

Title	Measure trees and lines for vegetation control around power lines		
Level	3	Credits	4

Purpose	People credited with this unit standard are able to measure trees and lines for vegetation control around power lines.
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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 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
 - 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)* available at www.eea.co.nz;
 - *Approved Code of Practice: Arboriculture*;
 - *Approved Code of Practice: Maintenance of Trees Around Power Lines*;
 - *Working Near Overhead Electric Power Lines*;
 - *Best Practice Guidelines: Mobile Elevating Work Platforms*;
 - *Guide for Safety with Underground Services*, available at <https://worksafe.govt.nz>;
 - BS 3998:2010 *Tree work: Recommendations* available from <http://www.standards.co.nz/>;
 - ANSI Z133.1-2006 *Safety Requirements*, available from <https://webstore.ansi.org>.
- 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

Measure trees and lines for vegetation control around power lines.

Performance criteria

- 1.1 Method of measuring tree and power lines is determined, and equipment is selected.
- Range includes but is not limited to – accessibility, topography, tree height, power line height.
- 1.2 Measurement of trees and power lines is completed using height measuring equipment.
- Range may include but is not limited to – telepole, clinometer; evidence of two methods is required.
- 1.3 Measurements are reported in accordance with asset owner's requirements.
- Range includes but is not limited to – tree height, conductor height, horizontal distance to line from tree to line, slope angle, tree approach distance.

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 April 2001	31 December 2019
Review	2	22 October 2003	31 December 2019
Review	3	20 November 2009	31 December 2019
Review	4	20 November 2014	31 December 2022
Review	5	27 August 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 at qualifications@connexis.org.nz if you wish to suggest changes to the content of this unit standard.