

Title	Prepare a plan of work and produce freehand sketches for electricity installations		
Level	4	Credits	3

Purpose	People credited with this unit standard are able to: prepare a plan of work for electricity installations using drawings, diagrams, schedules or manuals; and produce freehand sketches for electricity installations.
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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 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; and any subsequent amendments and replacements; Electricity Act 1992; Electricity (Safety) Regulations 2010; 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 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.

Outcomes and performance criteria

Outcome 1

Prepare a plan of work for electricity installations using drawings, diagrams, schedules or manuals.

Range evidence of three plans is required.

Performance criteria

- 1.1 Risk control measures and procedures are established.
- 1.2 Technical information is extracted from drawings, diagrams, schedules or manuals relevant to the nature of work to be undertaken.
- 1.3 Guidelines and procedures for the work are established from drawings, diagrams, schedules or manuals.
- 1.4 Resources required to implement the plan are identified and forwarded to appropriate person(s) in accordance with established procedures.

Outcome 2

Produce freehand sketches for electricity installations.

Range evidence of sketches for three locations is required.

Performance criteria

- 2.1 Site to be sketched is identified and measured.
- 2.2 Freehand sketches are produced for electricity installations using the conventions and symbols for electrical drawings.
- 2.3 Site dimensions and related notes are recorded.

Replacement information	This unit standard replaced unit standard 28193.
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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
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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.