

**FIELD                    MANUFACTURING****Reclassification, rollover, and revision of *Wood Panels Manufacturing* unit standards****Existing classification name**

<b>Subfield</b>	<b>Domain</b>	<b>Id</b>
Wood Panels Manufacturing	Composite Wood Panel Manufacturing	710, 719, 720, 723, 724, 7067, 7069-7072, 16245, 16341, 21475-21477
	Laminated Veneer Lumber and Plywood Manufacturing	712, 715, 725-727, 729, 19721, 19723, 21478, 21479, 21481

**New classification name**

<b>Subfield</b>	<b>Domain</b>	<b>Id</b>
Solid Wood Manufacturing	Laminated Veneer Lumber and Plywood Manufacturing	712, 715, 725-727, 729, 19721, 19723, 21478, 21479, 21481
	Overlay Bonding	721, 722, 1849, 18761
Wood Fibre Manufacturing	Composite Wood Panel Manufacturing	710, 719, 720, 723, 724, 7067, 7069-7072, 16245, 16341, 21475-21477
Wood Manufacturing – Generic Skills	Wood Panel Manufacturing Skills	695, 696, 698-704, 16247, 21482

Forest Industries Training and Education Council (FITEC) has completed the reclassification, revision, and rollover of the unit standards listed above.

**Date new versions published**

**February 2007**

**Planned review date**

**December 2010**

**Reason for the revision, rollover, and rationale for the reclassification change**

FITEC has been involved in the development of new qualification structures for the wood fibre manufacturing industries. As part of the process industry advisory groups have been convened to review the structure of qualifications in wood panels manufacture. The advisory groups have revised the content of unit standards to ensure that they are fit for the new qualification structures they are being put into. This has resulted in a minor change to the credit of one unit standard in Laminated Veneer Lumber and Plywood Manufacturing.

The new qualifications are to be registered in 2007, so the advisory groups have recommended that the review date for the unit standards be moved from 2009 to 2010, to allow use of the standards within the new qualification structures for two years before the next review.

## Main changes resulting from the revision

The revision has resulted in the following changes:

- Unit standards have been moved to their new subfields.
- Formats and wording have been updated to meet NZQA unit standard guidelines.
- Credit value on unit standard 19721 has increased from 4 to 5.

## Impact on existing provider accreditations

Current Accreditation for			Accreditation extended to		
Nature of accreditation	Classification or Id	Level	Nature of accreditation	Classification or Id	Level
Subfield	Wood Panels Manufacturing	Any	Domain	Wood Fibre Manufacturing > Composite Wood Panel Manufacturing	Same
				Solid Wood Manufacturing > Laminated Veneer Lumber and Plywood Manufacturing	Same
				Solid Wood Manufacturing > Overlay Bonding	Same
				Wood Manufacturing – Generic Skills > Wood Panel Manufacturing Skills	Same
Domain	Wood Panels Manufacturing > Composite Wood Panel Manufacturing	Any	Domain	Wood Fibre Manufacturing > Composite Wood Panel Manufacturing	Same
Domain	Wood Panels Manufacturing > Laminated Veneer Lumber and Plywood Manufacturing	Any	Domain	Solid Wood Manufacturing > Laminated Veneer Lumber and Plywood Manufacturing	Same
Domain	Wood Panels Manufacturing > Overlay Bonding	Any	Domain	Solid Wood Manufacturing > Overlay Bonding	Same
Domain	Wood Panels Manufacturing > Wood Panel Manufacturing Skills	Any	Domain	Wood Manufacturing – Generic Skills > Wood Panel Manufacturing Skills	Same

## Impact on Accreditation and Moderation Action Plan (AMAP)

AMAP 0173 has been updated to reflect the changes made to the standards.

## Impact on existing qualifications

Qualifications that contain the revised standards or classifications are tabled below.

<b>Affected</b>	The qualification lists a revised classification (domain or subfield) in an elective set The qualification lists a standard that has changes to level or credits
<b>Not materially affected</b>	The qualification lists a standard that has a new title The qualification lists a standard that has a new classification

The following FITEC qualifications are affected by the outcome of this revision and will be reviewed in 2007. The unit standard in **bold** has increased in credit.

Qualification title	Classification or standard in the qualification
National Certificate in Pulp and Paper Manufacturing (Level 2) [Ref: 0237]	Wood Panels Manufacturing
National Certificate in Pulp and Paper Manufacturing (Level 3) [Ref: 0238]	Wood Panels Manufacturing
National Certificate in Pulp and Paper Manufacturing (Level 4) [Ref: 0239]	Wood Panels Manufacturing
National Certificate in Wood Panels Manufacturing (Level 2) [Ref: 0433]	Wood Panels Manufacturing > Laminated Veneer Lumber and Plywood Manufacturing Wood Panels Manufacturing > Wood Panel Manufacturing Skills Wood Panels Manufacturing > Overlay Bonding
National Certificate in Wood Panels Manufacturing (Level 4) [Ref: 0254]	Wood Panels Manufacturing > Laminated Veneer Lumber and Plywood Manufacturing Wood Panels Manufacturing > Wood Panel Manufacturing Skills Wood Panels Manufacturing > Overlay Bonding
National Certificate in Wood Product Manufacturing (Level 2) [Ref: 0814]	<b>19721</b> , 698, 702, <b>727</b> , <b>729</b> ,
National Certificate in Wood Product Manufacturing (Level 3) [Ref: 0815]	<b>19721</b> , 700, 715, <b>726</b> , <b>727</b> , <b>729</b>
National Certificate in Wood Product Manufacturing (Level 4) [Ref: 0816]	Wood Panels Manufacturing > Wood Panel Manufacturing Skills

The following New Zealand Industry Training Organisation (NZITO) qualification is also affected by the changes. The standard setting body has been advised that it requires revision.

Qualification title	Classification or standard in the qualification
National Certificate Occupational Health and Safety (Workplace Safety) [Ref: 0801] (Level 3)	Wood Panels Manufacturing

### Summary of main changes

All changes are in **bold**.

Classification Wood Panels Manufacturing > Composite Wood Panel Manufacturing  
**Wood Fibre Manufacturing > Composite Wood Panel Manufacturing**

Id	Title	Level	Credit
710	Form and trim wood furnish for hardboard and insulating board manufacture	4	20
719	Recover wood chips and prepare raw material	4	5
720	Refine wood chips and glue fibre	4	20
723	Produce wood flake for particle board manufacture	4	10
724	Prepare wood furnish for particle board manufacture	4	5
7067	Emboss insulating board panels	3	5
7069	Manufacture pegboard from hardboard panels	3	5

<b>Id</b>	<b>Title</b>	<b>Level</b>	<b>Credit</b>
7070	Manufacture acoustic insulating board panels	2	3
7071	Prepare and profile insulating board ceiling tiles	4	10
7072	Finish and package insulating board ceiling tiles	3	5
16245	Edge-finish particle board	4	5
16341	Manage bonding processes for hardboard manufacture	4	10
21475	Explain production processes used in composite wood panel manufacture	3	10
21476	Explain preparation of materials for composite wood panel manufacture	3	15
21477	Troubleshoot composite wood panel manufacture	5	30

Classification Wood Panels Manufacturing > Laminated Veneer Lumber and Plywood Manufacturing  
**Solid Wood Manufacturing > Laminated Veneer Lumber and Plywood Manufacturing**

<b>Id</b>	<b>Title</b>	<b>Level</b>	<b>Credit</b>
712	Coordinate infeed of bolts for laminated veneer lumber and plywood manufacture	3	5
715	Compose veneers for laminated veneer lumber and plywood manufacture	4	10
725	Peel logs into veneers for laminated veneer lumber and plywood manufacture	4	15
726	Clip and sort laminated veneer lumber and plywood veneers	3	5
727	Grade laminated veneer lumber and plywood panels	4	10
729	Measure moisture content of veneers, laminated veneer lumber and plywood panels	2	5
19721	Grind knives for wood veneer manufacturing	3	4 <b>5</b>
19723	Condition logs for peeling for laminated veneer lumber and plywood manufacture	4	5
21478	Troubleshoot laminated veneer lumber and plywood panel manufacture	5	30
21479	Explain technology and processes for laminated veneer lumber and plywood manufacture	3	10
21481	Lay up veneer for laminated veneer lumber and plywood manufacture	4	10

Classification Wood Panels Manufacturing > Overlay Bonding  
**Solid Wood Manufacturing > Overlay Bonding**

<b>Id</b>	<b>Title</b>	<b>Level</b>	<b>Credit</b>
721	Bond overlays to wood panel substrates using an overlay press	4	25
722	Manage technical aspects of overlay bonding operations for wood panels manufacturing	5	20
1849	Press wood veneer to wood panel substrates using a veneer pressing system	4	15
18761	Assemble raw materials for production of overlay bonding products from a production schedule	4	15

Classification Wood Panels Manufacturing > Wood Panel Manufacturing Skills  
**Wood Manufacturing – Generic Skills > Wood Panel Manufacturing Skills**

<b>Id</b>	<b>Title</b>	<b>Level</b>	<b>Credit</b>
695	Apply bonding agents for wood panel manufacture	4	5
696	Form wood furnish for pressing into wood panels	4	10
698	Saw wood panels using a panel saw system	4	20
699	Sand wood panels	4	20
700	Grade wood panels visually	4	5
701	Test wood panels and constituent materials	4	10
702	Stack and pack wood panels	3	5
703	Provide thermal energy for wood panels manufacturing	4	20
704	Manage technical aspects of thermal energy raising operations for wood panels manufacturing	5	10
16247	Manage technical aspects of gluing operations for wood panels manufacturing	5	20
21482	Demonstrate knowledge of the wood panels industry and its products	2	5