

**Qualification Title:** New Zealand Certificate in Drilling (Level 4)

**Qualification number:** 2622

**Date of review:** 27 April 2021

This report refers to graduates awarded this qualification: 1 January 2015 - 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 that graduates working will be able to:

- Apply risk assessment procedures, and workplace health and safety and environmental procedures
- Co-ordinate and apply emergency response
- Select appropriate drilling methodologies, systems and processes for specific drilling environment(s)
- Operate and monitor drilling systems and processes, monitor hole condition, and respond to down hole problems in a drilling environment
- Move drill rig and associated equipment to safely meet workplace requirements
- Interpret and apply client/contract specifications to safely meet operational targets
- Provide mentoring and on-job training to drill crew
- Communicate with clients, internal staff and the general public
- Lead reporting on drilling operations

and

- Have the required core skills and knowledge to work as a Driller under broad guidance.

### Education Organisations with sufficient evidence

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

### Introduction

The purpose of this programme is to provide all sectors of the non-hydrocarbon drilling industry with people who have the required core skills and knowledge to work as a Driller under broad guidance. It has been made flexible to allow training to take place within a variety of drilling environments. Graduates will be qualified in the drilling environment in which they trained.

## Final Consistency Review Report

MITO has two approved programmes leading to the award of the New Zealand Certificate in Drilling (Level 4) (2622).

1. Programme ID 117898 Non-Hydrocarbon Drilling (Level 4)
2. Programme ID 124958-1 New Zealand Certificate in Non-Hydrocarbon Drilling (Level 4) (Complex)

MITO was the only provider of this qualification presenting at the review. In the period from 2017 to 31 December 2020 there were a total of 33 graduates from the MTO programmes leading to the New Zealand Certificate in Drilling (Level 4) (2622]. All graduates were employed by 12 employers.

### Evidence

The education organisations provided a range of evidence to demonstrate that their graduates met the graduate profile outcomes (GPOs).

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 MITO has a coherent programme of study in consultation with industry, which ensures that programmes using unit standards are mapped to the graduate profile and relative learning outcomes. Candidates are employed in the industry and the delivery is via on the job training and a learning management system with off job training when required to ensure coherency.
- Evidence of routine moderation of assessment, both internal and external, was seen with programmes being assessed and monitored by qualified and experienced assessors and moderators, with assessors requiring endorsement by the New Zealand Drillers Federation (NZDF). This assures that the programmes learning outcomes were assessed at an appropriate level albeit with some disruptions due to COVID-19 restrictions.
- Destination data showing that 100 per cent of graduates were employed in the extractive industry and working in roles that required the application of skills and knowledge required by the graduate profile.
- Graduate and employer surveys/feedback from GPO focused surveys confirmed that graduates had gained, and were using, the skills and knowledge outlined in the graduate profile.

## **Final Consistency Review Report**

### **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 MITO programmes are reviewed regularly following industry feedback and receive positive feedback from both industry and graduates that the programme meets the qualification outcomes. To reinforce this, MITO has also received an endorsement from the NZ Drillers Federation (NZDF) that graduates are meeting the GPOs at the correct level.

To achieve this qualification graduates must complete programme of study or industry training programmes that are specific to their drilling environment. Good evidence was presented of the programme being specific to the drilling environment and meeting the needs of industry.

Overall, the self-assessment and supporting evidence supplied, by MITO (the sole organisation in this review) demonstrates that graduates meet the graduate outcomes at the determined threshold.

### **Special Focus**

It is noted in the qualification that New Zealand assessment standards in programmes leading to this qualification should be aligned to the required Australian Units of Competency. This is to support equivalency with the Certificate III drilling qualifications within the Australian Resources and Infrastructure Industry Training Package (RII09), ie: - RII32009 Certificate III in Drilling Oil/Gas (On shore) -RII31809 Certificate III in Drilling Operations -RII31909 Certificate III in Drilling Oil/Gas (Off shore)..

### **Issues and concerns**

None

### **Recommendations to Qualification Developer**

None

**Final Consistency Review Report**