

National Certificate in Wood Panels Manufacturing (Level 2)

Level	2
Credits	60

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

Purpose

This is an introductory qualification for people to develop the necessary knowledge and skills for operating plant in a particular area of the wood panels manufacturing process. The compulsory section of the qualification is designed to provide a grounding in the principles of wood panel manufacturing, along with communication, numeracy and workplace safety skills, as the basis for further training within the Wood Panels industry. The electives can be used to develop further skills and knowledge appropriate to the wood panels sector of industry.

The qualification shares common standards with, and is designed to lead to, the National Certificate in Wood Panels Manufacturing (Level 4) [Ref: 0254].

Replacement Information

This qualification, the National Certificate in Pulp and Paper Manufacturing (Level 2) [Ref: 0237], the National Certificate in Solid Wood Processing (Level 2) [Ref: 0807], and the National Certificate in Wood Product Manufacturing (Level 2) [Ref: 0814] have been replaced by the National Certificate in Wood Manufacturing Foundation Skills (Level 2) with strands in Pulp and Paper Manufacturing, Solid Wood Manufacturing, Sliced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].

Special Notes

Candidates for this qualification wishing to gain credit for Unit 702, *Stack and package wood panels*, or Unit 10851, *Operate a powered industrial lift truck fitted with forks (forklift)*, must hold a recognised fork lift safety certificate, and if driving registered forklifts on public roads, hold the necessary Police issued licence.

Credit Range

	Compulsory	Elective List A	Elective List B
Level 1 credits	10	-	0-10
Level 2 credits	13	0-36	0-16
Level 3 credits	1	0-36	0-16
Level 4 or above credits	-	0-36	0-16
Minimum totals	24	20	16

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 List A – A minimum of 20 credits as specified
- Elective List B – 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

Community and Social Services > Community and Workplace Fire and Emergency Management > Workplace Fire and Emergency Response

Id	Title	Level	Credit
3271	Suppress fire with hand extinguishers and fixed hose reels	3	1

Humanities > Communication Skills > Interpersonal Communications

Id	Title	Level	Credit
1277	Communicate information in a specified workplace	2	3
9677	Participate in groups and/or teams to gather ideas and information	2	3

Manufacturing > Wood Panels Manufacturing > Wood Panel Manufacturing Skills

Id	Title	Level	Credit
691	Demonstrate knowledge of the wood panels industry	1	5
692	Demonstrate knowledge of wood panel products	2	5
693	Demonstrate knowledge of basic wood structure for wood panels manufacturing	2	2
2443	Maintain personal safety in wood panels manufacturing plants	1	2

Sciences > Mathematics > Measurement

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

Elective List A

A minimum of 20 credits at Level 2 or above

Manufacturing > Solid Wood Processing > Saw Doctoring

Id	Title	Level	Credit
662	Maintain knives and anvils for chipping machines	2	3

Manufacturing > Solid Wood Processing > Sawmilling

Id	Title	Level	Credit
134	Operate a debarker	3	4
135	Operate a cross-cut saw	3	3
166	Confirm log grades	2	4
740	Operate a wood chipper	3	3
15769	Resaw timber for width and/or thickness	3	4

Manufacturing > Solid Wood Processing > Timber Machining

Id	Title	Level	Credit
675	Set up a timber planer for dress four sides	3	7
678	Feed and tail out planer	3	7
679	Profile-sand timber	3	10
680	Make pressure pads for timber planers or sanders	3	3
685	Grind and hone straight cutters in-head	3	3
689	Set cutters into cutterheads	3	7
8010	Set machines using computer aided setting systems	4	4

Manufacturing > Wood Processing Technology > Wood Product Manufacturing

Id	Title	Level	Credit
17963	Use and maintain hand and portable power tools in a wood product manufacturing plant	3	5

Manufacturing > Wood Processing Technology > Wood Technology

Id	Title	Level	Credit
155	Demonstrate knowledge of the characteristics of wood	2	5

Service Sector > Retail, Distribution, and Sales > Distribution

Id	Title	Level	Credit
11982	Pick and assemble goods using a computerised inventory management system	2	2
11984	Maintain quality of individual goods in a distribution facility	3	3
19582	Receive inwards goods in a distribution facility	3	4

Service Sector > Retail, Distribution, and Sales > Retail and Distribution Management

Id	Title	Level	Credit
11965	Plan and manage a stocktake in a retail or distribution environment	4	5
11997	Maintain operational procedures in a distribution facility	4	5

Service Sector > Retail, Distribution, and Sales > Stock Control

Id	Title	Level	Credit
11963	Dispatch goods in a retail or distribution environment	2	4

Field	Subfield	Domain
Manufacturing	Wood Panels Manufacturing	Hardboard and Insulating Board Manufacturing
		Laminated Veneer Lumber and Plywood Manufacturing
		Medium Density Fibreboard Manufacturing
		Overlay Bonding
		Particle Board Manufacturing
		Veneer Manufacturing
		Wood Panel Manufacturing Skills
Service Sector	Driving	Driver Licence Endorsements
	Lifting Equipment	Powered Industrial Lift Trucks

Elective List B

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 > Forestry > Forestry Knowledge

Id	Title	Level	Credit
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

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

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

Manufacturing > Energy and Chemical Plant > Monitoring of Energy and Chemical Plant

Id	Title	Level	Credit
3058	Perform gas tests in an energy and chemical environment	4	5

Manufacturing > Wood Processing Technology > Wood Technology

Id	Title	Level	Credit
159	Demonstrate knowledge of environmental issues for the solid wood processing industry	1	3

Field	Subfield	Domain
Computing and Information Technology	Computing	Generic Computing
Core Generic	Core Generic	Self-Management
		Work and Study Skills
Engineering and Technology	Mechanical Engineering	Engineering Core Skills
		Maintenance and Diagnostics in Mechanical Engineering
Health	Health Studies	Core Health
Humanities	Communication Skills	Interpersonal Communications
		Writing
	Languages	English for Speakers of Other Languages

Field	Subfield	Domain
Manufacturing	Manufacturing Skills	Manufacturing Processes
		Total Productive Manufacturing
Planning and Construction	Construction Trades	Pulp and Paper Manufacturing
		Pulp and Paper Technology
Sciences	Mathematics	Carpentry
		Carpentry Theory
Service Sector	Cranes	Measurement
		Number
		Crane Operation

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 Solid Wood Processing (Level 2) [Ref: 0807], 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
12007	19582

Standards in the Carpentry Skills domain have been reclassified. Credit for standards classified under this domain can be used to meet the credit requirements for Elective B in this qualification.

Previous versions of the qualification

Version 4 was issued in order to include additional standards in Health and Safety and Environmental Management. Standards 159, 3058, 13108, and 13109 included in Elective List B.

Version 3 was issued to take account of changes to endorsement F driver licensing regulations and the expiry of standards 16770 and 16771. The revision also took account of classification changes as a result of the review of Construction Trades standards and the review of Storekeeping and Warehousing standards. Changes to structure and content included standards 10851 and 10852 no longer specified as they were included in of Powered Industrial Lift Trucks domain added to Elective List A; standard 17965 added to Elective List A; domains of Total Productive Manufacturing, and Pulp and Paper Technology added to Elective List B; domains of Carpentry, and Carpentry Theory replaced Carpentry Skills in Elective List B; and reviewed Storekeeping and Warehousing standards updated and standard 12007 replaced by standard 19582.

Version 2 was issued to reflect the changes resulting from the reviews of Core Generic, Communication Skills, Solid Wood Processing, and Wood Panels Manufacturing standards, and in order to increase the flexibility of the qualification structure.

NQF Registration Information

Process	Version	Date	Last Date for Assessment
Registration	1	March 1998	December 2000
Revision	2	October 1999	December 2003
Revision	3	November 2002	December 2004
Revision	4	July 2003	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

Other standard setting bodies whose standards are included in the qualification

Fire and Rescue Services 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

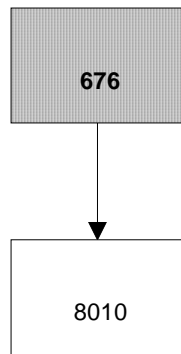
This qualification is classified according to the NQT classification system and the New Zealand Standard Classification of Education (NZSCED) system as specified below.

NQT Classification		NZSCED	
Code	Description	Code	Description
259	Manufacturing > Wood Panels Manufacturing	030304	Engineering and Related Technologies > Process and Resources Engineering > Wood Based Manufacturing

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



Level 4 -----

Key:

 Unit standards not specified in this qualification