

Qualification Title: New Zealand Certificate in Stonemasonry (Level 4) with strands in Monumental Masonry, Construction Stonemasonry, and Natural Stone Fixtures and Fittings (with optional strands in Banker Masonry, and Conservation and Preservation)

Qualification number: 2737

Date of review: 21 September 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 trained people who have achieved the practical skills and knowledge required to work unsupervised, to complete stonemasonry work to the level required of a commercially competent stonemason.

Graduates of this qualification will be able to:

- Understand and apply a broad practical, working knowledge of the fundamentals required in the stonemasonry trade.
- Self-manage on-going learning and supervise the learning of others with a responsibility to maintain the professional standards of the stonemasonry industry.
- Operate to the required safety, technical, quality, and productivity standards expected in a commercial stonemasonry environment.

Additionally, graduates of the strands will be able to:

Monumental Masonry strand: Plan and carry out all aspects of monumental masonry work including consents and permits, design, creation, installation, and repairs and refurbishment of memorials.

Construction Stonemasonry strand: Plan and carry out all aspects of construction stonemasonry work including consents, creation, installation, and repair and refurbishment of different stonemasonry elements.

Natural Stone Fixtures and Fittings strand: Plan and carry out all aspects of natural stone fixtures and fittings including design, creation, installation, and repairs and refurbishment of different natural stone elements.

Banker masonry optional strand: Plan and carry out all aspects of banker masonry including designs and techniques used to deep carve elements.

Conservation and preservation optional strand: Plan and carry out all aspects of conservation and preservation including designs, and techniques used to preserve and restore stonework of historical, cultural or design significance.

Education Organisations with sufficient evidence

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

MOE Number	Education Organisation	Final rating
8101	Building and Construction Industry Training Organisation (BCITO)	Sufficient
6013	Otago Polytechnic	Sufficient

Introduction

This qualification is intended for people working or wishing to work as stonemasons in the stonemasonry industry.

This qualification can lead to higher-level New Zealand construction-related trades qualifications and management qualifications.

Graduates from the review had qualified from version 1 of the qualification. The last date for assessment of version 1 of this qualification was 31 December 2020. Version 2 was published July 2021. The Building and Construction Industry Training Organisation is the qualification developer, and a representative attended the Consistency Review.

Two education organisations gave presentations. Graduate numbers were relatively low, and graduates were well received by a buoyant industry sector.

Evidence

The education organisations 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.

Evidence provided for this review included:

- Confirmation that the education organisation had a coherent, approved programme of study which ensured that programme components led to the graduate profile outcomes.
- Graduate and employer surveys which confirmed that graduates had gained, and were using, the skills and knowledge outlined in the graduate profile.

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?

Education organisations submitted a range of evidence that could be triangulated to demonstrate that graduates match the graduate outcomes at the appropriate threshold. This included assessment evidence, programme alignment, graduate and employer feedback, and destination data. The organisations with graduates delivered the programme in different modes of delivery, one being a managed apprenticeship programme and the other a full-time 2737 - New Zealand Certificate in Stonemasonry (Level 4) with strands in Monumental Masonry, Construction Stonemasonry, and Natural Stone Fixtures and Fittings (with optional strands in Banker Masonry, and Conservation and Preservation)

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programme with work experience. Both organisations provided good evidence related to the alignment of their approved programme of study with the GPOs, and the quality and suitability of the programmes to support graduates to work to the level required of a commercially competent stonemason, in their chosen strands or area of expertise.

Sector engagement is strong in the stonemasonry industry, and there were some good initiatives in place to improve the value of the qualification and professionalism in the industry.

Moderation evidence was mixed with both internal and external moderation not being well discussed or presented by the providers. Overall, the evidence of planning and execution of moderation had not been well-managed, with lapses that subsequently weakened their quality assurance processes. Both organisations were aware of this gap in process and had clear plans to mitigate and improve.

Both education organisations presented feedback from graduates and employers that was aligned to the GPO's. Discussions during the review centred around the use of surveys and the differing possibilities to survey methodology. The reviewer highlighted the need for survey data to be representative of cohorts (including strand cohorts) that could be tracked longitudinally. Also discussed was the value of gathering feedback and the opportunity it presents for gathering useful information to inform dialogue on the GPOs. The two organisations presenting had different forms of surveying and the group discussed ideas on improving and strengthening feedback mechanisms to inform and improve programme design and delivery.

Destination data was positive, with nearly all graduates achieving their desired employment pathway.

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

Special Focus

None

Issues and concerns

None

Recommendations to Qualification Developer

None

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