

Title	Select and install an electric switchboard in the electricity supply industry		
Level	4	Credits	3

Purpose	People credited with this unit standard are able to select and install an electric switchboard in the electricity supply industry.
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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) Wellington: Electricity Engineers' Association, 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

Select and install an electric switchboard in the electricity supply industry.

Range evidence of three switchboards is required.

Performance criteria

- 1.1 Switchboard is selected which meets electrical, switchgear, and environmental requirements identified with drawings and client consultation.

1.2 Switchboard is installed in accordance with client requirements.

Range includes but is not limited to – height above ground, distance from floor to main switch, window height for meter board, square, plumb, securely attached in permitted locations only.

1.3 Components are installed in accordance with drawings and/or manufacturers' instructions.

Range components include but are not limited to – switchboard tray, gear plate, cable supports, switch gear, control gear, metering equipment.

1.4 Cable looms are terminated, cover plates are fitted, and switchboards are labelled.

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	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.