

Title	Demonstrate knowledge of the requirements for permits for work near power lines or underground power cables		
Level	3	Credits	4

Purpose	People credited with this unit standard are able to: describe the requirements to hold and request a permit for work; describe the confirmation responsibilities of returning permits for work; and demonstrate procedures for accepting and returning a permit issued for work, near power lines or underground power cables.
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Classification	Electricity Supply > Electricity Supply - Core Skills
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Available grade	Achieved
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Guidance Information

- 1 Evidence presented for assessment against this unit standard must be consistent with safe working practices and be in accordance with applicable legislative and industry requirements.
- 2 Legislation, regulations and/or industry standards relevant to this unit standard include but are not limited to the current version of the Health and Safety at Work Act 2015; Electricity Act 1992; Electricity (Safety) Regulations 2010; and any subsequent amendments and replacements; Electricity supply industry codes of practice and documented enterprise procedures, including *Safety Manual – Electricity Industry* (SM-EI) (2015) Wellington: Electricity Engineers' Association www.eea.co.nz; *Approved Code of Practice: Arboriculture, Approved Code of Practice: Maintenance of Trees Around Power Lines, Working Near Overhead Electric Power Lines, Best Practice Guidelines: Mobile Elevating Work Platforms*, and *Guide for Safety with Underground Services*, available at <https://worksafe.govt.nz>; BS 3998:2010 *Tree work: Recommendations* available from <http://www.standards.co.nz>; ANSI Z133.1-2006 *Safety Requirements*, available from <https://webstore.ansi.org>; and *Code of Practice for Temporary Traffic Management*, 2012 available from <http://www.nzta.govt.nz>.
- 3 Definitions
Asset owner refers to a participant who owns or operates assets used for generating or conveying electricity.
Industry requirements include all asset owner requirements; manufacturers' specifications; and enterprise requirements which may include the documented workplace policies, procedures, specifications, business, and quality management requirements relevant to the workplace in which assessment is carried out.

- 4 It is recommended people achieve Unit 17026, *Demonstrate knowledge of safe entry into restricted areas on an electricity supply site*; or demonstrate equivalent knowledge and skills, before being assessed against this unit standard.

Outcomes and performance criteria

Outcome 1

Describe the requirements to hold a permit for work near power lines or underground power cables.

Performance criteria

- 1.1 Industry-wide work permit types for vegetation control for work near power lines or underground power cables are described.
- 1.2 The permit recipient's responsibilities are described in terms of personnel safety for working near power lines or underground power cables.
- Range responsibilities include – safe work practices of employees, other workers, visitors and the public; supervisor responsibilities; attending job location; required action if absent from job location; personal protective equipment; permit modifications.
- 1.3 The permit recipient's responsibilities are described in relation to work party membership.
- Range membership – competent or under supervision, fit state for work.
- 1.4 The permit recipient's responsibilities are described in terms of the work party member's compliance with permits.
- Range includes but is not limited to – information on permits, work party member's signatures, and work party members leaving and returning to job.
- 1.5 Basic permit requirements are described in terms of issuer applied safety measures and recipient applied safety measures.
- 1.6 Permits recipient's job management responsibilities are described.
- Range before starting work, during work, on completion of work.
- 1.7 Permits issuer's job management responsibilities are described in terms of the Safety Manual-Electricity Industry (SM-EI).

Outcome 2

Describe the requirements to request a permit for work near power lines or underground power cables.

Performance criteria

2.1 The requirements for a permit are described in terms of what is necessary before work can commence.

Range may include but is not limited to – equipment removed from service, equipment being erected, and equipment being dismantled, storm damage; evidence of two is required.

2.2 Consultation requirements are described in terms of reasonable notice, work description, and identification of safety measures.

2.3 The requirements for boundary marking and notices are described.

Outcome 3

Describe the confirmation responsibilities of returning permits for work near power lines or underground power cables.

Performance criteria

3.1 The recipient's confirmation responsibilities are described in accordance with the SM-EI.

Range work complete; work incomplete; recipient unable to personally return the permit.

Outcome 4

Demonstrate procedures for accepting and returning a permit issued for work near power lines or underground power cables.

Performance criteria

4.1 Procedures for accepting a permit are demonstrated.

Range acceptance includes – by hand, by telephone, by radio; relaying by telephone and radio; transferring a permit; modifying a permit; evidence of three methods is required.

4.2 Procedures for returning a permit are demonstrated.

Range procedures under normal circumstances, procedure when the recipient is not able to personally return the permit.

4.3 Information is recorded in the required format and filed in accordance with company or asset owner's standards.

Planned review date	31 December 2025
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Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	20 November 2014	31 December 2022
Review	2	27 February 2020	31 December 2022
Review	3	30 June 2022	N/A

Consent and Moderation Requirements (CMR) reference	0120
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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 Waihanga Ara Rau Construction and Infrastructure Workforce Development Council qualifications@waihanga.nz if you wish to suggest changes to the content of this unit standard.