

Title	Describe and carry out phasing tests on high voltage electricity networks		
Level	3	Credits	2

Purpose	People credited with this unit standard are able to describe and carry out phasing tests on high voltage electricity networks.
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Classification	Electricity Supply > Electricity Supply - Core Skills
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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 at 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 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

Describe and carry out phasing tests on high voltage electricity networks.

Performance criteria

- 1.1 Phasing terms are described.

Range includes but is not limited to – vector grouping of transformers, phase marking and identification of conductors (R, W, B, A, B, C).

1.2 Purpose of phasing checks is described.

1.3 Methods for testing of phasing in HV systems are demonstrated.

Range use of high voltage phasing and voltage detection equipment.

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Status information and last date for assessment for superseded versions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	25 October 2007	31 December 2020
Review	2	20 March 2009	31 December 2022
Review	3	27 February 2020	N/A
Revision	4	28 January 2021	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.