Standard N, in conjunction with IEC 61558-2-2:2022 Ed 3.0 (2022) Safety of transformers, reactors, power supply units and combinations thereof—Part 2-2: Particular requirements and tests for control transformers and power supply units incorporating control transformers
Ignition transformers for gas and oil burners	Standard N, in conjunction with IEC 61558-2-3 Ed 3.0 (2023) Safety of transformers, reactors, power supply units and combinations thereof—Part 2-3: Particular requirements and tests for ignition transformers for gas and oil burners, including Corrigendum 1 <i>or</i> Until 04/05/2026, standard N, in conjunction with IEC 61558-2-3 Ed 2.0 (2010) Safety of transformers, reactors, power supply units and combinations thereof—Part 2-3: Particular requirements and tests for ignition transformers for gas and oil burners
Isolating transformers and power supply units for isolating transformers for general use	Standard N, in conjunction with IEC 61558-2-4 Ed 3.0 (2021) Safety of transformers, reactors, power supply units and combinations thereof—Part 2-4: Particular requirements and tests for isolating transformers and power supply units incorporating isolating transformers for general applications
Isolating transformers for the supply of medical locations	Standard N, in conjunction with IEC 61558-2-15 Ed 3.0 (2022) Safety of transformers, reactors, power supply units and combinations thereof—Part 2-15: Particular requirements and tests for isolating

Power transformers, power supplies, reactors, and similar products	Applicable standard
	transformers for medical IT systems for the supply of medical locations
Inverters for grid connection of energy systems	AS/NZS 4777.2:2020 Grid connection of energy systems via inverters—Part 2: Inverter requirements, including Amendment 1
Safety isolating transformers and power supply units for isolating transformers for general use	Standard N, in conjunction with IEC 61558-2-6 Ed 3.0 (2021) Safety of transformers, reactors, power supply units and combinations thereof—Part 2-6: Particular requirements and tests for safety isolating transformers and power supply units incorporating safety isolating transformers for general applications
Separating transformers and power supplies incorporating separating transformers for general applications	Standard N, in conjunction with IEC 61558-2-1 Ed 3.0 (2021) Safety of transformers, reactors, power supply units and combinations thereof—Part 2-1: Particular requirements and tests for separating transformers and power supply units incorporating separating transformers for general applications
Small reactors	Standard N, in conjunction IEC 61558-2-20 Ed 3.0 (2022) Safety of transformers, reactors, power supply units and combinations thereof—Part 2-20: Particular requirements and tests for small reactors
Switch mode power supply units and transformers for switch mode power supply units	Standard N, in conjunction IEC 61558-2-16 Ed 2.0 (2021) Safety of transformers, reactors, power supply units and combinations thereof—Part 2-16: Particular requirements and tests for switch mode power supply units and transformers for switch mode power supply units for general applications
Transformers and power supplies for toys	Standard N, in conjunction with IEC 61558-2-7 Ed 3.0 (2023) Safety of transformers, reactors, power supply units and combinations thereof—Part 2-7: Particular requirements and tests for transformers and power supply units for toys
Transformers and power supply units for construction sites	Standard N, in conjunction with IEC 61558-2-23 Ed 2.0 (2010) Safety of transformers, reactors, power supply units and combinations thereof—Part 2-23: Particular requirements and tests for transformers and power supply units for construction sites
Transformers for class III handlamps for tungsten filament lamps	Standard N, in conjunction with IEC 61558-2-9 Ed 2.0 (2010) Safety of transformers, reactors, power supply units and combinations thereof—Part 2-9: Particular requirements and tests for transformers and power supply units for class III handlamps for tungsten filament lamps
Transformers for shavers, power supply units for shavers, and shaver supply units	Standard N, in conjunction with IEC 61558-2-5 Ed 2.0 (2010) Safety of transformers, reactors, power supply units and combinations thereof—Part 2-5: Particular requirements and test for transformer for shavers, power supply units for shavers and shaver supply units as modified by AS/NZS 61558.2.5:2011 Safety of transformers, reactors, power supply units and combinations thereof—Part 2.5: Particular requirements and test for transformers for shavers,

Power transformers, power supplies, reactors, and similar products	Applicable standard
	power supply units for shavers and shaver supply units, including Amendment 1

In Schedule 4, clause 15(2), replace the table with:

Mining electrical equipment	Applicable standard
Battery powered electrical mobile machines	Standard Q, in conjunction with AS/NZS 4871.5:2010 Electrical equipment for mines and quarries—Part 5: Battery powered electrical mobile machines
Construction and testing of caplights	AS/NZS 60079.35.1:2011 Explosive atmospheres—Part 35.1: Caplights for use in mines susceptible to firedamp—General requirements—Construction and testing in relation to the risk of explosion <i>or</i> IEC 60079-35-1 Ed 1.0 (2011) Explosive atmospheres—Part 35-1: Caplights for use in mines susceptible to firedamp—General requirements—Construction and testing in relation to the risk of explosion
Conveyors	AS/NZS 4024.3610:2015 Safety of machinery—Part 3610: Conveyors—General requirements
Diesel powered machinery and ancillary equipment	Standard Q, in conjunction with AS/NZS 4871.6:2013 Electrical equipment for mines and quarries—Part 6: Diesel powered machinery and ancillary equipment
Distribution, control and auxiliary equipment	Standard Q, in conjunction with AS/NZS 4871.2:2010 Electrical equipment for mines and quarries—Part 2: Distribution, control and auxiliary equipment
Electrical protection devices for mines and quarries	AS/NZS 2081:2011 Electrical protection devices for mines and quarries
Electrical wiring systems at extra-low voltage of earth-moving machinery and ancillary equipment for use in mines	AS/NZS 4871.6:2013 Electrical equipment for mines and quarries—Part 6: Diesel powered machinery and ancillary equipment
Equipment protection by intrinsic safety ‘i’	AS/NZS 60079.11:2011 Explosive atmospheres—Part 11: Equipment protection by intrinsic safety ‘i’, including Amendment 1
Equipment protection by encapsulation ‘m’	AS/NZS 60079.18:2016 Explosive atmospheres—Part 18: Equipment protection by encapsulation ‘m’
Mains powered electrical mobile machines	Standard Q, in conjunction with AS/NZS 4871.4:2010 Electrical equipment for mines and quarries—Part 4: Mains powered electrical mobile machines
Materials for insulating power conducting components	AS 1147.1:1989 Electrical equipment for coal mines—Insulating materials—Part 1: Materials for insulating power conducting components
Reeling and trailing cables (other than underground coal mining)	AS/NZS 2802:2000 Electric cables—Reeling and trailing—For mining and general use (other than underground coal mining), including Amendment 1
Remote controls for mining equipment	AS/NZS 4240.1:2009 Remote control systems for mining equipment—Part 1: Design, construction, testing, installation and commissioning, in

Mining electrical equipment	Applicable standard conjunction with AS/NZS 4240.2:2009 Remote control systems for mining equipment—Part 2: Operation and maintenance for underground metalliferous mining <i>or</i> AS/NZS 4240.1:2009 Remote control systems for mining equipment—Part 1: Design, construction, testing, installation and commissioning, in conjunction with AS/NZS 4240.3:2013 Remote control systems for mining equipment—Part 3: Operation and maintenance for underground coal mining
Substations	Standard Q, in conjunction with AS/NZS 4871.3:2010 Electrical equipment for mines and quarries—Part 3: Substations, including Amendment 1

In Schedule 4, after clause 15, insert:

16 Beauty therapy electrical appliances

- (1) In subclause (2),—

standard A means IEC 60335-1 Ed 6.0 (2020) + COR1:2021 Household and similar electrical appliances—Safety—Part 1: General requirements as modified by AS/NZS 60335.1:2022 Household and similar electrical appliances—Safety—Part 1: General requirements

standard B means IEC 60335-1 Ed 5.2 (2016) Household and similar electrical appliances—Safety—Part 1: General requirements as modified by AS/NZS 60335.1:2020 Household and similar electrical appliances—Safety—Part 1: General requirements, including Amendment 1 and Corrigendum 1.

- (2) Standards apply to beauty therapy electrical appliances as set out in the following table:

Beauty therapy electrical appliances	Applicable standard
Appliances for skin exposure to ultraviolet and infrared radiation	Standard B, in conjunction with IEC 60335-2-27 Ed 6.0 (2019) Household and similar electrical appliances—Safety—Part 2-27: Particular requirements for appliances for skin exposure to optical radiation as modified by AS/NZS 60335.2.27:2020 Household and similar electrical appliances—Safety—Part 2.27: Particular requirements for appliances for skin exposure to optical radiation
Appliances for skin or hair care	Standard B, in conjunction with IEC 60335-2-23 Ed 6.1 (2019) Household and similar electrical appliances—Safety—Part 2-23: Particular requirements for appliances for skin or hair care as modified by AS/NZS 60335.2.23:2017 Household and similar electrical appliances—Safety—Part 2.23: Particular requirements for appliances for skin or hair care, including Amendments 1 and 2

Beauty therapy electrical appliances	Applicable standard
Cosmetic and beauty care appliances incorporating lasers and intense light sources	Standard B, in conjunction with IEC 60335-2-113 Ed 1.1 (2021) Household and similar electrical appliances—Safety—Part 2-113: Particular requirements for beauty care appliances incorporating lasers and intense light sources
Shavers, hair clippers, and similar appliances	Standard A, in conjunction with IEC 60335-2-8 Ed 7.0 (2022) Household and similar electrical appliances—Safety—Part 2-8: Particular requirements for shavers, hair clippers and similar appliances <i>or</i> Until 01/12/2026, standard B, in conjunction with IEC 60335-2-8 Ed 6.2 (2018) Household and similar electrical appliances—Safety—Part 2-8: Particular requirements for shavers, hair clippers and similar appliances
17 Electric vehicles and electric vehicle supply equipment	
(1) In subclause (2),—	
standard R means IEC 61851-1 Ed 3.0 (2017) Electric vehicle conductive charging system—Part 1: General requirements	
standard S means IEC 62196-1 Ed 4.0 (2022) Plugs, socket-outlets, vehicle connectors and vehicle inlets—Conductive charging of electric vehicles—Part 1: General requirements.	
(2) Standards apply to electric vehicles and electric vehicle supply equipment as set out in the following table:	
Electric vehicles and electric vehicle supply equipment	Applicable standard
AC electric vehicle charging station	Standard R
DC electric vehicle charging station	Standard R, in conjunction with IEC 61851-23 Ed 2.0 (2023) Electric vehicle conductive charging system—Part 23: DC electric vehicle supply equipment
Cables for AC charging according to modes 1, 2 and 3 of IEC 61851-1 of rated voltages up to and including 450/750 V	IEC 62893-3 Ed 1.0 (2017) Charging cables for electric vehicles of rated voltages up to and including 0,6/1 kV—Part 3: Cables for AC charging according to modes 1, 2 and 3 of IEC 61851-1 of rated voltages up to and including 450/750 V <i>and</i> IEC 62893-1 Ed 1.1 (2020) Charging cables for electric vehicles for rated voltages up to and including 0,6/1 KV—Part 1: General requirements <i>and</i> IEC 62893-2 Ed 1.0 (2017) Charging cables for electric vehicles of rated voltages up to and including 0,6/1 kV—Part 2: Test methods
Cables for DC charging according to mode 4 of IEC 61851-1—DC charging	IEC 62893-4-1 Ed 1.0 (2020) Charging cables for electric vehicles of rated voltages up to and including 0,6/1 kV—Part 4-1: Cables for DC

Electric vehicles and electric vehicle supply equipment without use of a thermal management system	Applicable standard charging according to mode 4 of IEC 61851-1—DC charging without use of a thermal management system
Cables for DC charging according to mode 4 of IEC 61851-1—Cables intended to be used with a thermal management system	<i>and</i> IEC 62893-1 Ed 1.1 (2020) Charging cables for electric vehicles for rated voltages up to and including 0,6/1 kV—Part 1: General requirements <i>and</i> IEC 62893-2 Ed 1.0 (2017) Charging cables for electric vehicles of rated voltages up to and including 0,6/1 kV—Part 2: Test methods IEC TS 62893-4-2 Ed 1.0 (2021) Charging cables for electric vehicles of rated voltages up to and including 0,6/1 kV—Part 4-2: Cables for DC charging according to mode 4 of IEC 61851-1—Cables intended to be used with a thermal management system
Conductive charging of electric vehicles—DC vehicle coupler configuration GG	<i>and</i> IEC 62893-1 Ed 1.1 (2020) Charging cables for electric vehicles for rated voltages up to and including 0,6/1 kV—Part 1: General requirements <i>and</i> IEC 62893-2 Ed 1.0 (2017) Charging cables for electric vehicles of rated voltages up to and including 0,6/1 kV—Part 2: Test methods Standard R, in conjunction with IEC PAS 63454 Ed 1.0 (2022) Conductive charging of electric vehicles—DC vehicle coupler configuration GG and IEC 61851-23 Ed 2.0 (2023) Electric vehicle conductive charging system—Part 23: DC electric vehicle supply equipment
DC electric vehicle supply equipment where protection relies on double or reinforced insulation—stationary equipment	<i>or</i> Standard R, in conjunction with IEC PAS 63454 Ed 1.0 (2022) Conductive charging of electric vehicles—DC vehicle coupler configuration GG and IEC 61851-25 Ed 1.0 (2020) Electric vehicle conductive charging system—Part 25: DC EV supply equipment where protection relies on electrical separation
DC electric vehicle supply equipment where protection relies on double or reinforced insulation—portable and mobile equipment	Standard R, in conjunction with IEC TS 61851-3-1 Ed 1.0 (2023) Electric vehicle conductive charging system—Part 3-1: DC EV supply equipment where protection relies on double or reinforced insulation—General rules and requirements for stationary equipment Standard R, in conjunction with IEC TS 61851-3-2 Ed 1.0 (2023) Electric vehicle conductive charging system—Part 3-2: DC EV supply equipment where protection relies on double or reinforced insulation—Particular requirements for portable and mobile equipment and IEC TS 61851-3-1 Ed 1.0 (2023) Electric vehicle conductive charging system—Part 3-1:

Electric vehicles and electric vehicle supply equipment	Applicable standard
Electrically propelled vehicles—not including road vehicles	DC EV supply equipment where protection relies on double or reinforced insulation—General rules and requirements for stationary equipment ISO 17409:2020 Electrically propelled road vehicles—Conductive power transfer—Safety requirements, subject to the variation that the standard must be read as applying to off-road electric vehicles
Electric vehicle conductive charging system	Standard R
Electric vehicle conductive charging system—DC EV supply equipment where protection relies on electrical separation	Standard R, in conjunction with IEC 61851-25 Ed 1.0 (2020) Electric vehicle conductive charging system—Part 25: DC EV supply equipment where protection relies on electrical separation
Electric vehicle conductive charging system using type 4 vehicle coupler	Standard R, in conjunction with IEC PAS 61851-1-1 Ed 1.0 (2023) Electric vehicle conductive charging system—Part 1-1: Specific requirements for electric vehicle conductive charging system using type 4 vehicle coupler
Electric vehicle wireless power transfer (WPT) systems	IEC 61980-1 Ed 2.0 (2020) Electric vehicle wireless power transfer (WPT) systems—Part 1: General requirements <i>and</i> IEC 61980-3 Ed 1.0 (2022) Electric vehicle wireless power transfer (WPT) systems—Part 3: Specific requirements for magnetic field wireless power transfer systems <i>and</i> IEC 61980-2 Ed 1.0 (2023) Electric vehicle wireless power transfer (WPT) systems—Part 2: Specific requirements for MF-WPT system communication and activities
In-cable control and protection device for mode 2 charging of electric road vehicles (IC-CPD)	Standard R, and IEC 62752 Ed 1.1 (2018) In-cable control and protection device for mode 2 charging of electric road vehicles (IC-CPD)
Plugs, socket-outlets, vehicle connectors, and vehicle inlets—conductive charging of electric vehicles	IEC 62196-1 Ed 4.0 (2022) Plugs, socket-outlets, vehicle connectors and vehicle inlets—Conductive charging of electric vehicles—Part 1: General requirements
Plugs, socket-outlets, vehicle connectors and vehicle inlets—AC pin and contact-tube accessories	Standard S, in conjunction with IEC 62196-2 Ed 3.0 (2022) Plugs, socket-outlets, vehicle connectors and vehicle inlets—Conductive charging of electric vehicles—Part 2: Dimensional compatibility requirements for AC pin and contact-tube accessories
Plugs, socket-outlets, vehicle connectors and vehicle inlets—DC and AC/DC pin and contact-tube vehicle couplers	Standard S, in conjunction with IEC 62196-3 Ed 2.0 (2022) Plugs, socket-outlets, vehicle connectors and vehicle inlets—Conductive charging of electric vehicles—Part 3: Dimensional compatibility requirements for DC and AC/DC pin and contact-tube vehicle couplers

Electric vehicles and electric vehicle supply equipment Plugs, socket-outlets, vehicle connectors and vehicle inlets—DC pin and contact-tube accessories for Class II or Class III applications Plugs, socket-outlets, vehicle connectors and vehicle inlets—DC pin and contact-tube vehicle couplers intended to be used for DC electric vehicle supply equipment where protection relies on electrical separation Plugs, socket-outlets, vehicle connectors and vehicle inlets—Vehicle connector, vehicle inlet, and cable assembly for DC charging intended to be used with a thermal management system Residual DC detecting devices Secondary lithium batteries for light electric vehicle applications—not including road vehicles	Applicable standard Standard S, in conjunction with IEC TS 62196-4 Ed 1.0 (2022) Plugs, socket-outlets, vehicle connectors and vehicle inlets—Conductive charging of electric vehicles—Part 4: Dimensional compatibility and interchangeability requirements for DC pin and contact-tube accessories for Class II or Class III applications Standard S, in conjunction with IEC 62196-6 Ed 1.0 (2022) Plugs, socket-outlets, vehicle connectors and vehicle inlets—Conductive charging of electric vehicles—Part 6: Dimensional compatibility requirements for DC pin and contact-tube vehicle couplers intended to be used for DC EV supply equipment where protection relies on electrical separation Standard S, in conjunction with IEC TS 62196-3-1 Ed 1.0 (2020) Plugs, socket-outlets, vehicle connectors and vehicle inlets—Conductive charging of electric vehicles—Part 3-1: Vehicle connector, vehicle inlet and cable assembly for DC charging intended to be used with a thermal management system Standard R, and IEC 62955 Ed 1.0 (2018) Residual direct current detecting device (RDC-DD) to be used for mode 3 charging of electrical vehicles EN 50604-1:2016 + A1:2021 Secondary lithium batteries for light EV (electric vehicle) applications—Part 1: General safety requirements and test methods, subject to the variation that the standard must be read as applying to off-road electric vehicles
18 Electrical energy sources	
Standards apply to electrical energy sources as set out in the following table:	
Electrical energy sources Lithium cells in batteries	Applicable standard AS IEC 62619:2023 Secondary cells and batteries containing alkaline or other non-acid electrolytes—Safety requirements for secondary lithium cells and batteries, for use in industrial applications <i>or</i> IEC 62133-2:2017 + AMD1:2021 Secondary cells and batteries containing alkaline or other non-acid electrolytes—Safety requirements for portable sealed secondary cells, and for batteries made from them, for use in portable applications—Part 2: Lithium systems

Clerk of the Executive Council.

Explanatory note

This note is not part of the regulations but is intended to indicate their general effect.

These regulations, which come into force on 13 November 2025, amend the Electricity (Safety) Regulations 2010 (the **principal regulations**).

The amendments incorporate updated New Zealand and international standards. They also incorporate new standards to keep up to date with recent technological developments, including standards for—

- electric bikes, to the extent that a bike is in scope of the applicable standard for electrically power-assisted cycles; and
- personal e-transporters, such as electric scooters, skateboards, and hoverboards; and
- electric vehicle supply equipment; and
- lithium cells in batteries.

The amendments provide for a 1-year transitional period during which people may choose to continue to use the old standards or switch to the new standards. If the amendments apply standards to new items not previously covered, a person has until 13 November 2026 to comply with these standards.

The transitional provisions clarify that items that are existing or in-process before the commencement of the amendments can continue to be covered by the principal regulations as they were before the amendments, provided that the items are not electrically unsafe.

These regulations also amend regulation 28 of the principal regulations to increase the permitted voltage range for electricity supplied through low-voltage distribution networks from plus or minus 6% to plus or minus 10% (*see regulation 7*).

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Date of notification in *Gazette*:

These regulations are administered by the Ministry of Business, Innovation, and Employment.