

AS/NZS 3000:2007: Electrical installations (known as the Australian/New Zealand Wiring Rules): including Amendments 1 and 2, subject to the following modifications: 1. In 4.5.2.3.2, change “warning sign shall be installed” to “warning sign shall be installed or fitted in domestic installations but may be omitted from all other installations”. 2. In 4.18.1(b) and (c), change “all live (active and neutral) conductors” to “all active conductors”. 3. Add a new paragraph to 4.18.2: “In New Zealand, only electrical equipment that is directly associated with the gas supply may be installed in the hazardous areas of a domestic installation, shown in figure 4.10.” 4. Replace 4.18.3 with “In New Zealand, only electrical equipment (including metering equipment) that is directly associated with the gas supply may be installed in the exclusion zones of a domestic	AS/NZS 3000:2018 Electrical installations - Known as the Australian/New Zealand Wiring Rules
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AS/NZS 3000:2018

Electrical installations - Known as the Australian/New Zealand Wiring Rules - Including Amendment 1, Amendment 2, and Amendment 3.

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WorkSafe proposes a 12 month transition period between the current Australian/New Zealand Rules and the version included in this update		1.Remove reference to clause 1.7.3 Equipment selection The reason for this is that the Electricity (Safety) Regulations prescribe an equipment regime, it is not appropriate for AS/NZS3000 to also prescribe an equipment regime for New Zealand.	2. Change to: Remove reference to 2.3.2.1.2(b)(I) and 2.3.2.1.2(c) The reason for this is that there needs to be an ability to switch the neutral and earth for EV charging and when an installation is operated independent of the grid.
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3.Delete clause 2.6.2.2.3(b) and replace it with: "Either type A in accordance with IEC 61009.1 or IEC 61008.1 Or Type F or Type B in accordance with IEC 62423." This is to allow the use of Type B and F RCDs and also refer to the standard cited in Schedule 4.	4.Delete 2.6.3.3.2 Exception 2, Bullet point 2 – this exception is no longer needed due to change in technology use.	5.In clause 4.18.5 Reticulated lighter-than-air gas system, delete the words "lighter-than-air" Reason: this would allow this clause to also apply to reticulated LPG installations.	6.Amend clause 4.18.5 so that the term "hazardous area" has the same meaning as "exclusion zone" and the title for Figure 4.20. Reason: A hazardous area is different to an exclusion zone. An exclusion zone does not allow any electrical equipment into the zone whereas a hazardous area, which does not exist in residential, requires special precaution for electrical equipment as well as a periodic inspection. We do not want to impose a periodic inspection on domestic premises in this way.
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7.In clause 8.3.10 paragraph 2 delete the words "either by the operation of the integral test device, or".	With the exception of clause 7.9.4	Clause 7.9.3 change title and all words in the clause to remove the word “domestic” Reason: to clarify that the clause applies in all installation rather than just domestic	What are we doing about appendix P? also add in all rcds to have a residual current rating of not exceeding 30 ma. Add 7.9.3.4 The requirements in appendix P must be complied with.
Delete note 4.			
Clause 8.3.10 add in new paragraph 5 after paragraph 4: The function testing of the RCD is to include trip time, as well as confirmation that the functions that the RCD has are working, as well as confirmation that protection against electric shock is provided by which tripping is ensured for residual sinusoidal alternating current and residual pulsating direct current, as well as the presence of DC leakage and wave form distortion, as well as constant DC where applicable.”			
The reason for this is to ensure that RCDs are tested to ensure that they are working but are not deemed unsafe by Regulation 24 of the Electricity (Safety) Regulations due to the trip time.			

Change: 2.2.1.4 Remove the title ‘Notes” and make the clause substantive. (1) Change the word “guidance” to requirements. Reason: to ensure that the NZ requirement for EV charging is mandatory.	Change clause 7.9 and appendix P to make all Mode 4 information guidance only.	Change clause 1.5.6.3: At the end of paragraph 1 insert the following: "Any RCD that forms part of the installation shall be selected and installed to be compatible with the types of lead intended to be used within the installation. Consideration shall be applied for potential pulsating and constant DC fault currents and waveform distortion." Reason: To ensure RCDs in an installation are not blinded by the presence of DC and they maintain their safety function.	Delete clause 1.6.2(c) note (b) Reason: In New Zealand the ESR prescribes standard low voltage, not IEC 60038.	Replace: 2.6.3.3.3 – All with “ Where a installation or part installation has been installed in accordance with AS/NZS3003, the requirements of 2.6.3.3.1 do not apply.” Reason: to ensure that the facilitation of home medical treatment set out in AS/NZS 3003 can be effectively implemented.
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Need to write the policy paper
wording for Evs - removal of mode
4 requiremets. Make the
requirements mandatory

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