

National Diploma in Wood Manufacturing (Level 5)

Level 5

Credits 125

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

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

Version 1 of 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

Award of NZQF National 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 on the New Zealand Qualifications Authority (NZQA) website: <http://www.nzqa.govt.nz/qualifications-standards/standards/standards-exclusion-list/>.

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.

Summary of Requirements

- Compulsory standards

Detailed Requirements

Compulsory

The following standards are required

Business > Management > First Line Management

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

Business > Management > Management - Systems and Resources

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

Humanities > Communication Skills > Writing

ID	Title	Level	Credit
9685	Write an analytical report	5	4

Manufacturing > Wood Processing Technology > 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
20267	Relate operations management principles to wood manufacturing operations	5	20

ID	Title	Level	Credit
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

Manufacturing > Wood Processing Technology > Wood Technology

ID	Title	Level	Credit
17453	Develop optimisation procedures for a wood manufacturing operation	5	20

Transition Arrangements

Version 2

Version 2 was issued to indicate that this qualification is expiring.

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

Previous versions of the qualification

Version 1 of 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.

NZQF National Qualification Registration Information

Process	Version	Date	Last Date for Assessment
Registration	1	December 2003	December 2011
Review	2	July 2011	December 2011

Standard Setting Body

Forest Industries Training and Education Council (FITEC)
 PO Box 137067
 Parnell
 Auckland 1151

Telephone 09 356 7250
 Email info@fitec.org.nz

Other standard setting bodies whose standards are included in the qualification

NZQA

Certification

This certificate will display the logos of NZQA, the Forest Industries Training and Education Council (FITEC) and the organisation that has been granted consent to assess against standards that meet the requirements of the qualification (accredited).

Classification

This qualification is classified according to the classification system listed on the Directory of Assessment Standards (DAS) and the New Zealand Standard Classification of Education (NZSCED) system as specified below.

DAS 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 granted consent to assess by a recognised Quality Assurance Body before they can register credits from assessment against standards. Organisation with consent to assess and Industry Training Organisations assessing against standards must engage with the moderation system that applies to those standards. Consent to assess requirements and the moderation system are outlined in the associated Consent and Moderation Requirements (CMR) for each standard.