

Title	Perform basic residential electrical maintenance under supervision		
Level	2	Credits	5

Purpose	<p>People credited with this unit standard are able to:</p> <ul style="list-style-type: none"> – prepare to perform basic electrical maintenance in a residential dwelling under supervision; – perform basic tasks associated with residential electrical items; and – complete work operations under supervision.
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Classification	Construction Trades > Basic Residential Property Maintenance
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Available grade	Achieved
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Guidance Information

1 Definitions

Health and safety requirements refer to the documented safety plan for the workshop or site which is required to ensure compliance with the requirements of the Health and Safety in Employment Act 1992, and the Health and Safety in Employment Regulations 1995.

Specifications refer to documented instructions (oral, written, graphic) and may include the following: specifications from a supervisor or project specific drawings or requirements.

Workplace practice refers to the documented procedures specific to a work site which set out the standard and required practices of that workplace. For this unit standard, *workplace* includes residential dwellings.

2 Evidence for credit for this unit standard must be gathered under full supervision by a supervisor of electrical work, and requires full compliance with the Electricity Act 1992 and the Electricity Regulations 1997. The supervisor must be fully conversant with the requirements of the Act, the Regulations and the Electrical Workers Registration Board.

3 Evidence for achieving credit in this unit standard can be presented in conjunction with meeting the outcomes of other unit standards in the *Basic Residential Property Maintenance* domain or related domains at Level 2.

4 Legislation relevant to this unit standard includes:
 Health and Safety in Employment Act 1992;
 Health and Safety in Employment Regulations 1995.

Outcomes and performance criteria

Outcome 1

Prepare to perform basic electrical maintenance in a residential dwelling under supervision.

Performance criteria

- 1.1 Safe practices when working with electricity are described in accordance with electricity regulations and guidelines.
- 1.2 Standard electrical components of electrical fittings and fixtures are described in terms of their function.
- Range electrical meter, fuse, fuse wire, circuit, circuit breaker, circuit breaker box, main power board, hot water cylinder, cylinder temperature thermostat, light bulb, stove door seal, stove fuse, stove plug-in element, plug, power point, light switch.
- 1.3 The location of the work to be performed is identified from job specifications.
- 1.4 The work to be performed is described in terms of process and techniques to be used.
- 1.5 Tools, equipment, and personal protective equipment (PPE) are identified and selected to match the job requirements.

Outcome 2

Perform basic tasks associated with residential electrical items under supervision.

Range read an electrical meter; check a hot water cylinder water temperature thermostat; replace a light bulb and light shade; replace a stove door, stove door seal, stove fuse, stove plug-in element.

Performance criteria

- 2.1 Electrical item is switched off prior to task commencing in accordance with electricity regulations and guidelines.
- 2.2 The specified task is carried out and finished in accordance with job specifications.
- 2.3 Tools, equipment and PPE are used in accordance with health and safety requirements and workplace practice.

Outcome 3

Complete work operations under supervision.

Performance criteria

- 3.1 Tools, equipment and PPE are maintained and securely stored to prevent tampering and theft in accordance with health and safety requirements and workplace practice.
- 3.2 Site is cleared of all surplus components, equipment, tools and debris in accordance with health and safety requirements and workplace practice.

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	18 July 2008	31 December 2024
Review	2	30 June 2022	31 December 2024

Consent and Moderation Requirements (CMR) reference	0048
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This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.