

Qualification Title: New Zealand Certificate in Surveying (Level 4)

Qualification number: 2957

Date of review: 27 October 2021

This report refers to graduates awarded this qualification prior to **31 December 2020**

Final decision on consistency of the qualification: National consistency is confirmed

Threshold

The threshold to determine sufficiency with the graduate profile was determined as evidence of graduates who, under broad guidance, are able to:

- Apply knowledge of land surveying fundamentals to surveying operations.
- Apply safe work practices when operating in a surveying environment.
- Set up, check calibration, and maintain surveying equipment.
- Undertake survey measurement tasks and checks.
- Apply effective communication when undertaking surveying operations.¹

Education Organisations with sufficient evidence

The following education organisations have been found to have sufficient evidence.

MOE Number	Education Organisation	Final rating
8136	Connexis Infrastructure ITO	Sufficient

Introduction

The New Zealand Certificate in Surveying (Level 4) is a 75-credit, entry level, qualification intended for people commencing a career in the surveying profession. The purpose of the qualification is to provide the surveying profession with assistant surveyors, who have the skills and knowledge to work safely in the surveying profession, collect basic survey information and present it in a range of useable forms, and apply practical surveying skills under supervision.

Graduates of this qualification are likely to be employed as assistant surveyors in land surveying firms and by large infrastructure companies.

There have been 29 graduates in the period 2017-2020.

There was one education organisation with graduates, who had a representative participating in a video conferenced consistency review meeting. Their programme is delivered on-job.

¹ Note that this threshold statement is drawn directly from the graduate profile outcomes of version 2 of the qualification.

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Connexis is the qualification developer, (Since transferred to Waihanga Ara Rau - Construction and Infrastructure Workforce Development Council) and a separate representative took part in the video conference review. The qualification was approved in 2015 and reviewed in 2020. Version two of the qualification was subsequently approved in 2021. The graduates reported in this consistency review completed Version one of the qualification.

Evidence

The education organisation presented a range of evidence to demonstrate that their graduates met the graduate profile outcomes.

The criteria used to judge the evaluation question were:

- The nature, quality and integrity of the evidence presented by the education organisation;
- How well the organisation has analysed, interpreted, and validated the evidence, and used the understanding gained to achieve actual or improved consistency; and
- The extent to which the education organisation can reasonably justify and validate claims and statements relating to the consistency of graduate outcomes, including in relation to other providers of programmes leading to the qualification.

Evidence provided included:

- Confirmation that the education organisation had a coherent programme of industry training which ensured that programme components and assessment led to the graduate profile;
- Evidence of internal and external moderation that assured that the programme was assessed at an appropriate level; and
- Records of feedback from employers and graduates, confirming that the programme had provided students with a range of skills aligned to the graduate profile and appropriate to an entry level role in the surveying profession.

How well does the self-assessment and supporting evidence provided by the education organisation demonstrate that its graduates match the graduate outcomes at the appropriate threshold?

The education organisation submitted a range of evidence that could be triangulated to demonstrate that their graduates match the graduate outcomes at the agreed threshold. This included assessment and moderation evidence, programme / GPO alignment, graduate and employer feedback, and destination data.

The education organisation provided good evidence related to the alignment of their approved programme of industry training with the GPOs, and of the quality and suitability of the programmes and assessments in terms of supporting graduate consistency with the graduate outcome.

Generally, evidence relating to moderation was strong, demonstrating good internal and external moderation processes.

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Graduate and employer surveys confirmed that graduates had gained, and were using, the skills and knowledge outlined in the graduate profile and were working in roles that required the application of skills and knowledge required by the graduate profile.

Overall, the self-assessment and supporting evidence supplied by the education organisation demonstrates that its graduates meet the graduate outcomes at the determined threshold.

Special Focus (includes special focus on a strand or outcome)

None

Examples of good practice

The education organisation presented well-organised, relevant, and clearly analysed evidence that was triangulated between programme information, and graduate and employer feedback data. Clear and focussed evidence presented in this way provides a concise and convincing case for consistency.

Issues and concerns

None

Recommendations to Qualification Developer

None

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