

Title	Demonstrate knowledge of light lifting and rigging equipment in the electricity supply environment		
Level	3	Credits	2

Purpose	People credited with this unit standard are able to: describe ropes, slings, and knots used in the electricity supply environment; describe the use of light lifting and rigging equipment in the electricity supply environment; and demonstrate knowledge of documentation and standards for light lifting and rigging equipment.
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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 industry and legislative 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 from www.eea.co.nz, and the *Approved Code of Practice for Rigging and Lifting* available at <https://worksafe.govt.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 cover the documented workplace policies, procedures, specifications, business, and quality management requirements relevant to the workplace in which assessment is carried out.
Light lifting and rigging equipment is equipment that can be lifted manually by one or two persons.

Outcomes and performance criteria

Outcome 1

Describe ropes, slings, and knots used in the electricity supply environment.

Performance criteria

- 1.1 Ropes are described in terms of types, properties, use, care, and limitations.
- 1.2 Slings are described in terms of types, properties, use, care, and limitations.
- 1.3 Uses of knots are described.
Range evidence of five knots and their uses is required.

Outcome 2

Describe the use of light lifting and rigging equipment in the electricity supply environment.

Range may include but is not limited to – chain blocks, chain hoists, slings, tirlor, strops, gantries, jacks; evidence of two is required.

Performance criteria

- 2.1 Light lifting and rigging equipment is described.
- 2.2 The operational use of light lifting and rigging equipment is described.
- 2.3 Conditions in which light lifting and rigging equipment would be used are described.
- 2.4 Potential hazards of incorrect application and operation are described.

Outcome 3

Demonstrate knowledge of documentation and standards for light lifting and rigging equipment.

Performance criteria

- 3.1 Documentation and standards associated with light lifting and rigging equipment are identified and explained.
Range evidence of three documents and standards is required.

Replacement information	This unit standard and unit standard 31953 replaced unit standard 18276.
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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

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.