

Qualification Title: New Zealand Certificate in Mining and Quarrying (Level 2)

Qualification number: 2931

Date of review: 11 February 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 being able to:

- understand how health and safety is applied in the mining and quarrying industry, to undertake safety-related tasks under supervision.
- demonstrate foundation understanding and ability to safely complete entry-level tasks related to mining and quarrying operations and processes under supervision.
- communicate orally and in writing at a foundation level, within a mining and quarrying workplace, to contribute to team performance.

Education Organisations with sufficient evidence

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

MOE Number	Education Organisation	Final rating
9013	MITO New Zealand Inc.	Sufficient

Introduction

The purpose of this Level 2, 40 credit qualification is to provide the mining and quarrying industries, including surface and underground sectors, with people who have sufficient foundation knowledge and ability to work safely in the industry at entry level, as directed under supervision. Graduates may work in roles such as mine worker, nipper, or quarry worker.

This qualification will equip graduates with the skills, knowledge and competencies that will be needed for higher level mining and quarrying qualifications including: New Zealand Certificate in Surface Mining and Quarrying, (Level 3); New Zealand Certificate in Underground Mining (Level 3); and the New Zealand Certificate in Mining and Quarrying (First-line Supervision) (Level 4) with strands in Surface and Underground.

The MITO New Zealand Incorporated (MITO)) developed this qualification in 2015 in consultation with industry. Version 2 was published in September 2017 to remove the conditions relating to the graduate profile. A full review of this qualification is planned for 2021 and will take into consideration changes in related regulations for the mining and quarrying industries.

Final Consistency Review Report

MITO has been delivering a Programme of Industry Training in the workplace supported by online learning, that leads to the award of this qualification. In the period up to 31 December 2020, MITO had 67 graduates, who were employed by 39 employers.

The consistency review was held via videoconference, with two representative from MITO, one to discuss the graduate outcomes and one to inform the discussion from the qualification development perspective.

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 included:

- Confirmation that the programme of industry training was a coherent programme which ensured that programme components and assessment were aligned to the graduate profile outcomes.
- A training capacity analysis was conducted at each worksite to determine employer and workplace suitability for training.
- Evidence of internal moderation of theory assessments (completed online) and registered assessor's decisions (practical skills) that assured the programme was assessed at an appropriate level, assessments were well designed, and assessor decisions were consistent.
- Confirmation that graduates continued in employment after graduation, and about a third of them progressed to further training programmes in the same field.
- Feedback from graduates and their supervisors, confirming that the programme had provided them with the range of skills and knowledge aligned to the graduate profile.
- Endorsement of the programme and the outcomes (graduates) from the Aggregates and Quarry Association (AQA) and Minex, the Health and Safety Council for the extractive industries.

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 provided strong evidence related to the alignment of their approved programme of industry training with the GPOs, and of the quality and suitability of the workplaces, assessments and assessor decisions that supported graduate consistency with the graduate outcomes.

Final Consistency Review Report

Evidence relating to moderation was sound, demonstrating good internal moderation processes and results, that confirmed validity and reliability of assessment.

Destination data supported that the graduates were working in roles that required the application of skills and knowledge required by the graduate profile, and that some of them had progressed to further/higher levels of learning.

Graduate and supervisor/employer survey results confirmed that graduates had gained, and were using, the skills and knowledge outlined in the graduate profile.

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

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

N/A

Examples of good practice

N/A

Issues and concerns

N/A

Recommendations to Qualification Developer

None.