

Qualification Title: New Zealand Certificate in Fire Protection Systems Technology (Inspections) (Level 4) with strands in Fire Detection and Alarms Systems, and Fixed Fire Protection Systems

Qualification number: 2579

Date of review: 29 September, 2022

This report refers to all graduates awarded this qualification prior to: 31 December 2021.

Version 2 of this qualification was published in October 2021. All graduates completed version 1 of this qualification.

Final decision on consistency of the qualification: National consistency is confirmed

Threshold:

The threshold for this qualification relates only to those who had gone onto complete the Fire Detection and Alarms Systems Strand.

The threshold to determine sufficiency with the graduate profile was determined as evidence of graduates who have the skills and knowledge to test and inspect active fire protection systems, specialising in inspection of fire detection and alarm systems, or inspection of fixed fire protection systems. Graduates will work in accordance with the New Zealand Building Code, current standards, regulations and ordinances, and other internationally accepted standards.

Graduates will be able to:

- Prepare for inspections by identifying and reviewing all relevant documentation
- Test and inspect fire detection and alarm systems - Test and inspect fixed fire protection systems and complete all required inspection documentation
- Identify and report on any deficiencies that impair performance of the fire protection system
- Work safely on and around the immediate work area
- Use skills and knowledge of active fire protection systems and inspection procedures to effectively contribute to the performance of the team.

Graduates of the Fire Detection and Alarms Systems strand will also be able to:

- Conduct inspections and certify compliance of fire detection and alarm systems.

Education Organisations with sufficient evidence

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

MOE Number	Education Organisation	Final rating
6044/3	Te Pukenga Work Based Learning Limited (Competenz)	Sufficient

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Introduction

The purpose of this qualification is to provide the fire protection industry with inspectors who have the skills and knowledge to test and inspect active fire protection systems.

Graduates will be equipped to work as routine surveyors or inspectors of active fire protection systems - either for fire detection and alarm systems, or fixed fire protection systems.

This qualification may lead to the: New Zealand Certificate in Fixed Fire Protection Systems (Level 4) with an optional endorsement in Special Hazards Fixed Fire Protection Systems [Ref: 2577]; or New Zealand Certificate in Fire Detection and Alarm Systems (level 4) [Ref:2575]; or New Zealand Certificate in Passive Fire Protection Systems (Level 4) [Ref: 2581]; or New Zealand Diploma in Engineering Practice (Level 6) with strands in Mechanical Engineering [Ref: 1714]. This qualification may also lead to higher level qualifications in management or engineering.

Hanga-Aro-Rau Manufacturing, Engineering and Logistics Working Development Council is the qualification developer, and a representative attended the online consistency review meeting.

One organisation presented at this review meeting. There were a total of 20 graduates during the report period.

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.

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 organisation provided a clearly presented submission with supporting evidence and evaluative discussion during the presentation at the review meeting. Programme evidence was strong, with good quality assurance processes that supported assessment practice and verification decisions. Moderation evidence was supported by convincing data that provided assurance of sound and consistent assessing processes.

With the qualification being delivered on-job, there was good opportunity for the organisation to confirm through survey feedback that graduates were meeting the graduate profile

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outcomes. They had gathered a good representative sample of the cohort of graduates and employers and responses to the well worded questions were positive. The survey had been conducted for the purposes of this consistency review and this practice was discussed during the review meeting. Routinely gathering feedback after the completion of the qualification (a recommended timeframe is six months after graduation) would allow the graduates to respond fairly and accurately to the questions and allow systematic aggregation and evaluation of results.

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

Examples of good practice

Rewording long and sometimes complex graduate profile outcomes into clear and succinct questions in the graduate and stakeholder surveys.

Issues and concerns

None

Recommendations to Qualification Developer

None