

National Certificate in Joinery (Component Machining)

Level 4

Credits 97

Purpose

This qualification is intended for people working in the specialist area of joinery component machining.

The qualification covers the knowledge and skills related to setting, operating and maintaining joinery machines; grinding and profiling knives; and compressed air systems. The elective section enables candidates to select standards that meet their job requirements and covers different machines used in joinery component machining.

This qualification builds on the National Certificate in Joinery (Introduction) [Ref: 0385]. The standards that make up this qualification may be credited towards the National Certificate in Joinery (Craftsperson) [Ref: 0386].

Special Note

Prerequisite: the National Certificate in Joinery (Introduction) [Ref: 0385], or the demonstration of equivalent skills and knowledge.

Credit Range

	Compulsory	Elective
Level 2 credits	4	-
Level 3 credits	30	0-20
Level 4 credits	31	0-10
Level 5 credits	12	-
Minimum totals	77	20

Requirements for Award of 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 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.

Summary of Requirements

- Compulsory standards
- Elective – A minimum of 20 credits as specified

Detailed Requirements

Compulsory

The following standards are required

Manufacturing > Joinery > Joinery Machining

ID	Title	Level	Credit
8558	Operate a spindle moulder for joinery	4	12
8604	Demonstrate knowledge of routine maintenance of joinery machinery	2	4
8607	Freehand grind and profile knives for joinery	4	5
8608	Grind, profile, and balance knives for joinery	5	12
8609	Demonstrate knowledge of compressed air systems in a joinery factory	3	4
17123	Operate and maintain a thicknesser in joinery work	3	2
17125	Operate and maintain a fixed radial arm saw in joinery work	3	3
17126	Operate and maintain a dimension saw in joinery work	3	3
17127	Operate and maintain a rip saw in joinery work	3	2
17128	Operate and maintain a spindle moulder in joinery work	3	6
17133	Operate and maintain a mortiser in joinery work	4	4
17134	Operate and maintain a tenoner in joinery work	4	6
17135	Operate and maintain a bandsaw in joinery work	3	6
17136	Set up, operate, and maintain a speed sander in joinery work	4	4
17137	Operate and maintain a surface planer in joinery work	3	4

Elective

A minimum of 20 credits

Manufacturing > Joinery > Joinery Machining

ID	Title	Level	Credit
8610	Prepare and operate specialist shaping machines for joinery	4	10

ID	Title	Level	Credit
17129	Operate and maintain an edge bander in joinery work	3	2
17130	Operate and maintain a joinery edge trimmer	3	2
17131	Operate and maintain a hinging machine in joinery work	3	2
17132	Operate and maintain a dovetailer in joinery work	3	2
25161	Set and operate a Computer Numerical Controlled (CNC) machine for joinery work	3	6
25162	Set and operate a four sider to produce moulded profile and square dressed joinery items	4	10
25163	Set and operate a multi-boring machine to produce joinery items	3	6

Transition Arrangements

Version 2

Version 2 was issued following a review.

Changes to structure and content

- Credit total has increased from 91 to 97.
- The compulsory has increased from 61 credits to 77.
- The elective has decreased from 30 credits to 20.
- Standard 8604 has been added to the compulsory.
- Standards 8608 and 8609 have been moved from the elective to the compulsory.
- Standards 2548 and 17124 have been removed from the compulsory.
- Standards 25161, 25162, and 25163 have been added to the elective section.
- Standards 2226, 2229, 2233, 2236, 2238, 2244, 2246, 2250, 8605, and 10173 have been removed from the elective.
- Standard titles and credits have been updated following review.

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

People currently working towards version 1 of this qualification may either complete the requirements of that version or transfer their results to this version of the qualification.

The last date for entry to training programmes or courses for version 1 is 31 December 2009.

This qualification contains standards that are substitutes for standards previously included in the qualification. For the purposes of this qualification, people who have gained credit for the previously included standards are exempt from the requirement to gain credit for the replacement standards – see table below.

Credit for	Exempt from
2229, 2250	25161
2226, 2233	25162
2236, 2244	25163

Any candidate who feels that they have been disadvantaged by these transition arrangements should contact the Joinery Industry Training Organisation at the address given below.

NQF Registration Information

Process	Version	Date	Last Date for Assessment
Registration	1	February 2000	December 2012
Review	2	April 2009	N/A

Standard Setting Body

Joinery Industry Training Organisation
PO Box 11435
Wellington 6142

Telephone 04 385 8814
Email ceo@jito.org.nz

Planned Review

Any person or organisation may contribute to the review of this qualification by sending feedback to the standard setting body at the above address.

Next Review	2014
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Certification

This certificate will display the logos of NZQA, the Joinery Industry Training Organisation and the accredited organisation.

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
226	Manufacturing > Joinery	040311	Architecture and Building > Building > Carpentry and Joinery

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.