

Title	Establish new worksites and interpret plans		
Level	4	Credits	4

Purpose	People credited with this unit standard are able to: <ul style="list-style-type: none"> – establish new worksites ready for safe and efficient work; – create plans for electrical work; and – interpret plans to carry out electrical tasks.
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Classification	Electrical Engineering > Electrical Installation and Maintenance
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Available grade	Achieved
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Guidance Information

- 1 This unit standard has been developed for learning and assessment on-job.
- 2 Unit standard or equivalent prior knowledge and skills recommended:
Unit 32605, *Demonstrate knowledge for working safely in the electrical industry*;
Unit 32620, *Demonstrate knowledge of electrical plans, switching circuits, and lighting systems*.
- 3 This unit standard can be used together with other relevant unit standards, additional learning and workplace training to meet the requirements of the Electrical Workers Registration Board (EWRB) core competencies, available at <https://www.ewrb.govt.nz>.
- 4 Definitions
Plans may include but are not limited to – schematic diagrams, block diagrams, location diagrams, single line diagrams, floor plans, elevations, site plans. Plans may be drawn by hand or computer, as long as they are produced to a high standard and are of a quality suitable for use with customers in industry.
PPE – personal protective equipment.
Preparing for a worksite may include but is not limited to – PPE and other equipment required for the work tasks, obtaining required site-specific permissions, completing site-specific paperwork, submitting permit applications where needed, planning and preparation of staff, vehicles, tools, equipment, any required products and moving onto the worksite ready to start work.
Safe and sound practice – as it relates to the installation of electrical equipment is defined in AS/NZS 3000.
Stakeholders – refers to clients, installation owners, management, public, other trades people on site, candidate's work team, and any other people affected by work on site and/or the outcome of that work.

- 5 References
AS/NZS 3000 (version as cited in the Electricity (Safety) Regulations), *Electrical Installations (known as the Australian/New Zealand Wiring Rules)*;
AS/NZS 4836:2011, *Safe working on or near low-voltage electrical installations and equipment*;
Electricity (Safety) Regulations 2010;
Health and Safety at Work Act 2015;
or any current subsequent amended or replacement versions.
- 6 Range
- a Candidates may refer to current legislation and Standards during assessment.
 - b Demonstration of safe working practices and installation in accordance with *safe and sound practice* are essential components of assessment of this unit standard.
 - c All activities and evidence presented for all outcomes and performance criteria in this unit standard must be in accordance with:
 - i legislation;
 - ii policies and procedures;
 - iii ethical codes;
 - iv Standards – may include but are not limited to those listed in Schedule 2 of the Electricity (Safety) Regulations 2010;
 - v applicable site, enterprise, and industry practice; and,
 - vi where appropriate, manufacturers' instructions, specifications, and data sheets.

Outcomes and performance criteria

Outcome 1

Establish new worksites ready for safe and efficient work.

Range three different worksites.

Performance criteria

- 1.1 Scope worksites and create and use safe work method statements (SWMS), Job safety analysis (JSA) or similar for work tasks.
- 1.2 Prepare worksites ready for safe and efficient work.
- 1.3 Communicate with stakeholders to ensure the worksite is ready for work.

Range two stakeholders at each worksite

Outcome 2

Create plans for electrical work.

Range two plans.

Performance criteria

- 2.1 Create electrical plans to industry standards from given schedules and/or customer specifications.

Outcome 3

Interpret plans to carry out electrical tasks.

Performance criteria

- 3.1 Interpret a plan to create a job inventory list of electrical gear for a job.

- 3.2 Carry out electrical tasks according to a plan.

Range two plans.

Planned review date	31 December 2026
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Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	24 March 2022	N/A

Consent and Moderation Requirements (CMR) reference	0003
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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 Waihangā Ara Rau Construction and Infrastructure Workforce Development Council at qualifications@waihanga.nz if you wish to suggest changes to the content of this unit standard.