

<b>Title</b>	<b>Joint copper pilot power cables</b>		
<b>Level</b>	<b>4</b>	<b>Credits</b>	<b>4</b>

<b>Purpose</b>	People credited with this unit standard are able to joint copper pilot power cables.
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<b>Classification</b>	Electricity Supply > Electricity Supply - Distribution Networks
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<b>Available grade</b>	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 legislative and industry 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) available from [www.eea.co.nz](http://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.

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### Outcome and performance criteria

Joint copper pilot power cables.

Range plastic sheathed cables with plastic insulation (minimum of seven pair) and lead sheathed cables with paper insulation;  
evidence of three joints 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 Jointing materials and tools are drawn from stock or purchased in accordance with job specifications and instructions and assembled on site.
- 1.3 Site is prepared for jointing.
- 1.4 Cables are stripped and prepared for jointing.
- 1.5 Conductors are identified and jointed.  
Range manual jointing with appropriate jointing tool or soldering.
- 1.6 Screen continuity is established.
- 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 customer's or asset owner's expectations.

<b>Planned review date</b>	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

<b>Consent and Moderation Requirements (CMR) reference</b>	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](mailto:qualifications@connexis.org.nz) if you wish to suggest changes to the content of this unit standard.