

<b>Title</b>	<b>Joint high voltage paper insulated power cables up to and including 11kV in the electricity supply industry</b>		
<b>Level</b>	<b>4</b>	<b>Credits</b>	<b>6</b>

<b>Purpose</b>	People credited with this unit standard are able to joint high voltage paper insulated power cables up to and including 11kV in the electricity supply industry.
----------------	--

<b>Classification</b>	Electricity Supply > Electricity Supply - Distribution Networks
-----------------------	---

<b>Available grade</b>	Achieved
------------------------	----------

### 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 available at [www.eea.co.nz](http://www.eea.co.nz).
- 3 Definitions  
*Asset owner* refers to a participant who owns or operates assets used for generating or conveying electricity.  
*HV* is defined as 'high voltage' and includes voltages exceeding 1000V AC up to and including 11kV AC.  
*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 20069, *Joint live LV paper insulated power cables in the electricity supply industry*; or demonstrate equivalent knowledge and skills, before being assessed against this unit standard.

## Outcomes and performance criteria

### Outcome 1

Joint high voltage paper insulated power cables up to and including 11kV in the electricity supply industry.

Range evidence of three joints is required.

### Performance criteria

1.1 Work site is prepared, and a safe working zone is established.

Range includes – scope of work, cable identification, cable testing.

1.2 Joints are prepared.

Range cleaning, glanding, stripping.

1.3 Conductors are jointed and re-insulated.

Range compression, mechanical, sweat, weld.

1.4 Earth continuity, and mechanical and environmental integrity are re-established.

1.5 Cables are tested.

Range HV pressure testing, insulation, phase testing to manufacturers' specifications.

1.6 Joint locations are reported.

<b>Planned review date</b>	31 December 2025
----------------------------	------------------

### Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	19 August 1997	31 December 2022
Revision	2	16 February 1999	31 December 2022
Review	3	27 April 2001	31 December 2022
Review	4	22 October 2003	31 December 2022
Rollover and Revision	5	25 October 2007	31 December 2022
Review	6	27 February 2020	N/A

<b>Consent and Moderation Requirements (CMR) reference</b>	0120
--	------

This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

---

**Comments on this unit standard**

Please contact the Connexis – Infrastructure Industry Training Organisation [qualifications@connexis.org.nz](mailto:qualifications@connexis.org.nz) if you wish to suggest changes to the content of this unit standard.