

National Certificate in Saw Doctoring (Level 4)

Level	4
Credits	170

Purpose

The National Certificate in Saw Doctoring (Level 4) [Ref: 0811] recognises the skills and knowledge required for the development, care and maintenance of saws in the solid wood manufacturing industry.

The qualification has a large compulsory section to ensure that qualification holders have the required knowledge and skills to bench and tension circular and bandsaws, sharpen, swage, tip, and set saws. The elective section allows the development of knowledge of sawmill operations, environmental issues, or the nature of wood as a raw material.

This qualification follows on from the National Certificate in Saw Doctoring (Saw and Tool Maintenance) (Level 3) [Ref: 0810] and may lead on to the National Diploma in Wood Manufacturing (Level 5) [Ref: 1067].

Special Notes

It is recommended that candidates hold a current first aid certificate or are credited with the first aid standards – Unit 6400, *Manage first aid in emergency situations*; Unit 6401, *Provide first aid*; and Unit 6402, *Provide resuscitation level 2*.

Credit Range

	Compulsory	Elective
Level 2 credits	-	10
Level 3 credits	55	-
Level 4 credits	105	-
Minimum totals	160	10

Requirements for Award of Qualification

This qualification will be awarded to people who have met the requirements of the National Certificate in Saw Doctoring (Saw and Tool Maintenance) (Level 3) [Ref: 0810], and who have met the following requirements.

- Compulsory standards
- Elective – A minimum of 10 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

Manufacturing > Solid Wood Manufacturing > Saw Doctoring

Id	Title	Level	Credit
652	Weld wide bandsaws	3	15
653	Bench bandsaws and frame saws	4	30
654	Bench circular saws	4	30
655	Swage and shape a saw	3	10
5844	Tip circular saw teeth and profile circular saw tips	4	25
8337	Tip saw teeth with stellite or high speed steel	4	10
15758	Sharpen bandsaws	3	10
15759	Sharpen circular saws	3	10
15762	Demonstrate knowledge of the alignment of bandsaw and circular rip saw centres	3	5
15763	Demonstrate knowledge of the grinding of bandwheels	3	5
17968	Apply advanced calculations for saw doctoring	4	10

Elective

A minimum of 10 credits

Manufacturing > Wood Manufacturing - Generic Skills > Wood Manufacturing Foundation Skills

Id	Title	Level	Credit
159	Demonstrate knowledge of environmental issues in wood manufacturing industries	2	5
160	Demonstrate knowledge of the principles of sawmilling	2	5

Id	Title	Level	Credit
736	Demonstrate knowledge of tree growth and physical characteristics of wood	2	5

Transition Arrangements

Version 2

This qualification was reviewed and issued as version 2 in July 2007 to take into account the changes recommended by the industry advisory panel following a review of the standards in the Saw Doctoring domain.

Changes to structure and content

- decrease in credits from 180 to 170
- standard 8337 was added to the compulsory section
- broad Elective 2 was removed.

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

People currently working towards version 1 of the National Certificate in Saw Doctoring (Level 4) [Ref: 0811] may complete that version or transfer to version 2. People choosing to complete version 1 of the qualification have until 31 December 2011 to do so. The last date for entry to training programmes or courses for version 1 is December 2008.

It is anticipated that no existing trainees will be disadvantaged by these transition arrangements. Any person who feels they have been disadvantaged by these transition arrangements should contact FITEC who will consider appeals on a case by case basis.

Previous versions of the qualification

Version 1 of this qualification and the National Certificate in Saw Doctoring (Saw and Tool Maintenance) [Ref: 0810], replaced the National Certificate in Solid Wood Processing (Saw Doctoring) [Ref: 0359].

NQF Registration Information

Process	Version	Date	Last Date for Assessment
Registration	1	January 2001	December 2011
Review	2	July 2007	N/A

Standard Setting Body

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

Telephone 09 356 7250
 Email feedback@fitec.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	2012
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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
2016	Manufacturing > Solid Wood Manufacturing > Saw Doctoring	030705	Engineering and Related Technologies > Mechanical and Industrial Engineering and Technology > Toolmaking

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.