

Title	Demonstrate knowledge of legislation and standards governing the work of electricians		
Level	3	Credits	2

Purpose	<p>This unit standard is intended for use in the training of electricians, and covers a basic understanding of the framework of legislation, standards, organisations, and processes which govern their work in New Zealand.</p> <p>People credited with this unit standard are able to:</p> <ul style="list-style-type: none"> – identify legislation, codes of practice, standards, and organisations that have an impact on the work of electricians; – demonstrate knowledge of the responsibilities and limitations of registered electricians; – demonstrate knowledge of the Electricity (Safety) Regulations; and – demonstrate knowledge of AS/NZS 3000.
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Classification	Electrical Engineering > Electrical Standards and Statutes
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Available grade	Achieved
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Guidance Information

- 1 This unit standard has been developed for learning and assessment off-job.
- 2 References
 Building Act 2004;
 Electricity Act 1992;
 Electricity (Safety) Regulations 2010;
 Health and Safety at Work Act 2015, and associated regulations;
 AS/NZS 3000:2007, *Electrical installations (known as the Australian/New Zealand Wiring Rules)* including Amendment 1;
 AS/NZS 3760:2010, *In-service safety inspection and testing of electrical equipment* including Amendment 1;
 Electrical Workers Registration Board, *Supervision Procedures for Trainees*, (2010) available at <https://www.ewrb.govt.nz/for-registered-electrical-workers/supervision/>; and all subsequent amendments and replacements.
- 3 Definition
Current regulations and standards – refer to the requirements of the above legislation and standards, applied to the context in which the term is used.
- 4 For assessment purposes candidates may refer to current regulations and standards.

Outcomes and performance criteria

Outcome 1

Identify legislation, codes of practice, standards, and organisations that have an impact on the work of electricians.

Performance criteria

1.1 Acts of importance to the work of electricians are identified.

Range Electricity Act 1992, Health and Safety at Work Act 2015, Building Act 2004.

1.2 Regulations of importance to the work of electricians are identified.

Range Building Act 2004, Electricity (Safety) Regulations 2010.

1.3 Key standards of importance to the work of electricians are identified.

Range AS/NZS 3000, AS/NZS 3760.

1.4 Organisations that impact on the work of electricians are identified.

Range Electrical Worker's Registration Board (EWRB), Ministry of Business, Innovation and Employment, The Skills Organisation, electrical supply companies (energy suppliers), electrical industry associations.

1.5 The purpose of site safety identifications, such as the Site Safe Passport, is explained.

Outcome 2

Demonstrate knowledge of the responsibilities and limitations of registered electricians.

Performance criteria

2.1 Supervision requirements for trainees and electrical workers not allowed to take responsibility are described in accordance with *Supervision Procedures for Trainees*.

2.2 Requirements necessary for a person to be registered, licensed, or authorised are explained in accordance with the current regulations and standards.

2.3 The limits and restrictions that the EWRB may impose upon registered persons are described in terms of the type of work that may be undertaken, and where and for whom the registered person may work.

2.4 Prescribed electrical work that electricians may do is defined in accordance with the current regulations.

- 2.5 The responsibilities of persons carrying out prescribed electrical work are stated in accordance with current regulations.
- Range responsibilities – compliance with the current regulations and standards as they apply to the work undertaken, high standard of workmanship, safe working practices, certification of prescribed electrical work.
- 2.6 Persons who may assist a registered electrician in carrying out prescribed electrical work are identified in accordance with current regulations and standards.
- 2.7 Requirement that prescribed electrical work is subject to audit by the EWRB is stated in accordance with current regulations and standards.
- 2.8 Electrical work requiring inspection, and persons qualified to inspect are identified in accordance with current regulations and standards.
- 2.9 Competency requirements and safety tuition for electricians are explained in accordance with the Electricity (Safety) Regulations.

Outcome 3

Demonstrate knowledge of the Electricity (Safety) Regulations.

Performance criteria

- 3.1 The structure of the Electricity (Safety) Regulations is described in terms of the relationship between it, the Act, other regulations, codes of practice, and standards.
- 3.2 Passages for given subjects are located in the Electricity (Safety) Regulations.
- Range location of five unrelated regulations.

Outcome 4

Demonstrate knowledge of AS/NZS 3000.

Performance criteria

- 4.1 The structure of AS/NZS 3000 is described in terms of clauses that are mandatory and those which are only a means of compliance.
- 4.2 The fundamental safety outcomes contained in AS/NZS 3000 are stated in terms of protection of people and property.
- 4.3 Testing and verification of electrical work is explained in terms of AS/NZS 3000.

4.4 Clauses for given subjects are located in AS/NZS 3000.

Range location of five unrelated subjects.

Replacement information	This unit standard replaced unit standard 1700 and unit standard 1701.
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Planned review date	31 December 2022
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Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	10 February 1999	31 December 2013
Revision	2	3 April 2001	31 December 2013
Review	3	26 May 2005	N/A
Rollover and Revision	4	20 September 2012	N/A
Revision	5	15 January 2014	N/A
Rollover and Revision	6	25 March 2021	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>.

Comments on this unit standard

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