

Title	Identify and explain the purpose and application of surveying		
Level	4	Credits	3

Purpose	People credited with this unit standard are able to identify and explain: the purpose and application of surveying disciplines; sources of data and regulations for surveying; and surveying outputs.
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Classification	Surveying > Survey Practice
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Available grade	Achieved
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Guidance Information

- Evidence presented for assessment against this unit standard must be consistent with safe working practices and be in accordance with relevant legislative and industry requirements.
- Legislation and references relevant to this unit standard include:
Health and Safety at Work Act 2015; and any subsequent amendments.
Cadastral Survey Act 2002;
Health and Safety at Work Act 2015;
Surveyor-General's Rules published by Land Information New Zealand at <http://www.linz.govt.nz>;
Price, WF, and Uren, J, *Surveying for Engineers* 5th ed. (UK: Red Globe Press, 2010), available at <http://www.fishpond.co.nz>.
- Definitions
Industry requirements may refer to but are not limited to – relevant company policies, processes, methodologies, industry codes of practice, standard operating procedures, site safety plans, quality plans, work plans, job instructions, and manufacturer's requirements.
LINZ refers to Land Information New Zealand.
NGO refers to Non-governmental organisation.

Outcomes and performance criteria

Outcome 1

Identify and explain the purpose and application of surveying disciplines.

Performance criteria

1.1 The disciplines of surveying are identified and explained in terms of their purpose and application.

Range cadastral, hydrographic, mine, construction.

Outcome 2

Identify and explain sources of data and regulations for surveying.

Performance criteria

2.1 Sources of data and regulations are identified and explained.

Range sources include – LINZ, local authorities, government departments, NGOs, client specifications.

Outcome 3

Identify and explain surveying outputs.

Performance criteria

3.1 Types of monumentation are identified and explained.

Range three types of control marks; three types of set-out.

3.2 Types of maps and plans are identified and explained.

Range three types of maps and plans.

3.3 Types of digital data outputs are identified and explained.

Range three types of digital data outputs.

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	21 April 2016	31 December 2022
Review	2	25 February 2021	N/A

Consent and Moderation Requirements (CMR) reference	0101
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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@infrastructureito.org.nz if you wish to suggest changes to the content of this unit standard.