

Title	Remove and install pole structures using live line glove and barrier procedures up to 33kV		
Level	5	Credits	20

Purpose	People credited with this unit standard are able to remove and install pole structures using live line glove and barrier procedures up to 33kV.
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Classification	Electricity Supply > Electricity Supply - Live Work
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Available grade	Achieved
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Prerequisites	Unit 10538, <i>Inspect, test, and clean live line tools and equipment</i> ; Unit 10542, <i>Demonstrate knowledge of live line theory and procedures</i> ; or demonstrate equivalent knowledge and skills.
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Guidance Information

- Entry into live work is conditional on the trainee meeting the minimum requirements of NZECP 46:2003: *New Zealand Electrical Code of Practice for High Voltage Live Line Work* available at <https://worksafe.govt.nz/laws-and-regulations/standards/electricity-standards-and-codes-of-practice/>.
- 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) Wellington: Electricity Engineers' Association available at 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 may include the documented workplace policies, procedures, specifications, business, and quality management requirements relevant to the workplace in which assessment is carried out.

- 5 Pole types, structures and configurations may include but are not limited to:
 types – concrete, wood, steel;
 structures – single, double;
 configurations – angle, intermediate, termination.

Outcomes and performance criteria

Outcome 1

Remove and install pole structures using live line glove and barrier procedures up to 33kV.

Performance criteria

- 1.1 Worksite is prepared, and a safe working zone is established.
- Range includes – site information, plans, procedures, approvals, tools, equipment, working platforms.
- 1.2 Conductors are displaced and reinstated on pole structures using mechanical support glove and barrier procedures.
- Range include but are not limited to – cranes, mobile elevating work platforms (MEWPs), auxiliary arms.
- 1.3 Poles are removed and erected, and worksite is reinstated.
- Range mechanical and manual excavation of pole holes; concrete, breast and toe blocks, direct back fill, imported back fill, soil strengthened.
- 1.4 Completed work is reported concisely, in the required format and within the scheduled time frame.

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	19 June 1997	31 December 2022
Review	2	27 April 2001	31 December 2022
Review	3	22 October 2003	31 December 2022
Review	4	18 September 2009	31 December 2022
Revision	5	21 May 2010	31 December 2022
Review	6	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.