

## National Certificate in Blaster Coating with optional strands in Confined Spaces; Exterior; Height and Traffic Safety; Supervision; and Workshop

**Level** 3 or 4 depending on strand

**Credits** 74

This qualification has been **reviewed**. The last date to meet the requirements is 31 December 2018.

### Transition Arrangements

This qualification has been reviewed and replaced by the following:

- New Zealand Certificate in Protective Coatings (Level 3) [Ref: 2710]
- New Zealand Certificate in Protective Coatings (Level 4) [Ref: 2711]

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

Candidates wishing to complete this qualification will need to gain credits against US 17535 prior to 31 December 2017.

This qualification contains a further expiring unit standard for which replacement unit standards have now been registered. For the purposes of this qualification, people who have gained credit for the replacement unit standards are exempt from the requirement to gain credit for the expiring unit standard.

Credit for	Exempt from
27776 and 27777	17545

### NZQF National Qualification Registration Information

Process	Version	Date	Last Date for Assessment
Registration	1	January 2001	December 2004
Revision	2	June 2004	December 2008
Review	3	June 2007	N/A
Republished	3	January 2014	N/A
Review	4	February 2015	December 2016

## Standard Setting Body

NZ Motor Industry Training Organisation (Incorporated) (MITO)  
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Reviewed

# National Certificate in Blaster Coating with optional strands in Confined Spaces; Exterior; Height and Traffic Safety; Supervision; and Workshop

**Level** 3 or 4 depending on strand

**Credits** 74

## Purpose

The National Certificate in Blaster Coating with optional strands in Confined Spaces, Exterior, Height and Traffic Safety, Supervision, and Workshop [Ref: 0800] recognises the skills of an experienced professional abrasive blaster and protective coater. Holders of this qualification are able to apply quality concepts when mixing and thinning protective coatings, measuring film thickness, preparing surfaces by abrasive blasting, and applying protective coatings. They can demonstrate knowledge of abrasive blasting materials, protective coatings, thinners, and disposing of blaster coating waste.

The structure of the qualification provides choices of applying wet or metallic protective coatings and a choice of operation equipment or plant is provided in the elective sections.

The optional strands recognise the skills and knowledge required to work in the different environments of the abrasive blasting and protective coating industry; including supervision of safety, quality, and people (during blaster coating operations), work in a confined space, plan a confined space entry, control traffic temporarily, and work safely at heights and in traffic.

This qualification builds on the National Certificate in Blaster Coating (Level 2) with optional strands in Confined Spaces; and Height and Traffic Safety [Ref: 0799].

## Special Notes

It is recommended that people seeking award of this qualification have achieved prior award of the National Certificate in Blaster Coating (Level 2) with optional strands in Confined Spaces, and Height and Traffic Safety [Ref: 0799], or have had at least two years experience in the blaster coating industry.

## Credit Range

	Core Compulsory	Elective A	Elective B	Elective C	Confined Spaces Strand
Level 2 credits	5	-	-	-	-
Level 3 credits	34	10	-	0-5	4
Level 4 credits	-	-	20-25	0-5	5
Minimum totals	39	10	20	5	9

	Exterior Strand	Height and Traffic Safety Strand	Supervision Strand	Workshop Strand
Level 3 credits	11	4	6	8
Level 4 credits	-	-	25	-
Level 5 credits	-	3	-	-
Minimum totals	11	7	31	8
Qualification total with strand	85	81	105	82
Qualification level	3	3	4	3

## 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

- Core Compulsory standards
- Elective A – A minimum of 1 standard as specified
- Elective B – A minimum of 1 standard as specified
- Elective C – A minimum of 5 credits as specified

The following strands are optional

- Confined Spaces Strand
- Exterior Strand
- Height and Traffic Safety Strand
- Supervision Strand
- Workshop Strand

## Detailed Requirements

### Core Compulsory

The following standards are required

## Engineering and Technology &gt; Blaster Coating &gt; Abrasive Blasting

Id	Title	Level	Credit
17523	Demonstrate knowledge of abrasive blasting materials	3	4

## Engineering and Technology &gt; Blaster Coating &gt; Blaster Coating Operations

Id	Title	Level	Credit
17522	Apply quality control concepts to abrasive blasting and protective coating operations	3	10
17532	Demonstrate knowledge of abrasive blasting and protective coating waste disposal	3	3
17547	Demonstrate knowledge of health and safety in abrasive blasting and protective coating environments	2	5

## Engineering and Technology &gt; Blaster Coating &gt; Protective Coating

Id	Title	Level	Credit
17541	Demonstrate knowledge of protective coatings and thinners	3	5
17542	Demonstrate knowledge of film thickness and measuring instruments, and test protective coatings	3	8
17543	Describe safety procedures for, and mix and thin, protective coatings	3	4

**Elective A**

A minimum of 1 standard

## Engineering and Technology &gt; Blaster Coating &gt; Abrasive Blasting

Id	Title	Level	Credit
17524	Demonstrate knowledge of wet blasting	3	10
17528	Demonstrate knowledge of and prepare and vacuum blast surfaces	3	10

**Elective B**

A minimum of 1 standard

## Engineering and Technology &gt; Blaster Coating &gt; Protective Coating

Id	Title	Level	Credit
17539	Describe and apply wet protective coatings	4	25
17544	Supervise the application of metallic protective coatings	4	20

**Elective C**

A minimum of 5 credits at Level 3 or above

From anywhere on the DAS

### Confined Spaces Strand

The following standards are required

Health > Occupational Health and Safety > Occupational Health and Safety Practice

Id	Title	Level	Credit
17599	Plan a confined space entry	4	5
18426	Demonstrate knowledge of hazards associated with confined space	3	4

### Exterior Strand

The following standards are required

Engineering and Technology > Blaster Coating > Abrasive Blasting

Id	Title	Level	Credit
17521	Abrasive blast fixed structures and oversize plant	3	5

Engineering and Technology > Blaster Coating > Blaster Coating Operations

Id	Title	Level	Credit
17545	Work safely at an exterior abrasive blasting and protective coating site	3	6

### Height and Traffic Safety Optional Strand

The following standards are required

Engineering and Technology > Highway Construction and Maintenance > Temporary Traffic Management

Id	Title	Level	Credit
5628	Operate as a Site Traffic Management Supervisor (STMS) for low volume and Level 1 roads	5	3

Planning and Construction > Construction > Construction Health and Safety, and Injury Prevention

Id	Title	Level	Credit
15757	Employ fall arrest systems on building and construction sites	3	4

### Supervision Strand

The following standards are required

Engineering and Technology > Blaster Coating > Blaster Coating Operations

Id	Title	Level	Credit
17529	Conduct safety audit for an abrasive blasting and protective coating operation	3	3

Id	Title	Level	Credit
17535	Supervise safety on an abrasive blasting and protective coating site	4	20

#### Humanities > Communication Skills > Interpersonal Communications

Id	Title	Level	Credit
1312	Give oral instructions in the workplace	3	3
21335	Lead a group/team to achieve an objective(s)	4	5

#### Workshop Strand

The following standards are required

#### Engineering and Technology > Blaster Coating > Abrasive Blasting

Id	Title	Level	Credit
17520	Abrasive blast inside a blasting booth	3	4

#### Engineering and Technology > Blaster Coating > Blaster Coating Operations

Id	Title	Level	Credit
17546	Work safely at an abrasive blasting and protective coating workshop	3	4

### Transition Arrangements

#### Version 3

Version 3 of this qualification was issued following the review of Abrasive Blasting standards, and subsequently republished to include reverse transition arrangements for expiring standard 17545.

#### Changes to structure and content

- titles, levels, and credits of reviewed standards updated
- an additional elective section added
- optional strands in Confined Spaces, and Height and Traffic Safety were added
- standard 17497 was replaced by 21335
- expiring standards 17530 and 17533 were removed.

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

Version 3 of this qualification contains a standard that will expire in December 2014. 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 standard – see table below.

Credit for	Exempt from
27776, 27777	17545

This qualification contains a standard that replaced an earlier standard. For the purposes of this qualification, people who have gained credit for the expired standard are exempt from the requirement to gain credit for the replacement standard – see table below.

Credit for	Exempt from
17497	21335

People currently working towards version 2 of this qualification may either complete the requirements for that version or transfer their results to this version of the qualification. The last date for people to complete version 2 is 31 December 2008.

### Previous versions of the qualification

Version 2 was issued to update the Standard Setting Body information following the amalgamation of the Gas and Petrochemical Industry Training Organisation with the NZ Motor Industry Training Organisation (Incorporated).

### Other standard setting bodies whose standards are included in the qualification

Building and Construction Industry Training Organisation  
 InfraTrain New Zealand  
 New Zealand Industry Training Organisation  
 NZQA

### Certification

This certificate will display the logos of NZQA, the NZ Motor Industry Training Organisation (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
397	Engineering and Technology > Blaster Coating	030199	Engineering and Related Technologies > Manufacturing, Engineering and Technology > Manufacturing Engineering and



		Technology not elsewhere classified
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**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.

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