

Title	Terminate copper pilot power cables		
Level	4	Credits	4

Purpose	People credited with this unit standard are able to terminate copper pilot power cables.
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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 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) 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.

Outcome and performance criteria

Terminate copper pilot power cables.

Range terminations at – cabinets, terminal boxes, kiosks, or substations; plastic sheathed cables with plastic insulation (minimum of seven pair) and lead sheathed cables with paper insulation; evidence of three terminations is required.

Performance criteria

- 1.1 Asset owner's cable plans, drawings and schematics are interpreted, and cables to be worked on are identified.

- 1.2 Terminating materials and tools are drawn from stock or purchased in accordance with job specifications and instructions.
- 1.3 Cables, tools and equipment are checked in preparation for termination.
Range scope of work, safe working zone, preparation of termination.
- 1.4 Conductors are terminated and re-insulated.
- 1.5 Earth continuity and mechanical integrity is re-established.
- 1.6 Termination is enclosed, and its cabinet is securely closed.
- 1.7 Work is completed to asset owner's standards, and all documentation is submitted in the required format.
- 1.8 Site is reinstated to asset owner's expectations.

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	27 August 2020	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.