

## FIELD                    ENGINEERING AND TECHNOLOGY

### Review of *Mechanical Engineering* qualifications

National Certificate in Fire Detection and Alarm Systems (Testing) (Level 3)  
[Ref: 0862]

National Certificate in Fire Detection and Alarm Systems (Level 4) [Ref: 0569]

National Certificate in Fixed Fire Protection Systems (Level 3) with strands in  
Installation, and Testing [Ref: 0863]

National Certificate in Fixed Fire Protection Systems (Level 4) [Ref: 0570]

National Certificate in Fire Protection Systems Technology (Inspection and Testing)  
(Level 4) [Ref: 0864]

National Certificate in Passive Fire Protection (Routine Maintenance) (Level 3)  
[Ref: 1568]

National Certificate in Passive Fire Protection (Building Consent Inspections)  
(Level 4) [Ref: 1569]

National Certificate in Hand Operated Fire Fighting Equipment (Level 3) [Ref: 0568]

Competenz has completed the review of the qualifications listed above.

### New and replacement qualifications

New Zealand Certificate in Fire Detection and Alarm Systems (Level 3) [Ref: 2574]

New Zealand Certificate in Fire Detection and Alarm Systems (Level 4) [Ref: 2575]

New Zealand Certificate in Fixed Fire Protection Systems (Level 3) [Ref: 2576]

New Zealand Certificate in Fixed Fire Protection Systems (Level 4) with an optional strand  
in Special Hazards Fixed Fire Protection Systems [Ref: 2577]

New Zealand Certificate in Fire Protection Systems Technology (Testing) (Level 3)  
[Ref: 2578]

New Zealand Certificate in Fire Protection Systems Technology (Inspections) (Level 4)  
with strands in Fire Detection and Alarm Systems, and Fixed Fire Protection Systems  
[Ref: 2579]

New Zealand Certificate in Hand Operated Fire Fighting Equipment (Level 3) [Ref: 2580]

New Zealand Certificate in Passive Fire Protection Systems (Level 4) [Ref: 2581]

### Date new versions published

**March 2016**

The next qualification review is planned to take place during 2021.

### Summary of review and consultation process

The review occurred as a result of the mandatory review of the suite of qualifications for the Fire Protection industry sector as part of the Targeted Review of Qualifications (TRoQ) process.

The review involved extensive consultation, communications, governance group and technical working groups' meetings, workshops, and feedback from stakeholders.

The governance group, technical groups, and stakeholders confirmed and endorsed the four replacement and four new qualifications.

### Main changes resulting from the review

Four National qualifications have been replaced by New Zealand qualifications as detailed below.

Four National qualifications have been reviewed and will not be replaced.

Four new New Zealand qualifications have been developed.

National Certificate in Fire Detection and Alarm Systems (Testing) (Level 3) [Ref: 0862]

Review category	<b>D</b>	See <a href="#">Key to Qualification Review Categories</a> at the end of report
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National Certificate in Fire Detection and Alarm Systems (Level 4) [Ref: 0569]  
*replaced by*

**New Zealand Certificate in Fire Detection and Alarm Systems (Level 4) [Ref: 2575]**

Review category	<b>C</b>	See <a href="#">Key to Qualification Review Categories</a> at the end of report
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National Certificate in Fixed Fire Protection Systems (Level 3) with strands in Installation, and Testing [Ref: 0863]  
*replaced by*

**New Zealand Certificate in Fixed Fire Protection Systems (Level 3) [Ref: 2576]**

Review category	<b>C</b>	See <a href="#">Key to Qualification Review Categories</a> at the end of report
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### Reverse transition

The Installation strand in Version 3 of [Ref: 0863] contains a standard that will expire at the end of December 2018. People wishing to complete this strand in this version of the reviewed qualification will need to gain credit for standard 18434 before it expires on 31 December 2018.

People who do not gain credit for standard 18434 by this date but who wish to complete this strand and version of the qualification can use the specified exemption – see table below.

Credit for	Exempt from
28827, 28828, 28829, 28830	18434

National Certificate in Fixed Fire Protection Systems (Level 4) [Ref: 0570]

*replaced by*

**New Zealand Certificate in Fixed Fire Protection Systems (Level 4) with an optional strand in Special Hazards Fixed Fire Protection Systems [Ref: 2577]**

Review category	<b>C</b>	See <a href="#">Key to Qualification Review Categories</a> at the end of report
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### Reverse transition

Version 3 of [Ref: 0570] contains a standard that will expire at the end of December 2018. People wishing to complete this version of the reviewed qualification will need to gain credit for standard 18434 before it expires on 31 December 2018.

People who do not gain credit for standard 18434 by this date but who wish to complete this version can use the specified reverse transition– see table below.

Credit for	Exempt from
28827, 28828, 28829, 28830	18434

National Certificate in Fire Protection Systems Technology (Inspection and Testing) (Level 4) [Ref: 0864]

Review category	<b>D</b>	See <a href="#">Key to Qualification Review Categories</a> at the end of report
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National Certificate in Passive Fire Protection (Routine Maintenance) (Level 3) [Ref: 1568]

Review category	<b>D</b>	See <a href="#">Key to Qualification Review Categories</a> at the end of report
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National Certificate in Passive Fire Protection (Building Consent Inspections) (Level 4) [Ref: 1569]

Review category	<b>D</b>	See <a href="#">Key to Qualification Review Categories</a> at the end of report
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National Certificate in Hand Operated Fire Fighting Equipment (Level 3) [Ref: 0568]

*replaced by*

**New Zealand Certificate in Hand Operated Fire Fighting Equipment (Level 3) [Ref: 2580]**

### Reverse transition

Version 3 of [Ref: 0568] contains a standard that will expire at the end of December 2016. People wishing to complete this version of the reviewed qualification will need to gain credit for standard 58 before it expires on 31 December 2016.

People who do not gain credit for standard 58 by this date but who wish to complete this version can use the specified reverse transition– see table below.

Credit for	Exempt from
11938	58

Review category	<b>C</b>	See <a href="#">Key to Qualification Review Categories</a> at the end of report
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## Transition

The last date for enrolment into the reviewed national qualifications is 31 December 2017.

The last date for assessments to take place for the reviewed national qualifications is 31 December 2020.

People working towards the reviewed national qualifications may complete the requirements of that qualification or, where there is a replacement qualification, transfer their results to the replacement New Zealand qualification.

It is not intended that anyone be disadvantaged by this review, and the above transition arrangements have been designed for a smooth transition. However, anyone who feels that they have been disadvantaged may appeal to Competenz at the address below.

Competenz  
PO Box 9005  
Newmarket  
Auckland 1149

Telephone 0800 526 1800  
Fax 09 539 9899  
Email [qualifications@competenz.org.nz](mailto:qualifications@competenz.org.nz)  
Website [www.competenz.org.nz](http://www.competenz.org.nz)

## Key to Qualification Review Categories

<b>Category A</b> The qualification is published as a new version with the same NZQF ID	Changes are made to SSB name, contact details or purpose statement
	No change is made to title, rules or components of the qualification
	No transition arrangements are required
<b>Category B</b> The qualification is published as a new version with the same NZQF ID	Changes are made to title, rules or components
	The new version of the qualification recognises a similar skill set to that recognised by the previous version
	The SSB is confident that people awarded the new or previous version are comparable in terms of competence
	Transition arrangements are required if candidates must gain additional/different credits for the new version
<b>Category C</b> A new (replacement) qualification is published with new NZQF ID	Significant changes are made to the qualification in terms of components, structure, type or level
	The SSB views people with the replacement qualification as being significantly different in terms of competence from those with the replaced qualification
	Transition arrangements are required
	Transition may be limited to phase-out dates
<b>Category D</b> Qualification will expire. There is no replacement qualification	Qualification is no longer required by industry
	The qualification is designated as expiring and a last date for meeting the qualification requirements is set