

Title	Install and replace electricity network pole structures		
Level	4	Credits	10

Purpose	People credited with this unit standard are able to install and replace electricity network pole structures.
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Classification	Electricity Supply > Electricity Supply - Distribution Networks
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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 industry and legislative 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 available from www.eea.co.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 cover the documented workplace policies, procedures, specifications, business, and quality management requirements relevant to the workplace in which assessment is carried out.
- 4 Recommended skills and knowledge:
Unit 10508, *Identify electricity systems used in the electricity supply industry*;
Unit 10509, *Climb and work on electricity network structures*; and
Unit 28112, *Operate and store machinery, plant, and equipment in an electricity network environment* or demonstrate equivalent knowledge and skills.

Outcomes and performance criteria

Outcome 1

Install and replace electricity network pole structures.

Range evidence for installation of two different pole types and sizes is required.

Performance criteria

- 1.1 Pole type and size, structure arrangement and installation method are established.
- Range structure arrangement includes angle, equipment support, intermediate, termination.
- 1.2 Pole setting arrangements are established.
- Range anchoring, blocking, compaction, depth, guying.
- 1.3 Underground services are located.
- 1.4 Hardware is selected to match scope of work and attached to pole.
- Range includes but is not limited to – braces, conductor attachments, insulators, signs;
any two of the following – cross arms, step bolts, cam levers, head spans.
- 1.5 Pole hole is excavated.
- 1.6 Pole is erected and set to match design.
- 1.7 Site is reinstated.
- 1.8 Completed work is reported concisely in the correct format and filed 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 June 1997	31 December 2016
Review	2	27 April 2001	31 December 2016
Review	3	22 October 2003	31 December 2016
Rollover and Revision	4	20 June 2008	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.