

FIELD MANUFACTURING

Review of *Solid Wood Manufacturing, Wood Fibre Manufacturing, Wood Handling and Distribution, and Wood Manufacturing - Generic Skills* qualifications

- **National Certificate in Wood Manufacturing - Generic Skills (Workplace Safety and Operations) (Level 2) [Ref: 1304]**
- **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]**
- **National Certificate in Solid Wood Manufacturing (Level 3) with strands in Engineered Wood Product Operations; Laminated Veneer Lumber (LVL) and Plywood Operations; Planer Operations; Pole and Post Operations; Saw Centre Operations; Timber Drying Operations; Timber Grading Operations; Timber Treatment Operations; Veneer Preparation; and Wood Product Operations [Ref: 1306]**
- **National Certificate in Solid Wood Manufacturing (Advanced) with strands in Laminated Veneer Lumber (LVL) and Plywood Manufacturing; Sawmilling; Timber Drying; Timber Grading; and Timber Treatment [Ref: 1307]**
- **National Certificate in Wood Handling and Distribution (Level 3) with strands in Log Yard and Wood Preparation; and Timber Yarding and Despatch [Ref: 1308]**
- **National Certificate in Wood Fibre Manufacturing (Level 3) with strands in Composite Panel Preparation; Composite Panel Forming and Pressing; Composite Panel Finishing; Mechanical Pulping Operations; Pulp and Paper Dry End Operations; and Pulp and Paper Wet End Operations [Ref: 1309]**
- **National Certificate in Wood Fibre Manufacturing (Advanced) (Level 4) with strands in Composite Panel Manufacturing, Paper Making, and Mechanical Pulp Making [Ref: 1310]**
- **National Certificate in Solid Wood Manufacturing (Advanced Technical Plant Operations) (Level 5) [Ref: 1312]**

The Forest Industries Training and Education Council (FITEC) have completed the review of the qualifications listed above.

Date new versions published

May 2009

The next qualification review is planned to take place during 2012.

Summary of review and consultation process

Changes were made to the qualifications listed above as a result of the development and review of standards during 2008. These standards were reviewed and developed at the request of industry following the large review of the Wood Manufacturing standards and qualifications that took place between 2005 and 2007. The changes have been made as a result of feedback collected after the release of the new qualifications and standards in 2007.

Main changes resulting from the review

National Certificate in Wood Manufacturing - Generic Skills (Workplace Safety and Operations) (Level 2) [Ref: 1304]

Review category	B	See Key to Qualification Review Categories at the end of report
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Changes to structure and content

- Details of reviewed standards have been updated.
- Standard 20645 has been added to Elective 2.
- Standard 15164 has been substituted by standard 24089.

Transition

People working towards version 1 of this qualification may either complete the requirements for that version or transfer their results to version 2. Candidates working towards version 1 of this qualification who have not gained credit for expired standard 15164 must transfer to version 2.

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 table below.

Credit for	Exempt from
2824	21911, 21912
3062, 3063	21467
15164	24089
21756	22977

While the exemption from standard 24089 for standard 15164 is valid for the purposes of completing this qualification, it should be noted that if a candidate does not already hold a Class 2 or 5 driver licence, they will need to complete standard 24089 in order to satisfy current NZ Transport Agency requirements for those licences.

This qualification contains classifications that replace earlier classifications. For the purposes of this qualification, people who have gained credit for standards in the expired classifications may continue to use those credits to meet the qualification requirements.

Standards from	Are treated as Standards from
Manufacturing > Pulp and Paper Manufacturing > Paper Making	Manufacturing > Wood Fibre Manufacturing > Paper Making
Manufacturing > Pulp and Paper Manufacturing > Pulp and Paper Manufacturing Skills	Manufacturing > Wood Fibre Manufacturing > Pulp and Paper Manufacturing Skills
Manufacturing > Pulp and Paper Manufacturing > Pulp and Paper Technology	Manufacturing > Wood Fibre Manufacturing > Pulp and Paper Technology
Manufacturing > Pulp and Paper	Manufacturing > Wood Fibre

Standards from	Are treated as Standards from
Manufacturing > Pulp Making	Manufacturing > Pulp Making
Manufacturing > Solid Wood Processing > Sawmilling	Manufacturing > Solid Wood Manufacturing > Sawmilling
Manufacturing > Solid Wood Processing > Timber Grading	Manufacturing > Solid Wood Manufacturing > Timber Grading
Manufacturing > Solid Wood Processing > Timber Machining	Manufacturing > Solid Wood Manufacturing > Timber Machining
Manufacturing > Solid Wood Processing > Wood Drying	Manufacturing > Solid Wood Manufacturing > Timber Drying and Treatment
Manufacturing > Solid Wood Processing > Wood Preservation	Manufacturing > Solid Wood Manufacturing > Timber Drying and Treatment
Manufacturing > Wood Panels Manufacturing > Composite Wood Panel Manufacturing	Manufacturing > Wood Fibre Manufacturing > Composite Wood Panel Manufacturing
Manufacturing > Wood Panels Manufacturing > Laminated Veneer Lumber and Plywood Manufacturing	Manufacturing > Solid Wood Manufacturing > Laminated Veneer Lumber and Plywood Manufacturing
Manufacturing > Wood Panels Manufacturing > Wood Panel Manufacturing Skills	Manufacturing > Wood Manufacturing - Generic Skills > Wood Panel Manufacturing Skills
Manufacturing > Wood Processing Technology > Wood Product Manufacturing	Manufacturing > Solid Wood Manufacturing > Wood Product Manufacturing Skills

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]

Review category	B	See Key to Qualification Review Categories at the end of report
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Changes to structure and content

- Details of reviewed standards have been updated.
- Standard 21498 has been removed from, and standard 24607 added to, the Solid Wood Manufacturing Strand Elective 2.
- Standard 21483 has been added to the Wood Panel Manufacturing Strand Elective.
- Standard 21498 has been removed from, and standards 21483 and 24607 have been added to, the Wood Product Manufacturing Strand Elective 2.
- A Balance set has been added to clarify the structure of the Wood Handling and Distribution Strand.

Transition

People currently working towards version 1 of this qualification may either complete the requirements for that version or transfer their results to version 2. The last date for entry to training programmes or courses for version 1 is December 2009.

This qualification contains standards that replace or have been substituted for earlier

standards. For the purposes of this qualification people who have gained credit for the earlier standards are exempt from the requirement to gain credit for the replacement or substitute standards – see table below.

Credit for	Exempt from
135	20751
691, 692	21482
3593, 10835	21498
4550	20751
4556	21459
12901, 12902	23075
16297, 16298	21462
21756	22977

National Certificate in Solid Wood Manufacturing (Level 3) with strands in Engineered Wood Product Operations; Laminated Veneer Lumber (LVL) and Plywood Operations; Planer Operations; Pole and Post Operations; Saw Centre Operations; Timber Drying Operations; Timber Grading Operations; Timber Treatment Operations; Veneer Preparation; and Wood Product Operations [Ref: 1306]

National Certificate in Solid Wood Manufacturing (Level 3) with strands in Engineered Wood Product Operations, Laminated Veneer Lumber (LVL) and Plywood Operations, Planer Operations, Pole and Post Operations, Saw Centre Operations, Timber Drying Operations, Timber Grading Operations, Timber Treatment Operations, Veneer Preparation, Wood Product Operations, and Wood Process Operations [Ref: 1306]

Review category	B	See Key to Qualification Review Categories at the end of report
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Changes to structure and content

- Details of reviewed standards have been updated.
- Standard 697 has been removed from, and standard 24604 has been added to, the Laminated Veneer Lumber (LVL) and Plywood Operations Strand.
- A balance section has replaced Elective 2 in the Pole and Post Operations Strand.
- Standard 24777 has been added to Elective 2 of the Saw Centre Operations Strand.
- Standard 24605 has been added to Elective 1 and a balance section has been added to the Timber Grading Operations Strand.
- Standard 23158 has been added to the Veneer Preparation Strand Elective.
- Standard 24607 has been added to, and standard 5703 has been removed from, the Wood Product Operations Strand Elective.
- The Wood Process Operations Strand has been added to the qualification.

Transition

People working towards version 1 of this qualification may either complete the requirements for that version or transfer their results to version 2. The last date for entry to training programmes or courses for version 1 is December 2009.

This qualification contains standards that replace or have been substituted for earlier standards. For the purposes of this qualification people who have gained credit for the earlier standards are exempt from the requirement to gain credit for the replacement or substitute standards – see table below.

Credit for	Exempt from
135	20751
142	21758
161	15774
694	23158
3059	21452
3062, 3063	21467
4550	20751
4552	20752
15057	21764
15062	20752
15768	20752
16296	21460
17045	21765

National Certificate in Solid Wood Manufacturing (Advanced) with strands in Laminated Veneer Lumber (LVL) and Plywood Manufacturing, Sawmilling, Timber Drying, Timber Grading, and Timber Treatment [Ref: 1307]

Review category	B	See Key to Qualification Review Categories at the end of report
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Changes to structure and content

- The credit value of standard 20756 has been updated from 10 to 15.
- The elective rule in the Timber Grading Strand has been amended from 30 credits to 25 credits.

Transition

People working towards version 1 of this qualification may either complete the requirements for that version or transfer their results to version 2. The last date for entry to training programmes or courses for version 1 is December 2009.

This qualification contains standards that replace or have been substituted for 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 or substitute standards – see table below.

Credit for	Exempt from
140	15770, 15771
706	16247
3043	21457

National Certificate in Wood Handling and Distribution (Level 3) with strands in Log Yard and Wood Preparation, and Timber Yarding and Despatch [Ref: 1308]

Review category	B	See Key to Qualification Review Categories at the end of report
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Changes to structure and content

- Details of reviewed standards have been updated.
- A requirement to gain 12 credits at level 3 or above has been added to the Timber Yarding and Despatch Strand.
- Standard 21498 has been removed from, and standards 22988 and 24607 added to, the Timber Yarding and Despatch Strand.
- Standard 24776 has been added to both strands of the qualification.

Transition

People working towards version 1 of this qualification may either complete the requirements for that version or transfer their results to this version. The last date for entry to training programmes or courses for the replaced qualification is December 2009.

This qualification contains standards that replace or have been substituted for earlier standards. For the purposes of this qualification people who have gained credit for the earlier standards are exempt from the requirement to gain credit for the replacement or substitute standards – see table below.

Credit for	Exempt from
3062, 3063	21467
3593, 10835	24607

National Certificate in Wood Fibre Manufacturing (Level 3) with strands in Composite Panel Preparation; Composite Panel Forming and Pressing; Composite Panel Finishing; Mechanical Pulping Operations; Pulp and Paper Dry End Operations; and Pulp and Paper Wet End Operations [Ref: 1309]

National Certificate in Wood Fibre Manufacturing (Level 3) with strands in Composite Panel Preparation, Composite Panel Forming and Pressing, Composite Panel Finishing, Mechanical Pulping Operations, Pulp and Paper Dry End Operations, Pulp and Paper Wet End Operations, and Overlay Bonding Operations [Ref: 1309]

Review category	B	See Key to Qualification Review Categories at the end of report
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Changes to structure and content

- Details of reviewed standards have been updated.
- The Overlay Bonding Operations Strand has been added to the qualification structure.

- Standards 3054 and 3060 have been added to, and standard 21484 removed from, the Mechanical Pulping Operations Strand Elective.
- Standard 17869 has been added to the Pulp and Paper Dry End Operations Strand 1. The compulsory section has been changed to become Elective 1.
- Standard 17861 has been added to Elective 1, and standard 21484 has been added to Elective 2, in the Pulp and Paper Wet End Operations Strand. The credit minimum for Elective 2 of this strand has been reduced from 30 to 20 credits.
- Standard 23438 has been removed from the Composite Panel Forming and Pressing Strand Elective.

Transition

People working towards version 1 of this qualification may either complete the requirements for that version or transfer their results to version 2. The last date for entry to training programmes or courses for version 1 is December 2009.

This qualification contains standards that replace or have been substituted for 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 table below.

Credit for	Exempt from
135	20751
3062, 3063	21467
3521	21490
3522	21491
3545	21484
3546	21484
3556	21486
3565	21485
3593, 10835	21498
4550	20751
15828	21486

National Certificate in Wood Fibre Manufacturing (Advanced) (Level 4) with strands in Composite Panel Manufacturing, Paper Making, and Mechanical Pulp Making [Ref: 1310]
National Certificate in Wood Fibre Manufacturing (Advanced) (Level 4) with strands in Composite Panel Manufacturing, Paper Making, Mechanical Pulp Making, and Overlay Bonding [Ref: 1310]

Review category	B	See Key to Qualification Review Categories at the end of report
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Changes to structure and content

- The Overlay Bonding Strand has been added to the qualification structure.

Transition

People working towards version 1 of this qualification may either complete the requirements for that version or transfer their results to version 2. The last date for entry to training programmes or courses for version 1 is December 2009.

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 table below.

Credit for	Exempt from
706	16247
3583, 3600, 3601	23076

National Certificate in Solid Wood Manufacturing (Advanced Technical Plant Operations) (Level 5) [Ref: 1312]

Review category	B	See Key to Qualification Review Categories at the end of report
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Changes to structure and content

- Standards 674, 5845, and 23439 have been added to the elective section and the rule amended to reflect the requirement for a minimum of 35 credits.

Transition

People working towards version 1 of this qualification may either complete the requirements for that version or transfer their results to version 2. The last date for entry to training programmes or courses for version 1 is December 2009.

The last date for assessments to take place for previous versions of these qualifications is December 2012.

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 at the address below. Appeals will be considered on a case-by-case basis.

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

Key to Qualification Review Categories

Category A The qualification is published as a new version with the same NQF ID	Changes are made to SSB name, contact details or purpose statement
	No change is made to title, rules or components of the qualification
	No transition arrangements are required
Category B The qualification is published as a new version with the same NQF ID	Changes are made to title, rules or components
	The new version of the qualification recognises a similar skill set to that recognised by the previous version
	The SSB is confident that people awarded the new or previous version are comparable in terms of competence
	Transition arrangements are required if candidates must gain additional/different credits for the new version
Category C A new (replacement) qualification is published with new NQF ID	Significant changes are made to the qualification in terms of components, structure, type or level
	The SSB views people with the replacement qualification as being significantly different in terms of competence from those with the replaced qualification
	Transition arrangements are required
	Transition may be limited to phase-out dates
Category D Qualification will expire. There is no replacement qualification	Qualification is no longer required by industry
	The qualification is designated as expiring and a last date for meeting the qualification requirements is set