

National Certificate in Extractive Industries (Underground Mines Rescue)

Level 4

Credits 63

This qualification has been **reviewed**. The last date to meet the requirements is 31 December 2020.

Transition Arrangements

This qualification has been reviewed and replaced by the New Zealand Certificate in Mines Rescue (Level 4) with strands in Surface and Underground, and an optional strand in Supervision [Ref: 2784].

The last date for entry into programmes leading to this qualification is 31 December 2017.

The last date for assessment of this qualification is 31 December 2020, when the qualification will be discontinued.

People currently working towards this qualification may either complete the requirements by 31 December 2017 or transfer their results to the replacement qualification.

For detailed information see [Review Summaries](#) on the NZQA website.

NZQF National Qualification Registration Information

Process	Version	Date	Last Date for Assessment
Registration	1	May 2007	December 2010
Review	2	December 2008	December 2020
Republished	2	January 2014	December 2020
Review	3	August 2015	December 2020

Standard Setting Body

MITO New Zealand (Incorporated)
PO Box 10803
Wellington 6143

Telephone 0800 88 21 21
Facsimile 04 494 0006
Email info@mito.org.nz
Website www.mito.org.nz

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Credits	63

Purpose

The National Certificate in Extractive Industries (Underground Mines Rescue) recognises the skills and knowledge required to work as a Mines Rescue Brigadesman. This qualification is designed for skilled underground miners who are able to undertake additional responsibilities in underground mines rescue operations, as a Mines Rescue Brigadesman.

Mines Rescue Brigadesmen are capable of being part of a team carrying out all emergency response tasks related to mines rescue.

The qualification comprises compulsory standards designed to assess a range of skills including the knowledge and use of breathing apparatus, basic fire fighting and dealing with fires underground, emergency response, care and storage of mines rescue equipment, and ability to interpret and test for gas in a mine. The qualification has a significant health and safety component in recognition of the dangers involved with mines rescue.

This qualification may be a pathway to other extractive industries qualifications, including the National Diploma in Extractive Industries (Management) with strands in Surface Extraction, Underground Extraction [Ref: 0806].

Special Notes

Entry into programmes of education and training in preparation for assessment against standards in this qualification is open to persons who are skilled in underground mining. Some of the standards included in this qualification have prerequisites.

Prior learning may be recognised at both standard and qualification level by either an accredited organisation or the Extractive Industries Training Organisation.

Credit Range

Level 1 credits	1
Level 2 credits	12
Level 3 credits	2
Level 4 credits	33
Level 5 credits	15
Total	63

Requirements for Award of Qualification

Award of NZQF National Qualifications

Credit gained for a standard may be used only once to meet the requirements of this qualification.

Unit standards and achievement standards that are equivalent in outcome are mutually exclusive for the purpose of award. The table of mutually exclusive standards is provided on the New Zealand Qualifications Authority (NZQA) website: <http://www.nzqa.govt.nz/qualifications-standards/standards/standards-exclusion-list/>.

Reviewed standards that continue to recognise the same overall outcome are registered as new versions and retain their identification number (ID). Any version of a standard with the same ID may be used to meet qualification requirements that list the ID and/or that specify the past or current classification of the standard.

Summary of Requirements

- Compulsory standards

Detailed Requirements

Compulsory

The following standards are required

Community and Social Services > Community and Workplace Fire and Emergency Management > Workplace Emergency Risk Management

ID	Title	Level	Credit
17279	Demonstrate knowledge of the coordinated incident management system (CIMS)	2	2

Community and Social Services > Community and Workplace Fire and Emergency Management > Workplace Fire and Emergency Response

ID	Title	Level	Credit
3271	Suppress fire with hand extinguishers and fixed hose reels	2	1

Engineering and Technology > Extractive Industries > Extractive Industries Management

ID	Title	Level	Credit
15672	Demonstrate knowledge of the Mines Rescue Service	2	2
19859	Check, select, operate, recommission, and store mines rescue equipment	5	15

Engineering and Technology > Extractive Industries > Underground Extraction

ID	Title	Level	Credit
7146	Demonstrate basic knowledge and ability required to work in an underground mine	2	6

ID	Title	Level	Credit
16697	Deal with mine fires using extinguishing agents	4	3
19858	Describe and operate BG4 breathing apparatus in an irrespirable atmosphere in an underground mine	4	10
19863	Describe and operate CABA in an irrespirable atmosphere in an underground mine	4	5
21281	Interpret and test for gases in an underground extraction site	4	15

Health > Health Studies > Core Health

ID	Title	Level	Credit
6400	Manage first aid in emergency situations	3	2
6401	Provide first aid	2	1
6402	Provide resuscitation level 2	1	1

Transition Arrangements

Version 2

Version 2 of this qualification was issued in response to a review, and subsequently republished to include reverse transition arrangements for expiring standards 6400-6402.

Changes to structure and content

- Standards 19862 and 19864 have been removed from the compulsory section.
- Electives 1 and 3 have been removed from the qualification.
- Standards 17279 and 19863 have been moved from elective 2 to the compulsory section.
- Standards 16686, 19860, 19861, and 21278 have been removed from elective 2.

For detailed information see [Review Summaries](#) on the NZQA website.

Version 2 of this qualification contains standards that will expire in December 2015. For the purposes of this qualification, people who have gained credit for the replacement standards are exempt from the requirement to gain credit for the expiring standards – see table below.

Credit for	Exempt from
26551, 26552	6400
26552	6401
26551	6402

Other standard setting bodies whose standards are included in the qualification

Fire and Rescue Services Industry Training Organisation
 NZQA

Certification

This certificate will display the logos of NZQA, MITO New Zealand (Incorporated) and the organisation that has been granted consent to assess against standards that meet the requirements of the qualification.

Classification

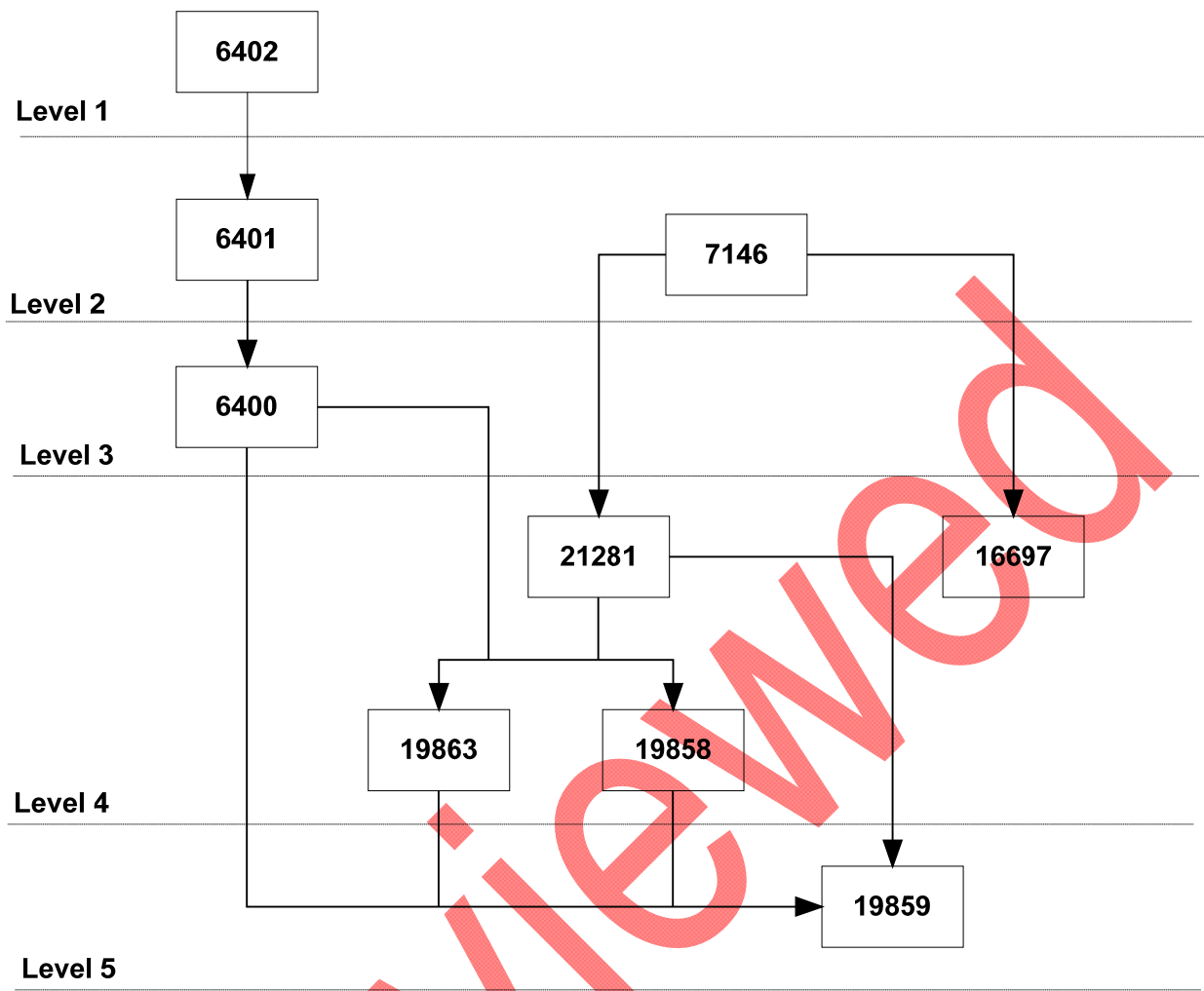
This qualification is classified according to the classification system listed on the Directory of Assessment Standards (DAS) and the New Zealand Standard Classification of Education (NZSCED) system as specified below.

DAS Classification		NZSCED	
Code	Description	Code	Description
323	Engineering and Technology > Extractive Industries	030303	Engineering and Related Technologies > Process and Resources Engineering > Mining and Resources Engineering

Quality Management Systems

Providers and Industry Training Organisations must be granted consent to assess by a recognised Quality Assurance Body before they can register credits from assessment against standards. Organisation with consent to assess and Industry Training Organisations assessing against standards must engage with the moderation system that applies to those standards. Consent to assess requirements and the moderation system are outlined in the associated Consent and Moderation Requirements (CMR) for each standard.

Prerequisite Diagram



REVIEWED