

**Qualification Title:** New Zealand Diploma in Surveying (Level 6)

**Qualification number:** 2959

**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, working independently, are able to:

- Apply knowledge of how land is regulated and administered in New Zealand for the purpose of land surveying.
- Apply knowledge of the land development process in New Zealand to gain consents and approvals.
- Apply geodetic control surveying principles to work in a New Zealand survey practice context.
- Apply a range of communication skills and methods relevant to work in the surveying profession.
- Collect, manage and use a range of spatial data to inform land surveys.
- Collect and process data for cadastral, topographical, and engineering surveys.<sup>1</sup>

### Education Organisations with sufficient evidence

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

MOE Number	Education Organisation	Final rating
6025	Toi Ohomai Institute of Technology Ltd	Sufficient
6004	Unitec New Zealand Ltd	Sufficient

### Introduction

The New Zealand Diploma in Surveying (Level 6) is a 240-credit, technician-level, qualification intended for people working or intending to work in the surveying profession as land surveyors or surveying technicians under the supervision of a professional surveyor. The purpose of the qualification is to provide the surveying profession with trained people who are able to undertake field and office work associated with land surveying in a professional manner.

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

## Final Consistency Review Report

Graduates of this qualification are likely to be employed as land surveyors or surveying technicians doing field and office work associated with land surveying under the supervision of a professional surveyor.

There have been 46 graduates in the period 2018-2020.

There were two education organisations with graduates, who were represented in a video conferenced consistency review meeting. Education organisations deliver their programmes in off-job, on-job and blended modes.

Connexis (since transferred to Waihanga Ara Rau - Construction and Infrastructure Workforce Development Council) is the qualification developer, and a representative took part in the video conference review. The qualification was approved in 2015 and reviewed in 2020. Version 2 of the qualification was subsequently approved in 2021. The graduates reported in this consistency review completed Version 1 of the qualification.

### Evidence

The education organisations 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 organisations;
- How well the organisations have analysed, interpreted, and validated the evidence, and used the understanding gained to achieve actual or improved consistency; and
- The extent to which the education organisations 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 organisations had a coherent programme of study 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 programmes had provided students with a range of skills aligned to the graduate profile and appropriate to a technical role in the surveying profession.

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

The education organisations 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, next-level tutor, and employer feedback, and destination data.

## **Final Consistency Review Report**

The education organisations provided good evidence related to the alignment of their approved programmes of study with the GPOs, and of the quality and suitability of the programmes and assessments in terms of supporting graduate consistency with the graduate outcome. The education organisations provided evidence that their programmes provided opportunities for assessment within realistic contexts aligned to the qualification.

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

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 organisations demonstrates that their graduates meet the graduate outcomes at the determined threshold.

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

None

### **Examples of good practice**

Both education organisations 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.

It was evident from both organisations that the consistency process in their respective departments has matured beyond simple compliance and that the organisations were perceiving regular engagement with graduates and employers, aligned to the GPOs, as a critical source of feedback on the educational performance of the organisation.

### **Issues and concerns**

None

### **Recommendations to Qualification Developer**

None

**Final Consistency Review Report**