

## National Diploma in Wood Manufacturing (Level 5)

**Level** 5

**Credits** 125

### Purpose

The National Diploma in Wood Manufacturing (Level 5) [Ref: 1067] focuses on optimisation of business and operational processes used in the wood manufacturing industries using techniques that are new to the industry in New Zealand. The qualification recognises skills and knowledge needed for employment in a technical or leadership role in the wood manufacturing industry.

Within the qualification, concepts, skills and knowledge are applied to plan an optimisation project within the wood manufacturing industry. The emphasis is on the application of these skills and knowledge to a practical industry situation.

This qualification follows on from the National Certificate in Solid Wood Processing (Level 4) with strands in Sawmilling, Timber Grading, Timber Yarding, Wood Drying, and Wood Preservation [Ref: 0809], or the National Certificate in Wood Panels Manufacturing (Level 4) [Ref: 0254], or the National Certificate in Pulp and Paper Manufacturing (Level 4) [Ref: 0239].

### Replacement Information

This qualification replaced the National Diploma in Wood Processing Technology [Ref: 0753].

### Special Notes

It is recommended that candidates already hold one of the following qualifications.

- National Certificate in Solid Wood Processing (Level 4) with one of the following strands Saw Milling, Timber Grading, Timber Yarding, Wood Drying, and Wood Preservation [Ref: 0809];
- National Certificate in Wood Panels Manufacturing (Level 4) [Ref: 0254];
- National Certificate in Pulp and Paper Manufacturing (Level 4) [Ref: 0239].

### Credit Range

Level 3 credits	4
Level 5 credits	121
Total	125

## Requirements for Award of Qualification

This qualification will be awarded to people who have met the requirements of the compulsory section of this qualification.

### 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/](http://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.

## Detailed Qualification Requirements

### Compulsory

All the standards listed below are required.

Field Business  
Subfield Management  
Domain First Line Management

Id	Title	Level	Credit
15946	Demonstrate knowledge of productivity and work study techniques	3	4

Domain Management – Systems and Resources

Id	Title	Level	Credit
9739	Explain and apply work study and design methodologies	5	7

Field Humanities  
Subfield Communication Skills  
Domain Writing

Id	Title	Level	Credit
9685	Write an analytical report	5	4

Field Manufacturing  
Subfield Wood Processing Technology  
Domain Wood Manufacturing

Id	Title	Level	Credit
20264	Calculate costs in wood manufacturing operations	5	20
20265	Develop and evaluate quality management techniques applied in wood manufacturing	5	10
20266	Explain procedures to add value to wood products	5	10

<b>Id</b>	<b>Title</b>	<b>Level</b>	<b>Credit</b>
20267	Relate operations management principles to wood manufacturing operations	5	20
20268	Analyse business management structures and processes applied in the wood manufacturing industry	5	5
20269	Develop personal leadership and coaching strategies for effective wood manufacturing teams	5	10
20270	Analyse wood manufacturing material flows and make recommendations for improved process efficiency	5	10
20272	Develop a maintenance plan for an item of plant in a wood manufacturing operation	5	5

Domain Wood Technology

<b>Id</b>	<b>Title</b>	<b>Level</b>	<b>Credit</b>
17453	Develop optimisation procedures for a wood manufacturing operation	5	20

## Transition Arrangements

This qualification replaced the National Diploma in Wood Processing Technology [Ref: 0753] that is designated expiring. Candidates wishing to complete the course requirements for that qualification have until December 2005 to do so. The last date for award of the National Diploma in Wood Processing Technology [Ref: 0753] is June 2006.

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

## NQF Registration Information

<b>Process</b>	<b>Version</b>	<b>Date</b>	<b>Last Date for Award</b>
Registration	1	December 2003	N/A

## Standard Setting Body

Forest Industries Training  
PO Box 137097  
AUCKLAND

Telephone 09 356 7250  
Email forestindustries@training.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 2007.

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

NZQA

### Certification

The certificate will display the logos of the Qualifications Authority and Forest Industries Training.

### 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
1894	Manufacturing/Wood Processing Technology/Wood 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.