

## National Certificate in Solid Wood Processing (Level 2)

<b>Level</b>	<b>2</b>
<b>Credits</b>	<b>60</b>

This qualification is **expiring**. The last date to meet the requirements is 31 December 2011.

### Purpose

The National Certificate in Solid Wood Processing (Level 2) [Ref: 0807] is one in a series of certificates designed for those who work or would like to work in the solid wood processing industry. All National Certificates in Solid Wood Processing share core competencies required of all jobholders within the industry.

This qualification recognises the entry-level skills needed to work in the solid wood processing industry. The elective sections are designed to allow flexibility in a range of workplace skills and knowledge and this reflects the large diversity in the solid wood processing industry.

Credits gained in achieving this qualification can be used towards meeting the requirements of the National Certificate in Solid Wood Processing (Level 3) [Ref: 0808] and the National Certificate in Solid Wood Processing (Level 4) with strands in Sawmilling, Timber Grading, Timber Yarding, Wood Drying, and Wood Preservation [Ref: 0809].

### Replacement Information

This qualification, the National Certificate in Pulp and Paper Manufacturing (Level 2) [Ref: 0237], the National Certificate in Wood Panels Manufacturing (Level 2) [Ref: 0433], and the National Certificate in Wood Product Manufacturing (Level 2) [Ref: 0814] have been replaced by the National Certificate in Wood Manufacturing Foundation Skills (Level 2) with strands in Pulp and Paper Manufacturing, Solid Wood Manufacturing, Sliced Veneer Operations, Technical Awareness, Wood Handling and Distribution, Wood Panel Manufacturing, and Wood Product Manufacturing [Ref: 1305].

### Credit Range

	<b>Compulsory</b>	<b>Elective 1</b>	<b>Elective 2</b>
Level 1 credits	11	0-9	0-9
Level 2 or above credits	13	16-36	0-11
Minimum totals	24	25	11

## Requirements for Award of Qualification

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

- A minimum of 60 credits
  - Of which a minimum of 40 credits at Level 2 or above
- Compulsory standards
- Elective 1 – A minimum of 25 credits as specified
- Elective 2 – Balance if required

### 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

### Compulsory

The following standards are required

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

Id	Title	Level	Credit
497	Protect health and safety in the workplace	1	1

Humanities > Communication Skills > Interpersonal Communications

Id	Title	Level	Credit
9677	Participate in groups and/or teams to gather ideas and information	2	3

Manufacturing > Wood Processing Technology > Wood Technology

Id	Title	Level	Credit
159	Demonstrate knowledge of environmental issues for the solid wood processing industry	1	3
736	Demonstrate knowledge of tree growth and physical characteristics of wood	1	4
9774	Demonstrate knowledge of timber grading	2	5
17971	Demonstrate knowledge of the solid wood processing industry	2	5

## Sciences &gt; Mathematics &gt; Measurement

Id	Title	Level	Credit
8492	Use standard units of measurement	1	3

**Elective 1**

A minimum of 25 credits

## Agriculture, Forestry and Fisheries &gt; Forestry &gt; Chainsaw Operating

Id	Title	Level	Credit
43	Maintain a chainsaw	3	5
6916	Demonstrate knowledge of the Code of Practice relating to chainsaw use	2	5
6917	Operate a chainsaw	3	5

## Manufacturing &gt; Solid Wood Processing &gt; Sawmilling

Id	Title	Level	Credit
164	Tally timber	2	2
165	Handle, sort and stack timber	1	2
166	Confirm log grades	2	4
8005	Operate a mechanical timber handling system	2	2
17961	Tally random width timber	2	2

## Manufacturing &gt; Solid Wood Processing &gt; Wood Drying

Id	Title	Level	Credit
143	Fillet timber for air or kiln drying	2	2
15776	Block stack timber	1	2
16243	Explain principles of air drying timber and round wood	2	3

## Manufacturing &gt; Wood Processing Technology &gt; Wood Product Manufacturing

Id	Title	Level	Credit
15055	Demonstrate knowledge of the principles of finger-jointing in wood product manufacturing	2	5
15056	Demonstrate knowledge of laminating in wood product manufacturing	2	5

Field	Subfield	Domain
Manufacturing	Wood Processing Technology	Wood Technology

**Elective 2**

The balance of credits to achieve a minimum of 60 credits

- Of which a minimum of 40 credits at Level 2 or above may come from the following

## Agriculture, Forestry and Fisheries &gt; Forestry &gt; Chainsaw Operating

<b>Id</b>	<b>Title</b>	<b>Level</b>	<b>Credit</b>
43	Maintain a chainsaw	3	5
6916	Demonstrate knowledge of the Code of Practice relating to chainsaw use	2	5
6917	Operate a chainsaw	3	5

## Agriculture, Forestry and Fisheries &gt; Forestry &gt; Forestry Knowledge

<b>Id</b>	<b>Title</b>	<b>Level</b>	<b>Credit</b>
13108	Describe effects of hydration and nutrition on safety, health and performance of forestry workers	2	4
13109	Demonstrate knowledge of factors which impair the performance of forestry workers	2	4

## Manufacturing &gt; Solid Wood Processing &gt; Sawmilling

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165	Handle, sort and stack timber	1	2
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8005	Operate a mechanical timber handling system	2	2
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15055	Demonstrate knowledge of the principles of finger-jointing in wood product manufacturing	2	5
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Field	Subfield	Domain
Business	Business Administration	Business Information Processing
Community and Social Services	Community and Workplace Fire and Emergency Management	Workplace Fire and Emergency Response
Computing and Information Technology	Computing	Generic Computing
Core Generic	Core Generic	Self-Management
		Work and Study Skills
Engineering and Technology	Electrical Engineering	Core Electrical
	Mechanical Engineering	Engineering Core Skills
Health	Health Studies	Core Health
	Occupational Health and Safety	Occupational Health and Safety Practice Workplace Health and Safety Management
Humanities	Communication Skills	Interpersonal Communications
		Reading
		Writing
	Languages	English for Speakers of Other Languages
Manufacturing	Manufacturing Skills	Manufacturing Processes
		Total Productive Manufacturing
	Pulp and Paper Manufacturing	Pulp and Paper Technology
Wood Processing Technology	Wood Technology	
Sciences	Mathematics	Any
Service Sector	Driving	Driver Licence Endorsements
	Lifting Equipment	Powered Industrial Lift Trucks

## Transition Arrangements

### Version 5

Version 5 was issued to indicate that this qualification is expiring.

This qualification, the National Certificate in Pulp and Paper Manufacturing (Level 2) [Ref: 0237], the National Certificate in Wood Panels Manufacturing (Level 2) [Ref: 0433], and the National Certificate in Wood Product Manufacturing (Level 2) [Ref: 0814] have been replaced by the National Certificate in Wood Manufacturing Foundation Skills (Level 2) with strands in Pulp and Paper Manufacturing, Solid Wood Manufacturing, Sliced Veneer Operations, Technical Awareness, Wood Handling and Distribution, Wood Panel Manufacturing, and Wood Product Manufacturing [Ref: 1305].

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

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 exemption table below.

Credit for	Exempt from
13	6916, 6917
1300	9677
15778	17971

### Previous versions of the qualification

Version 4 was issued following a revision in order to add Forestry Knowledge standards 13108 and 13109 to Elective 2.

Version 3 was issued following a revision to take account of changes to endorsement F driver licensing regulations and the expiry of standards 16770 and 16771. The domain of Powered Industrial Lift Trucks was included in Elective 2. The revision also included the addition of the Total Productive Manufacturing, and Pulp and Paper Technology domains in Elective 2.

Version 2 was issued in order to include all the domains in the Mathematics subfield.

Version 1 and the National Certificate in Solid Wood Processing (Level 3) [Ref: 0808] replaced the National Certificate in Solid Wood Processing with strands in Introductory Skills and Log Preparation [Ref: 0361].

## NQF Registration Information

Process	Version	Date	Last Date for Assessment
Registration	1	January 2001	December 2003
Revision	2	March 2001	December 2003
Revision	3	November 2002	December 2011
Revision	4	February 2005	December 2011
Review	5	July 2007	December 2011

### Standard Setting Body

Forest Industries Training and Education Council (FITEC)  
 PO Box 137067  
 PARNELL  
 Auckland

Telephone 09 356 7250  
 Email [feedback@fitec.org.nz](mailto:feedback@fitec.org.nz)

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

New Zealand Industry Training Organisation  
 NZQA

The involvement of other standard setting bodies depends on the electives undertaken.

### Certification

The certificate will display the logos of NZQA and FITEC.

### 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
340	Manufacturing > Solid Wood Processing	050502	Agriculture, Environmental and Related Studies > Forestry Studies > Solid Wood Processing

**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

