

Field: Engineering and Technology

Change report for the review of Surveying New Zealand Qualification

Reviewed qualifications

[Ref]	Version	Qualification title	Level	Credits
2957	1	New Zealand Certificate in Surveying	4	75
2958	1	New Zealand Certificate in Hydrographic Surveying	4	65
2959	1	New Zealand Diploma in Surveying (Level 6)	6	240

Review information

Qualification Developer	Connexis Infrastructure ITO
Reason for the review	Scheduled 5-year review
Review date	December 2020
Outcome date	February 2021
Next review date	February 2026

Summary of review and consultation process

New Zealand Certificate in Surveying (Level 4) [Ref: 2957] and New Zealand Diploma in Surveying (Level 6) [Ref: 2959]

Graduates, current learners and employers were surveyed in 2020. Feedback, graduate numbers and enrolment data were discussed at the Surveying Reference Group meeting held in September 2020. Refer to Surveying Review Summary and Surveying RG Meeting notes in supporting documents. This information was used to inform proposed amendments to the qualification. The Surveying Reference Group included representatives of the professional bodies Survey and Spatial NZ and Consulting Surveyors of New Zealand.

The reviewed qualifications were published on Connexis' website and the wider group of stakeholders informed by email. An amendment to the diploma's employment pathway was discussed by email and the final qualifications were endorsed by Reference Group members.

New Zealand Certificate in Hydrographic Surveying (Level 4) [Ref: 2958]

The Qualification Developer and representatives from the Hydrographic Surveying industry and the Royal New Zealand Navy met in June 2020 to confirm the Review Plan. Connexis then conducted a survey of stakeholders on the website and communicated with stakeholders via the Infrastructure E-News and the Assessor Newsletter with the link to the survey and consultation documents.

The Hydrographic Surveying Reference Group considered the stakeholder feedback. The feedback and responses were recorded and published on the Connexis' website. The final draft of the reviewed qualification was approved by the Reference Group in November 2020.

Main changes resulting from the review

New Zealand Certificate in Surveying (Level 4) [Ref: 2957]

The strategic purpose statement, graduate profile outcomes, evidence for assuring consistency, and general conditions for the programme were revised and updated using the current template.

The following changes were made:

- Graduate profile outcome two and the employment pathway were revised and reworded for clarity.
- The specifications for qualification award, evidence requirements for assuring consistency, and general conditions for the programme were updated.
- Credit values were rounded to 10 for outcomes two and three.

New Zealand Certificate in Hydrographic Surveying (Level 4) [Ref: 2958]

The strategic purpose statement, graduate profile outcomes, evidence for assuring consistency, and general conditions for the programme were revised and updated for currency.

The following changes were made:

- The graduate profile outcomes were reduced from four to two
- The Maritime New Zealand licence was removed from the education pathway
- Other requirements for the qualification were revised to a minimum level of NCEA Level 3 Mathematics and English
- The HYSPEC Contract Specifications for Hydrographic Surveys Version 2.0, Land Information New Zealand (LINZ) were added to the general conditions for the programme and the Maritime New Zealand standards when working on vessels were removed.

New Zealand Diploma in Surveying (Level 6) [Ref: 2959]

The strategic purpose statement, graduate profile outcomes, evidence for assuring consistency, and general conditions for the programme were revised and updated using the current template.

The following changes were made:

- Graduate profile outcome six was revised to describe the tasks more accurately.
- A second job role was added to the strategic purpose statement and employment pathway.
- The specifications for qualification award, evidence requirements for assuring consistency, and general conditions for the programme were updated.
- The credit value of outcome five was increased from 15 to 25 to acknowledge the growing importance of spatial data in surveying. The credit values of outcomes one and four were reduced by 5 credits each. No overall change to qualification credits.

Review outcome

Reference	Version	Reviewed qualification	Outcome category	New qualification details/version (if applicable)
2957	1	New Zealand Certificate in Surveying (Level 4)	<i>B-New version of qualification</i>	2957 - 2
2958	1	New Zealand Certificate in Hydrographic Surveying (Level 4)	<i>B-New version of qualification</i>	2958 - 2
2959	1	New Zealand Diploma in Surveying (Level 6)	<i>B-New version of</i>	2959 - 2

			<i>qualification</i>	
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Qualification review outcome categories

Outcome	Result	Category
No changes are identified to the qualification	Qualification version number and NZQF ID remain the same. New review date is required.	A
Minor changes are identified to the qualification	New version of qualification is required (NZQF ID remains the same). New review date is required.	B
Significant changes are required to the qualification	New replacement qualification is required with a new NZQF ID. The existing qualification will expire.	C
The qualification is no longer required by industry	The qualification will expire with no replacement.	D

Transition information

Reference	Version	Qualification title	Last date of assessment
2957	1	New Zealand Certificate in Surveying (Level 4)	31/12/2022
2958	1	New Zealand Certificate in Hydrographic Surveying (Level 4)	31/12/2022
2959	1	New Zealand Diploma in Surveying (Level 6)	31/12/2024

**LDE only required for outcome category C or D*

Any additional information

It is the intention that no trainee should be disadvantaged by these transition arrangements. Any person who considers they have been disadvantaged may appeal to the qualification developer Connexis Infrastructure ITO at qualifications@connexis.org.nz or 04 499 9144.

