

Title	Demonstrate knowledge of, and apply electrical legislation, New Zealand Codes of Practice, and Standards		
Level	4	Credits	8

Purpose	<p>This unit standard covers the assessment of knowledge of electrical legislation, Standards, and New Zealand Electrical Codes of Practice for the registration of electricians and electrical installers.</p> <p>People credited with this unit standard are able to demonstrate knowledge of, and apply:</p> <ul style="list-style-type: none"> – the Electricity Act 1992 and the Electricity (Safety) Regulations 2010; and – New Zealand Electrical Codes of Practice and Standards.
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Classification	Electrical Engineering > Electrical Standards and Statutes
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Available grade	Achieved
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Entry information	
Critical health and safety prerequisites	<p>For electrical installers, be working towards the New Zealand Certificate in Electrical Engineering Theory (Level 3) [Ref: 3287]</p> <p>For electricians, be working towards the New Zealand Certificate in Electrical Engineering Theory and Practice (Trade) (Level 4) [Ref: 2388]; or demonstrate equivalent knowledge and skills.</p> <p>Before being assessed against this unit standard all candidates must have achieved unit standard 29484, <i>Demonstrate knowledge of theory and practice for electrical workers</i>.</p>

Explanatory notes

- 1 This unit standard has been developed for learning and assessment off-job.
- 2 Under the Electricity Amendment Act 2006 the Electrical Workers Registration Board (EWRB) has a responsibility to set registration criterion for electrical workers and ensure that all persons applying for electrical registration are competent.
- 3 To be eligible for registration as electrical workers, candidates must complete a competency-based programme of learning approved by the EWRB and must pass the EWRB theory examination for the registration class, which is based on the requirements of the EWRB *Teaching Guidelines* available at EWRB - Publications for

the registration class required. Electricians, Electrical Engineers, and Electrical Installers must also pass the EWRB Regulations examination. The EWRB Regulations examination is the only valid assessment tool for this unit standard, and credit for this unit standard may only be granted on evidence of passing the examination. The only references for this examination are the Electricity (Safety) Regulations 2010, and the EWRB *Teaching Guidelines*.

Candidates also need to pass the electrician three-stage practical skill assessment programme or an electrician practical examination.

The examination prescription and practical skill assessments prescribed in the EWRB *Teaching Guidelines for Electrician* are structured around the essential capabilities and critical items that are considered relevant to electricians.

4 Examination results will be notified by the EWRB.

5 References

AS/NZS 3000:2007, *Electrical Installations (known as the Australian/New Zealand Wiring Rules)*;

Electricity (Safety) Regulations 2010;

Electricity Act 1992;

EWRB *Teaching Guidelines* available at [EWRB - Publications](#);

New Zealand Electrical Codes of Practice (Ministry of Economic Development, ISSN 0114-0663);

and all subsequent amendments and replacements.

6 Range

a During assessment, candidates will need to refer to copies of the above.

b Material required for EWRB examinations is available at [EWRB - Material for Examinations](#).

c All evidence presented for all of the outcomes and evidence requirements in this unit standard must be in accordance with legislation, codes of practice, and Standards listed in explanatory note 5; with industry practice; and with the EWRB *Teaching Guidelines for Electricians*.

Outcomes and evidence requirements

Outcome 1

Demonstrate knowledge of, and apply the Electricity Act and the Electricity (Safety) Regulations.

Range provisions of the Act and regulations relating to – electrical safety, registration and licensing of workers, testing of prescribed electrical work, certification of prescribed electrical work, connection of prescribed electrical work.

Evidence requirements

1.1 Present answers in response to questions regarding the provisions of the Act and regulations.

1.2 Apply the Act and regulations to given practical situations within the scope of work performed by registered electricians.

Outcome 2

Demonstrate knowledge of, and apply, the New Zealand Electrical Codes of Practice and Standards.

Range refer to explanatory note 5.

Evidence requirements

- 2.1 Present answers in response to questions regarding the provisions of the New Zealand Electrical Codes of Practice and Standards.
- 2.2 Apply the New Zealand Electrical Codes of Practice and Standards to given practical situations within the scope of work performed by registered electricians.

Planned review date	31 December 2019
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Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	29 March 1994	31 December 2011
Review	2	23 April 1996	31 December 2011
Review	3	10 February 1999	31 December 2011
Review	4	26 May 2005	31 December 2021
Review	5	17 June 2011	31 December 2021
Review	6	21 July 2016	N/A

Consent and Moderation Requirements (CMR) reference	0003
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This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

Please note

Providers must be granted consent to assess against standards (accredited) by NZQA, before they can report credits from assessment against unit standards or deliver courses of study leading to that assessment.

Industry Training Organisations must be granted consent to assess against standards by NZQA before they can register credits from assessment against unit standards.

Providers and Industry Training Organisations, which have been granted consent and which are assessing against unit standards must engage with the moderation system that applies to those standards.

Requirements for consent to assess and an outline of the moderation system that applies to this standard are outlined in the Consent and Moderation Requirements (CMRs). The CMR also includes useful information about special requirements for organisations wishing to develop education and training programmes, such as minimum qualifications for tutors

and assessors, and special resource requirements.

Comments on this unit standard

Please contact The Skills Organisation at reviewcomments@skills.org.nz if you wish to suggest changes to the content of this unit standard.