

Title	Demonstrate knowledge of the installation, tensioning and terminating of traction wires		
Level	4	Credits	5

Purpose	People credited with this unit standard are able to demonstrate knowledge of the installation, tensioning and terminating of traction wires.
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Classification	Electricity Supply > Electricity Supply - Distribution Networks
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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 asset owner, company, and legislative requirements.
- 2 Legislation, regulations and/or industry standards relevant to this unit standard include but are not limited to 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 from www.eea.co.nz.
- 3 Definition
Asset Owner or Company requirements refer to instructions to staff on policy and procedures that are available in the workplace. These requirements may include – asset owner policies and procedures, company policies and procedures, work instructions, product quality specifications and legislative requirements.

Outcomes and performance criteria

Outcome 1

Demonstrate knowledge of the installation, tensioning and terminating of traction wires.

Performance criteria

- 1.1 The purpose of installing, tensioning and terminating traction wires is described.
- 1.2 The methods of installing, tensioning and terminating traction wires are explained.

1.3 Equipment used to apply sag tension to traction wires is described.

Range calculation, sag chart, dynameters, balanced weights.

1.4 Measurement of sag tension of traction wires is described.

Planned review date	31 December 2024
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Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	28 November 2019	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.