

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

This qualification will be awarded to people who have met the following 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

Award of NQF 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 in section 7 of the New Zealand Qualifications Authority (NZQA) *Rules and Procedures* publications available at <http://www.nzqa.govt.nz/ncea/acrp/index.html>.

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.

Detailed Requirements

Core Compulsory

The following standards are required

Engineering and Technology > Blaster Coating > Abrasive Blasting

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

Engineering and Technology > Blaster Coating > 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 > Blaster Coating > 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 > Blaster Coating > 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 > Blaster Coating > 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 NQF

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 was issued following the review of Abrasive Blasting standards.

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.

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.

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
17497	21335

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 Extractive Industries Training Organisation.

NQF 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

Standard Setting Body

NZ Extractive Industries Training Organisation
PO Box 2623
CHRISTCHURCH

Telephone 03 377 8473
Facsimile 03 377 8479
Email info@exito.org.nz
Website <http://www.exito.org.nz/>

Planned Review

Any person or organisation may contribute to the review of this qualification by sending feedback to the standard setting body at the above address.

Next Review	2012
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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
Tranzqual ITO

Certification

The certificate will display the logos of NZQA and NZ Extractive Industries Training Organisation.

Classification

This qualification is classified according to the NQF classification system and the New Zealand Standard Classification of Education (NZSCED) system as specified below.

NQF 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

Quality Management Systems

Providers and Industry Training Organisations must be accredited by a recognised Quality Assurance Body before they can register credits from assessment against standards. Accredited providers and Industry Training Organisations assessing against standards must engage with the moderation system that applies to those standards. Accreditation requirements and the moderation system are outlined in the associated Accreditation and Moderation Action Plan (AMAP) for each standard.