

Qualification Title: New Zealand Certificate in Architectural Aluminium Joinery (Installer) (Level 4) with optional strands in Repairs and Maintenance, and Retrofit Glass

Qualification number: 2942

Date of review: 21 March 2022

This report refers to graduates awarded this qualification prior to: **December 2021**

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 the graduate having attained the skills and knowledge required to be able to:

- work safely in the production and installation of architectural aluminium joinery and apply knowledge of specifications, sketches, and plans to support the installation
- select materials and work methods to install architectural aluminium joinery.
- apply knowledge of glazing systems and glaze frames
- comply with relevant legislation and security rules applicable to the architecture industry

The graduates of the Repairs and Maintenance optional strand will also be able to:

- perform repairs and maintenance on architectural aluminium joinery.

The graduates of the Retrofit optional strand will also be able to:

- retrofit glass to architectural aluminium joinery products.

Education Organisations with sufficient evidence

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

Introduction

The purpose of this qualification is to provide the architectural aluminium joinery industry with graduates who are able to operate as installers in architectural aluminium joinery companies. It is suitable for, and will benefit people who are intending to, or are already working as installers and who wish to enhance their capabilities in the architectural aluminium joinery industry. Graduates will be able to work unsupervised and demonstrate commercial competence installing architectural aluminium joinery items.

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Programmes leading to this qualification must reflect current legislation, regulations, and Australia/New Zealand Standards (AS/NZS) relevant to the architectural aluminium joinery industry.

The qualification consists of a series of core skills and an optional strand in Repairs and Maintenance and Retrofit Glass. The Hanga-Aro-Rau (Manufacturing, Engineering and Logistics) Workforce Development Council is responsible for this qualification.

The Building and Construction Industry Training Organisation (BCITO) was the only provider offering this qualification and of the 97 graduates 58 completed the optional Repairs and Maintenance Strand. The entry requirements for BCITO's aligned Programme of Industry Training state that applicants must be employed in an aluminium installation company and signed into a training agreement with the BCITO. Also, due to the nature of the vocational learning there is no specific start or end point for the learners as this depends on the signing of the training agreement and being able to complete the requirements of the qualification.

Evidence

The education organisation provided a range of evidence to demonstrate that its 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.

Evidence considered included:

- An alignment of Graduate Profile Outcomes (GPO) to unit standards and programme evidence demonstrating that graduates meet the graduate profile outcomes.
- A coherent programme and good analysis of programme statistics such as completion data and graduate destination data.
- Evidence that the training was completed in the workplace.
- Evidence from internal and/or external moderation processes providing assurance that the assessments were fair, valid, reliable and consistent across the country and met the learning outcomes at the appropriate level.
- Feedback from and analysis of the responses from trainee/apprentice graduates and their employers to determine if the graduates met the graduate profile outcomes.
- Destination data collected and analysed to show an alignment with the required skills and knowledge, and the pursuit of sound employment pathways.

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?

There was evidence of robust programme mapping of GPOs to learning outcomes with aligned assessments. Good analysis of assessments with compelling internal moderation practices

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demonstrates the range of student performance within a programme showing that the graduate outcomes have been met.

Assessment of trainees/apprentices is undertaken with the concept of commercial competence which is checked via an assessment team. The commercial competence of any apprentice emerges over time in preparation for an assessment of that competency via a Training Assessor (TA). The Training assessors ensure their decisions match those of other TAs around the country therefore providing good evidence of effective assessment. External moderation was not a feature as internal moderation was sound with on site assessment verification being effective in assuring the validity and consistency of assessment.

Destination data was thorough with the BCITO using a good systematic approach to gathering timely feedback against the GPOs from all engaged stakeholders including graduates confirming the outcomes of the qualification. Of the 55 graduates who responded to a survey all were still in the industry or had moved to other aspects of construction.

Good sector engagement via a dedicated Industry Advocate for Architectural Aluminium Joinery ensures ongoing effective communication and consultation is occurring to keep abreast of changes in the industry and enable good alignment with the qualification.

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

Special Focus

This qualification has optional strands in Repairs and Maintenance and Retrofit Glass – graduates from the BCITO completed both strands.

Examples of good practice

The BCITO noted in their report that it has a dedicated Industry Advocate for Architectural Aluminium Joinery who operates a National Advisory Group (NAG) and Regional Engagement Groups (REG) to ensure consultation and communication happens regularly or as required by the Architectural Aluminium Joinery sector. This partnership enables the BCITO to be confident that the programme of industry training and qualification are fit for purpose and graduates are industry ready.

Issues and concerns

No issues or concerns were noted at the meeting.

Recommendations to Qualification Developer

None.

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