

<b>Title</b>	<b>Recognise the requirements of routine maintenance of electrical equipment</b>		
<b>Level</b>	<b>2</b>	<b>Credits</b>	<b>2</b>

<b>Purpose</b>	People credited with this unit standard are able to: <ul style="list-style-type: none"> <li>– state and describe the requirements and importance of routine maintenance of electrical equipment;</li> <li>– demonstrate knowledge of routine maintenance procedures of electrical equipment; and</li> <li>– assist with routine maintenance of electrical equipment.</li> </ul>
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<b>Classification</b>	Electrical Engineering > Electrical Installation and Maintenance
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<b>Available grade</b>	Achieved
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### Guidance Information

- 1 This unit standard has been developed for learning and assessment on-job.
- 2 Range  
*Electrical equipment* may include but is not limited to – equipment, plant, or machinery powered by electricity, and which periodically requires attention in the form of inspection, adjustment, measurement, tuning, overhaul, component replacement, lubrication, or cleaning, so that it may continue to operate safely and efficiently, and in compliance with any legislative requirements.

### Outcomes and performance criteria

#### Outcome 1

State and describe the requirements and importance of routine maintenance of electrical equipment.

#### Performance criteria

- 1.1 Requirements for routine maintenance are stated.
- 1.2 The importance of routine maintenance is described.

#### Outcome 2

Demonstrate knowledge of routine maintenance procedures of electrical equipment.

**Performance criteria**

- 2.1 The criteria for determining installation layout are stated.
- Range maintenance and layout diagrams, location of equipment.
- 2.2 Location of details for in-house maintenance programmes is stated.
- 2.3 Procedures for carrying out routine maintenance are described.

**Outcome 3**

Assist with routine maintenance of electrical equipment.

**Performance criteria**

- 3.1 Equipment is located.
- 3.2 Manufacturer's manuals are identified.
- 3.3 Procedures for fault location are described.
- 3.4 Replacement parts are collected.
- 3.5 Materials are assembled.
- 3.6 Assistance is given while maintenance is carried out.

**This unit standard is expiring. Assessment against the standard must take place by the last date for assessment set out below.**

**Status information and last date for assessment for superseded versions**

Process	Version	Date	Last Date for Assessment
Registration	1	23 April 1996	31 December 2013
Revision	2	16 June 1999	31 December 2013
Revision	3	3 April 2001	31 December 2013
Review	4	26 May 2005	31 December 2027
Rollover and Revision	5	15 March 2012	31 December 2027
Revision	6	15 January 2014	31 December 2027
Rollover and Revision	7	28 January 2021	31 December 2027
Review	8	25 May 2023	31 December 2027

**Consent and Moderation Requirements (CMR) reference**

0003

This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.