

**Qualification Title:** New Zealand Certificate in Foundation Construction (Level 3) with strands in Pile Foundations, and Concrete Foundation Walls and Concrete Slab On-ground

**Qualification number:** 1814

**Date of review:** 15 October 2019

This report refers to graduates awarded this qualification prior to: **31 December 2018**

**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' ability to demonstrate the following, in the context of their employment and with limited supervision:

- understand and operate within the regulatory environment as it applies to foundation construction work
- interpret approved building consent documentation to effectively plan and prepare for foundation construction work
- calculate, order and coordinate appropriate materials, labour, plant and equipment required to undertake foundation construction work
- establish and maintain professional working relationships with their team and with other trades, professions and regulatory authorities
- work safely at all times and manage environmental issues on site
- carry out foundation construction work for concrete or timber pile foundations.

Additionally, graduates with the Concrete Foundation Walls and Concrete Slab On-ground strand are also able to:

- carry out foundation preparation and construction work for concrete foundation walls and concrete slab on ground.

**Introduction**

The purpose of this qualification is to provide the construction industry with people who have the practical skills, knowledge and aptitude to work under limited supervision constructing foundations for building projects.

The Building and Construction Industry Training Organisation (BCITO) was the only organisation with graduates in the period covered by this review. There were 82 graduates between 2014 and December 2018. Thirty graduates were awarded the qualification with both strands, a further 46 graduates were awarded the Concrete Foundation Walls and Concrete Slab On-ground strand and six graduates gained the Pile Foundation strand only.

## Evidence

The education organisation provided 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;
- 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.

The evidence provided included graduate and employer feedback, and graduate destination data, showing that graduates could demonstrate the graduate profile outcomes (GPOs) in the workplace. Additionally, evidence of engagement with industry and programme-based evidence showing that the appropriate skills are developed and validly assessed was provided.

### **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?**

Programme related evidence, such as the mapping of assessments to the GPOs and the quality of assessment provides confidence that the programme of industry training is constructed and implemented to ensure that graduates match the GPOs.

Confidence that graduates can demonstrate the GPOs under limited supervision in the workplace was provided by a survey of graduates and a survey of employers, which confirmed the ability of graduates to demonstrate the GPOs. Additionally, 88% of employers were confident that graduates could oversee the work of others which is a higher-level skill than that required for this qualification. These findings were supported by graduate destination data. The graduate survey indicated that 90% graduates were still employed in the industry and the BCITO provided evidence that some graduates also enrolled in further, related study. This demonstrates the graduates' ability to participate in the education and employment pathways of the qualification and triangulates other evidence provided.

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

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

There was no special focus for this review.

### **Examples of good practice**

Surveys of graduates and employers were structured to show the level of confidence that the respondents had in the graduate's abilities to demonstrate the GPOs. Additionally, the surveys were used to establish that this could be achieved with the appropriate level of supervision or better.

### **Issues and concerns**

No issues or concerns were identified in this review.

## **Final Consistency Review Report**

### **Recommendations to Qualification Developer**

There are no recommendations for the qualification developer.