

National Certificate in Elementary Construction Skills with strands in Entry Level, Advanced Level, and Basic Residential Property Maintenance

Level 1 or 2

Credits 41–86

Purpose

This qualification has been designed by industry to recognise achievement in elementary construction skills attained through an accredited provider. There are three strands that offer flexible options to both schools and private training providers. The Entry Level strand is designed for schools, to allow students to complete an industry related National Certificate while working towards their National Certificate in Educational Achievement. The Advanced Level strand and the Basic Residential Property Maintenance (BRPM) strand are designed for private training providers, who are more able to offer all of the unit standards contained in the strands. While the certificate can stand alone, all strands have the potential to provide a pathway to a training agreement leading to the National Certificate in Carpentry (Level 4) [Ref: 0016].

Those who complete the Advanced Level strand will have gained broader skills than those completing the Entry Level strand, but the elementary skills obtained will be transferable. The Basic Residential Property Maintenance strand provides exposure to a broad range of trade skill areas with potential to lead to higher learning through apprenticeship or academic study. All strands have three unit standards (4 credits) from the domain of Core Health in common with the National Certificate in Carpentry (Level 4) [Ref: 0016]. In addition to this, the Advanced Level strand has two unit standards (6 credits) from the domain of carpentry theory in common with the National Certificate in Carpentry (Level 4) [Ref: 0016].

Special Notes

This qualification includes standards 22129 and 22130. For assessment purposes:

- People who hold credit for standard 12934 can use this as evidence for elements 1, 2, and 5 of standard 22129; but must be assessed against elements 3 and 4.
- People who hold credit for standard 12940 can use this as evidence for the following components of the range statement of element 2 – spouting, replacing residential hardware, and replacing a glass panel up to 1 square metre in size; but must be assessed against the balance of standard 22129.

Credit Range

	Core Compulsory	Core Elective
Level 1 credits	1	3
Level 2 credits	23	-
Level 3 credits	2	-
Minimum totals	26	3

	Entry Level Strand	Advanced Level Strand	Basic Residential Property Maintenance Strand	
			Compulsory	Elective
Level 2 credits	12	51	30	2-6
Level 3 credits	-	6	-	-
Minimum totals	12	57	32	
Qualification total	41	86	61	
Qualification level	1	2	2	

Requirements for Award of Qualification

This qualification will be awarded to people credited with the core compulsory standards and who have met the requirements of the core elective section and at least one of the strands.

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 the Qualifications Authority *Rules and Procedures* publications available at www.nzqa.govt.nz/ncea/.

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.

Core Compulsory

All the standards listed are required.

Core Elective

A minimum of one of the standards listed is required.

Entry Level Strand

A minimum of 12 credits is required from the standards listed.

Advanced Level Strand

All the standards listed are required.

Basic Residential Property Maintenance (BRPM) Strand

All the standards listed are required, plus one level 2 standard from the Flooring domain.

Detailed Qualification Requirements

Core Compulsory

All the standards listed below are required.

Field Health
 Subfield Health Studies
 Domain 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

Field Planning and Construction
 Subfield Construction Trades
 Domain Elementary Construction Skills

Id	Title	Level	Credit
12927	Use basic woodworking hand tools for elementary construction work	2	4
12928	Use portable electric tools to do basic woodworking for elementary construction	2	3
12929	Use a circular saw bench and a compound mitre saw for elementary construction	2	2
12930	Select and use items of personal protective equipment for basic woodworking	2	1
12931	Identify and prepare an order for fastenings for basic woodworking in elementary construction	2	1
12932	Construct wooden garden furniture and items of basic construction equipment	2	8
12941	Prepare sketches and working drawings for elementary construction projects	2	3

Core Elective

A minimum of one of the standards listed below is required.

Field Sciences
 Subfield Mathematics
 Domain Measurement

Id	Title	Level	Credit
5228	Take measurements and use them in calculations to solve problems	1	3
5241	Use strategies to solve measurement problems	1	3
90149	Solve problems involving measurement of everyday objects	1	3

Entry Level Strand

A minimum of 12 credits from the standards listed below is required.

Field Planning and Construction
 Subfield Construction Trades
 Domain Elementary Construction Skills

Id	Title	Level	Credit
12933	Use elementary construction skills to complete minor concrete works	2	4
12935	Use elementary construction skills to erect a spaced residential timber deck	2	8
12936	Construct a non consent timber framed utility building	2	8
12937	Use elementary construction skills to erect a timber pergola	2	5
12938	Use elementary construction skills to lay paving blocks	2	4
12939	Use elementary construction skills to erect basic garden edge retaining walls	2	4
22129	Use elementary construction skills to erect and maintain a basic residential fence and gate	2	7
22130	Use elementary construction skills to carry out minor residential structural maintenance	2	8

Advanced Level Strand

All the standards listed below are required.

Field Planning and Construction
 Subfield Construction Trades
 Domain Carpentry Theory

Id	Title	Level	Credit
13001	Demonstrate knowledge of building calculations	3	4
13002	Demonstrate knowledge of timber used in construction	3	2

Field Planning and Construction
 Subfield Construction Trades
 Domain Elementary Construction Skills

Id	Title	Level	Credit
12933	Use elementary construction skills to complete minor concrete works	2	4
12935	Use elementary construction skills to erect a spaced residential timber deck	2	8
12936	Construct a non consent timber framed utility building	2	8
12937	Use elementary construction skills to erect a timber pergola	2	5
12938	Use elementary construction skills to lay paving blocks	2	4
12939	Use elementary construction skills to erect basic garden edge retaining walls	2	4

18672	Describe health and safety requirements for elementary construction projects	2	1
22129	Use elementary construction skills to erect and maintain a basic residential fence and gate	2	7
22130	Use elementary construction skills to carry out minor residential structural maintenance	2	8
22145	Handle construction materials	2	2

Basic Residential Property Maintenance Strand Compulsory

All the standards listed below are required.

Field Planning and Construction
 Subfield Construction Trades
 Domain Elementary Construction Skills

Id	Title	Level	Credit
18672	Describe health and safety requirements for elementary construction projects	2	1
21972	Carry out minor residential non-structural maintenance	2	8
21973	Perform minor residential grounds maintenance	2	6
22129	Use elementary construction skills to erect and maintain a basic residential fence and gate	2	7
22130	Use elementary construction skills to carry out minor residential structural maintenance	2	8

Basic Residential Property Maintenance Strand Elective

One standard at level 2 is required from the following domain.

Field	Subfield	Domain
Planning and Construction	Construction Trades	Flooring

Transition Arrangements

Version 3

Version 3 was issued following review in order to update content and to include a strand, covering Basic Residential Property Maintenance (BRPM), as requested by industry. The BRPM strand is designed to give a good basic grounding in property maintenance, and can lead onto a higher-level carpentry qualification.

Changes to structure and content

- Standards 12934 and 12940 removed from, and standards 22129 and 22130 added to, the Entry Level and Advanced Level strands. A special note has been added to the qualification regarding assessment against the new standards.
- Standard 22145 added to the Advanced Level strand.
- Advanced Level strand credit total increased from 78 to 86.
- BRPM strand added, and title updated to reflect the change.

People currently working towards Version 2 of this qualification may choose to complete the requirements for that version or transfer their results to Version 3.

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

Previous versions of the qualification

Version 2 was issued in March 2002 following review. It was tiered in two strands to satisfy the demand by providers who wanted to offer either the Advanced Level strand or the more limited range of standards in the Entry Level strand.

Version 1 was registered in June 2000.

NQF Registration Information

Process	Version	Date	Last Date for Award
Registration	1	June 2000	31 December 2004
Review	2	March 2002	31 December 2008
Review	3	May 2006	N/A

Standard Setting Body

Building and Construction Industry Training Organisation
PO Box 2615
WELLINGTON

Telephone (04) 381 6430
Email national.office@bcito.org.nz

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

The review of this qualification is planned to take place in August 2007.

Other standard setting bodies whose standards are included in the qualification

NZQA
Ministry of Education

Certification

The certificate will display the logos of the Qualifications Authority and the provider.

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
1559	Planning and Construction/Construction Trades/Elementary Construction Skills	040311	Architecture and Building/Building/Carpentry and Joinery

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.

Prerequisite Diagram