

Title	Install electrical lines and cables in an electricity supply environment		
Level	4	Credits	6

Purpose	People credited with this unit standard are able to install electrical lines and cables in an electricity supply environment.
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Classification	Electricity Supply > Electricity Supply - Distribution Networks
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Available grade	Achieved
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Guidance Information

- Evidence presented for assessment against this unit standard must be consistent with safe working practices and be in accordance with applicable industry and legislative requirements.
- 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 available from www.eea.co.nz.
- 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 cover the documented workplace policies, procedures, specifications, business, and quality management requirements relevant to the workplace in which assessment is carried out.
- Recommended skills and knowledge:
Unit 10507, *Use personal protective equipment in an electricity supply environment*;
Unit 10508, *Identify electricity systems used in the electricity supply industry*;
Unit 12300, *Demonstrate knowledge of safety statutes and codes used in the electricity supply industry*; and
Unit 18038, *Describe health and safety duties on electricity supply sites or demonstrate equivalent knowledge and skills*.

Outcomes and performance criteria

Outcome 1

Install electrical lines and cables in an electricity supply environment.

Range evidence is required for three different installations.

Performance criteria

- 1.1 Installation method is selected, and a safe working zone is established around the worksite.
- 1.2 Electrical lines and cables are installed in accordance with industry requirements and protected against mechanical damage.
- 1.3 Completed work is reported concisely, in the required format, and within the scheduled time-frame.

Planned review date	31 December 2024
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Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	19 August 1997	31 December 2016
Review	2	27 April 2001	31 December 2016
Revision	3	10 September 2004	31 December 2016
Review	4	20 November 2009	31 December 2016
Review	5	20 March 2014	31 December 2021
Review	6	28 November 2019	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 Connexis - Infrastructure Industry Training Organisation at qualifications@connexis.org.nz if you wish to suggest changes to the content of this unit standard.