

National Certificate in Extractive Industries (Mining Administration Surface Extraction B Grade) (Level 5)

Level	5
Credits	80

This qualification has been **reviewed**. The last date to meet the requirements is 31 December 2021.

Transition Arrangements

Version 2 of this qualification was republished in July 2020 to extend the last date of entry into programmes from 31 December 2019 to 31 December 2021. The last date for assessment was extended from 31 December 2021 to 31 December 2023.

Version 2 of this qualification was republished in December 2018 to extend the last date of entry into programmes leading to this qualification from 31 December 2018 to 31 December 2019. The last date for assessment was extended from 31 December 2020 to 31 December 2021.

Version 2 of this qualification was republished in August 2015 to include changes made for the Version 1 republication.

This qualification has been reviewed and replaced by the New Zealand Certificate in Mining and Quarrying (First-line Supervision) (Level 4) with strands in Surface and Underground [Ref: 2783].

The last date for entry into programmes leading to this qualification is 31 December 2021.

The last date for assessment of this qualification is 31 December 2023, when the qualification will be discontinued.

People currently working towards this qualification may either complete the requirements by 31 December 2023 or transfer their results to the replacement qualification.

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

It is the intention of MITO New Zealand Incorporated that no existing trainee should be disadvantaged by these transition arrangements. Any person who considers they have been disadvantaged may appeal to MITO New Zealand Incorporated using the contact details below.

NZQF National Qualification Registration Information

Process	Version	Date	Last Date for Assessment
Registration	1	March 2010	December 2023
Republished	1	June 2015	December 2023
Review	2	August 2015	December 2023
Republished	2	October 2015	December 2023
Republished	2	September 2017	December 2023
Republished	2	December 2018	December 2023
Republished	2	July 2020	December 2023

Standard Setting Body

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Reviewed

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Level	5
Credits	80

Purpose

The National Certificate in Extractive Industries (Mining Administration Surface Extraction B Grade) (Level 5) is designed for B Grade Opencast Coal Mine Managers and B Grade Quarry Managers as part of the requirements for their statutory status.

Holders of this certificate are able to demonstrate knowledge and skills in: safety plans for surface face and benching operations; constructing and maintaining access roads; maintaining working surfaces; conducting safety checks on equipment; dewatering, pump maintenance, cleaning settling ponds; minimising environmental impact at an extraction site; reviewing consent conditions; regulatory requirements; and incident reporting in the context of a surface extractives site.

People who have completed this qualification will have been awarded all the standards required for the Certificate of Competence as a B Grade Opencast Coal Mine Manager, and the Certificate of Competence as a B Grade Quarry Manager. However, there are additional statutory requirements that must be met before these Certificates of Competence can be awarded. Please refer to the special notes for further details about the additional requirements.

The optional standards have been included to provide the opportunity for candidates to complete the additional requirements for Certificates of Competence to be awarded in workplace situations where explosives are used.

The National Certificate in Extractive Industries (Mining Administration Surface Extraction B Grade) (Level 5) [Ref: 1536] leads to, and is a prerequisite for award of, the National Certificate in Extractive Industries (Mining Administration Surface Extraction A Grade) (Level 5) [Ref: 1537].

While this qualification has standards in common with the National Certificate in Extractive Industries (Supervision) (Level 5) with strands in Surface Extraction, and Underground Extraction [Ref: 1523], it is intended only to cover the role-specific technical requirements of the relevant Certificates of Competence and is not intended to be part of the same qualification pathway.

The qualification pathway that includes the the National Certificate in Extractive Industries (Supervision) (Level 5) with strands in Surface Extraction, and Underground Extraction [Ref: 1523], is intended for those in a wide range of industry roles and develops additional skills and knowledge relating to extractive industries worksites such as team work and people management, organisational requirements and management, and health and safety.

Special Notes

The content of this national qualification is based on the requirements of the gazette notice relating to the mining administration regulations and Certificates of Competence. People who have completed the requirements of this qualification may be eligible to apply for a B Grade Opencast Coal Mine Manager's Certificate of Competence or a B Grade Quarry Manager's Certificate of Competence.

For details of additional statutory requirements to be met before Certificates of Competence can be awarded, candidates should refer to the *Requirements of Holders of Certificates of Competence* (Department of Labour, 2008).

Credit Range

	Compulsory	Optional Standards
Level 2 credits	4	2
Level 3 credits	25	-
Level 4 credits	4	10
Level 5 credits	22	-
Level 6 credits	25	-
Minimum total	80	-

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

Engineering and Technology > Extractive Industries > Extractive Industries Management

ID	Title	Level	Credit
7142	Demonstrate knowledge of the application of regulatory requirements to manage an extractive site	6	25

Engineering and Technology > Extractive Industries > Surface Extraction

ID	Title	Level	Credit
8902	Prepare and implement safety plans for surface face and benching operations	4	4
8905	Construct and maintain access roads within surface extraction sites	3	3
8909	Maintain working surfaces at surface extraction sites	2	2
8922	Conduct safety checks prior to equipment usage at an extractives site	2	2
21153	Demonstrate knowledge of dewatering, pump maintenance, cleaning settling ponds at extraction sites	3	12
21154	Demonstrate knowledge of procedures to minimise environmental impact at an extraction site	5	7
21155	Review consent conditions and demonstrate knowledge of the use of water at surface extraction sites	3	10
21156	Plan, implement, and describe surface extraction production to minimise environmental impacts	5	15

Optional standards

The following standards are optional

Engineering and Technology > Extractive Industries > Extractive Industries Management

ID	Title	Level	Credit
17694	Demonstrate knowledge of explosives and their properties	2	2
21152	Demonstrate knowledge of storing explosives for use in extractive industries	4	10

Previous versions of the qualification

Version 2 of this qualification was republished to extend the last dates of entry and assessment. Credit for standard 28742 cannot be used as an exemption for standard 7142. This applies to version 1 and version 2 of this qualification.

Version 1 of this qualification was republished to allow standard 28742 to be used for certificate of competence requirements required by the Health and Safety in Employment (Mining Operations and Quarrying Operations) Regulations 2013.

This qualification contains standards that replace earlier standards. For the purposes of this qualification, people who have gained credit for the expiring standards are exempt from the requirement to gain credit for the replacement standards – see table below.

Credit for	Exempt from
8890	21152
8894	21153
8910	21154

Credit for	Exempt from
8912	21155
8913	21156

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 (accredited).

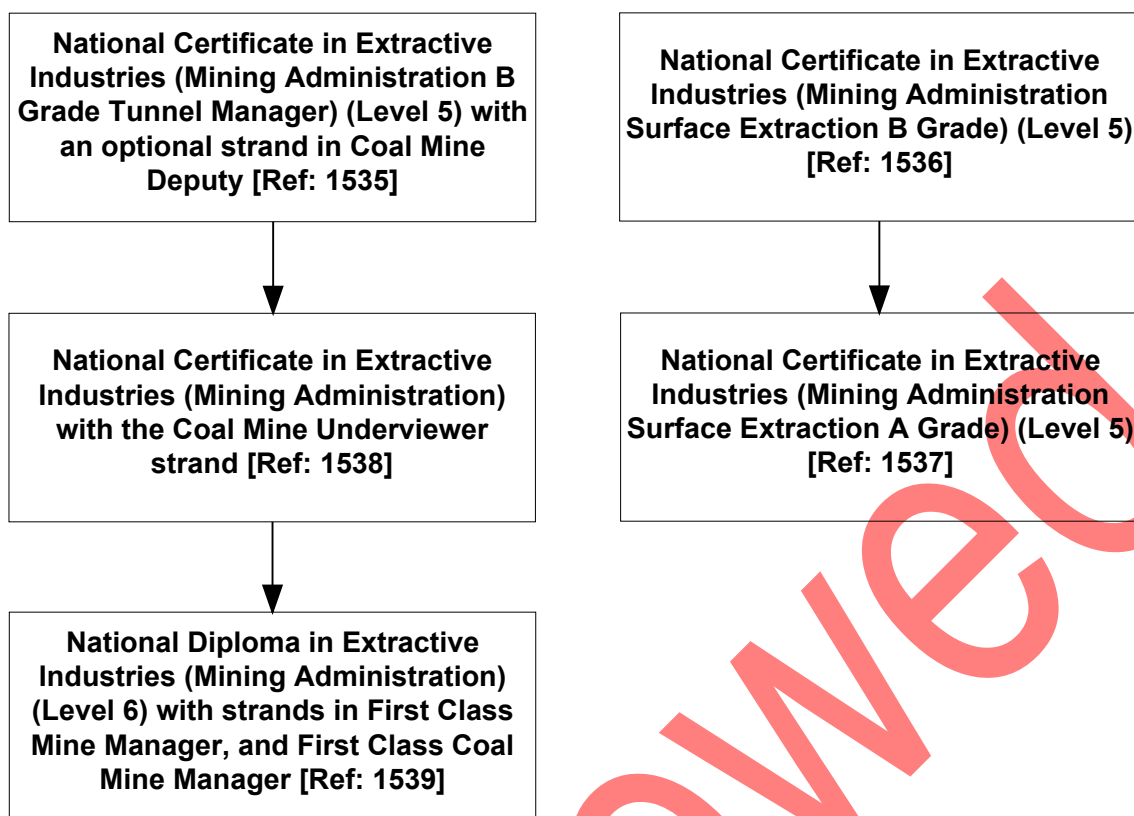
Classification

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

<p>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.</p>

Qualification Prerequisite Diagram



REVIEWED