

Title	Terminate high voltage paper insulated power cables up to and including 11kV in the electricity supply industry		
Level	4	Credits	6

Purpose	People credited with this unit standard are able to terminate high voltage paper insulated power cables up to and including 11kV in the electricity supply industry.
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Classification	Electricity Supply > Electricity Supply - Distribution Networks
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Available grade	Achieved
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Prerequisites	Unit 20060, <i>Terminate LV paper insulated power cables in the electricity supply industry</i> ; or demonstrate equivalent knowledge and skills.
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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 industry and 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.
- 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 above 1000V AC up to and including 11kV.
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.

Outcomes and performance criteria

Outcome 1

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

Performance criteria

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

Range scope of work, permit requirements, identification and testing of cables.

1.2 Terminations are prepared.

1.3 Conductors are terminated and re-insulated.

Range lug installation.

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

1.5 Cables are tested.

Range HV pressure testing, insulation resistance, phasing, testing.

1.6 Termination locations are reported.

Range location, phasing (core to terminal detail), insulation resistance.

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	22 October 2003	31 December 2022
Rollover and Revision	2	25 October 2007	31 December 2022
Review	3	27 February 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 qualifications@connexis.org.nz if you wish to suggest changes to the content of this unit standard.