

## National Certificate in Pulp and Paper Manufacturing (Level 2)

**Level** 2

**Credits** 60

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

### Purpose

This National Certificate in Pulp and Paper Manufacturing (Level 2) [Ref: 0237] is designed to recognise the successful completion of an introduction to the pulp and paper industry. This qualification provides the foundation for people to progress to national certificates in pulp and paper manufacturing at levels 3 and 4.

The compulsory component of the qualification recognises the acquisition of basic skills required to contribute in a workplace, and of the knowledge of quality systems, manufacturing processes and the environment in terms of the pulp and paper industry. The elective section provides recognition for specific pulp and paper industry skills; provides scope for the acquisition of a range of manufacturing specific and generic industry skills; and also covers areas such as workplace safety, distribution, business administration, and communications.

### Replacement Information

This qualification, the National Certificate in Wood Panels Manufacturing (Level 2) [Ref: 0433], 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Processing (Level 2) [Ref: 0807], and the National Certificate in Wood Product Manufacturing (Level 2) [Ref: 0814] have been replaced by the National Certificate in Wood Manufacturing Foundation Skills (Level 2) with strands in Pulp and Paper Manufacturing, Solid Wood Manufacturing, Sliced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].

### Credit Range

	<b>Compulsory</b>	<b>Elective List A</b>	<b>Elective List B</b>
Level 1 credits	-	0-10	0-9
Level 2 credits or above	31	0-10	10-19
Minimum totals	31	10	19

### Requirements for Award of Qualification

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

- Compulsory standards
- Elective List A – A minimum of 10 credits as specified
- Elective List B – A minimum of 19 credits as specified

**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

## Core Generic &gt; Core Generic &gt; Work and Study Skills

Id	Title	Level	Credit
1979	Describe the employment relationship, and the application of employment law to that relationship	2	3

## Engineering and Technology &gt; Electrical Engineering &gt; Core Electrical

Id	Title	Level	Credit
15848	Demonstrate knowledge of safeguards for use with portable electrical appliances	2	2

## Humanities &gt; Communication Skills &gt; 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 &gt; Pulp and Paper Manufacturing &gt; Pulp and Paper Technology

Id	Title	Level	Credit
5634	Demonstrate knowledge of workplace health and safety in the pulp and paper industry	2	2
5637	Demonstrate knowledge of the environment and pulp and papermaking	2	3
5638	Demonstrate knowledge of principles of quality systems in the pulp and paper industry	2	5
17858	Demonstrate knowledge of manufacturing processes involved in pulp and paper manufacturing	2	10

**Elective List A**

A minimum of 10 credits

Field	Subfield	Domain
Manufacturing	Pulp and Paper Manufacturing	Pulp and Paper Technology

**Elective List B**

A minimum of 19 credits

- Of which a minimum of 10 credits at Level 2 or above

Field	Subfield	Domain
Agriculture, Forestry and Fisheries	Forestry	Any
Business	Accounting	Any
	Business Administration	Any
	Marketing	Any
Community and Social Services	Community and Workplace Fire and Emergency Management	Workplace Fire and Emergency Response
	Fire and Rescue Services	Fire and Rescue Services - Generic Fire Fighting
Computing and Information Technology	Computing	Any
Core Generic	Core Generic	Any
Education	Adult Education and Training	Any
	Generic Education and Training	Assessment of Learning
Engineering and Technology	Electrical Engineering	Any
	Mechanical Engineering	Any
Health	Health Studies	Core Health
	Occupational Health and Safety	Any
Humanities	Communication Skills	Any
Manufacturing	Energy and Chemical Plant	Any
	Manufacturing Skills	Total Productive Manufacturing
	Pulp and Paper Manufacturing	Any
	Solid Wood Processing	Any
	Supply Chain Management	Materials Management
	Wood Panels Manufacturing	Any
	Wood Processing Technology	Wood Technology
Sciences	Mathematics	Any
	Science	Any

Field	Subfield	Domain	
Service Sector	Cranes	Any	
	Driving	Driver Licence Endorsements	
	Lifting Equipment	Powered Industrial Lift Trucks	
	Retail, Distribution, and Sales	Distribution	
		Retail and Distribution Core Skills	
		Stock Control	

## Transition Arrangements

### Version 5

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

This qualification, the National Certificate in Wood Panels Manufacturing (Level 2) [Ref: 0433], 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
1183	15848
5635	17858

Standards in the Storekeeping and Warehousing subfield were reclassified. Credit for standards classified under this subfield can be used to meet the credit requirements for Elective B in this qualification.

## Previous versions of the qualification

Version 4 was issued in following a revision to take account of changes to endorsement F driver licensing regulations and the expiry of standards 16770 and 16771. The revision also included the addition of the Total Productive Manufacturing domain in the elective, and took account of classification changes as a result of the review of Storekeeping and Warehousing standards. The domains of Powered Industrial Lift Trucks; Total Productive Manufacturing; Distribution; Retail and Distribution Core Skills; and Stock Control were added to Elective B.

Version 3 was issued following a review. New domains were added to the elective; and the qualification was updated to take account of the impact of reviewed Core Electrical, Fire and Rescue Services, and Pulp and Paper standards.

Version 2 was issued following a review, which also took account of the impact of reviewed Core Generic, Communication Skills, and Pulp and Paper standards.

### Version 1 Non National Qualifications Framework transition

In June 1996, FITEC introduced National Certificates for the Pulp and Paper Sector of the industry based on standards at levels 1 to 5 on the National Qualifications Framework. These superseded the following Trade Certificates in Pulp and Papermaking:

Trade Certificate in Pulp and Papermaking Pulp option Paper A;  
Trade Certificate in Pulp and Papermaking Paper and Paper Board Option Paper B;  
Trade Certificate in Pulp and Papermaking Wallboard Option C.

The transition arrangements for the first and second qualifying stages of the above trade certificates expired in 1998. For further information please contact FITEC at the address below.

The Forest Industries Training and Education Council (FITEC) was responsible for informing candidates and providers of the transition arrangements.

## NQF Registration Information

Process	Version	Date	Last Date for Assessment
Registration	1	November 1996	December 1999
Review	2	April 1999	December 2003
Review	3	May 2001	December 2003
Revision	4	November 2002	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

ElectroTechnology 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
272	Manufacturing > Pulp and Paper 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.