

**FIELD                    MANUFACTURING****Review of *Pulp and Manufacturing, Solid Wood Manufacturing, Wood Fibre Manufacturing, Wood Manufacturing – Generic Skills, and Wood Processing Technology* unit standards**

<b>Subfield</b>	<b>Domain</b>	<b>Id</b>
Pulp and Paper Manufacturing	Tissue Converting	16664
Solid Wood Manufacturing	Laminated Veneer Lumber and Plywood Manufacturing	23158
	Timber Grading	20756
	Wood Product Manufacturing Skills	21498
Wood Fibre Manufacturing	Tissue Converting	20439
Wood Processing Technology	Wood and Processing Technology	21483
Wood Manufacturing – Generic Skills	Wood Panel Manufacturing Skills	697, 22988, 23438
	Wood Manufacturing Foundation Skills	17862, 22975, 22978

FITEC has completed the review of the unit standards listed above.

**Date new versions published**

**January 2008**

**Planned review date**

**December 2011**

**Summary of review and consultation process**

The review has been carried out to address issues raised through the packaging of qualifications, development of assessment resources, and assessment of the listed unit standards. This has highlighted issues that have made the unit standards unfit for purpose. The changes reflected in this review have been endorsed by the wood manufacturing sector committees who were involved in the modifications.

**Main changes resulting from the review**

The review has resulted in the following changes

- The level of 17862 has been increased from 2 to 3
- Credit values have changed to reflect the changes made in elements and performance criteria
- Elements, performance criteria, and range statements have been modified to meet the needs identified by the assessors developing the assessment resources
- Unit standards 16664 and 21483 have been moved from lapsing domains
- Unit standard 22988 has been broadened in context to meet the needs of other industry sectors and moved to a generic domain
- Prerequisite criteria have been modified on unit standard 22978
- New unit standards have been developed to overcome technical issues and to fill gaps identified in the previous unit standard review, but not able to be addressed.

### 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 Manufacturing – Generic Skills	2	Standard	17862	3
Domain	Wood Manufacturing Foundation Skills	2	Standard	17862	3

### 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 reviewed standards or classifications are tabled below.

<b>Affected</b>	<ul style="list-style-type: none"> <li>The qualification lists a reviewed classification (domain or subfield) in an elective set</li> <li>The qualification lists a standard that has changes to level or credits</li> <li>The qualification lists a C or D category standard</li> </ul>
<b>Not materially affected</b>	<ul style="list-style-type: none"> <li>The qualification lists a standard that has a new title</li> <li>The qualification lists a standard that has a new classification</li> </ul>

In the following tables qualifications that contain unit standards in both categories are identified in the *Affected* table, with the items that generated the *Affected* status in **bold**.

The following FITEC qualifications are affected by the outcome of this review and will be revised in 2008.

Qualification title	Classification or standard in the qualification
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]	697, <b>17862, 22988</b>
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]	20756
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]	697, 21498, 22975, 22988, <b>23438</b>
National Certificate in Timber Machining (Level 4) [Ref: 0813]	<b>17862</b>
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]	<b>17862</b> , 21498, 22975

The following FITEC qualifications are not materially affected by the changes. They will be updated when they are next reviewed.

Qualification title	Standard in the qualification
National Certificate in Wood Manufacturing – Generic Skills (Workplace Safety and Operations) (Level 2) [Ref: 1304]	22975
National Certificate in Wood Handling and Distribution (Level 3) with strands in Log Yard and Wood Preparation, and Timber Yarding and Despatch [Ref: 1308]	21498

### Review Categories and changes to classification, title, level and credits

All changes are in **bold**.

#### Key to review category

- A** Dates changed, but no other changes are made - the new version of the standard carries the same Id and a new version number
- B** Changes made, but the overall outcome remains the same - the new version of the standard carries the same Id and a new version number
- C** Major changes that necessitate the registration of a replacement standard with a new Id
- D** Standard will expire and not be replaced

#### Subfield Pulp and Paper Manufacturing Wood Fibre Manufacturing

Id	Domain	Title	Level	Credit	Review Category
16664	Tissue Converting <b>Tissue Converting</b>	Run reel to sheet converting machine	2	3	B

Subfield Wood Fibre Manufacturing  
Tissue Converting

<b>Id</b>	<b>Title</b>	<b>Level</b>	<b>Credit</b>	<b>Review Category</b>
20439	Operate a Print and Apply Label Applicator system for disposable and tissue products <b>Operate an ink or ribbon transfer code printing system for disposable and tissue products</b>	2	4	B

Subfield Wood Processing Technology  
**Wood Manufacturing – Generic Skills**

<b>Id</b>	<b>Domain</b>	<b>Title</b>	<b>Level</b>	<b>Credit</b>	<b>Review Category</b>
21483	Wood and Processing Technology <b>Wood Manufacturing Foundation Skills</b>	Identify and monitor dust hazards in wood manufacturing operations	2	3	B

Subfield Wood Manufacturing – Generic Skills  
**Wood Fibre Manufacturing**

<b>Id</b>	<b>Domain</b>	<b>Title</b>	<b>Level</b>	<b>Credit</b>	<b>Review Category</b>
697	Wood Panel Manufacturing Skills <b>Composite Wood Panel Manufacturing</b>	Press formed wood furnish into wood panels  <b>Press formed wood furnish into composite panels</b>	4	20	B

Subfield Wood Manufacturing – Generic Skills

<b>Id</b>	<b>Domain</b>	<b>Title</b>	<b>Level</b>	<b>Credit</b>	<b>Review Category</b>
22988	Wood Panel Manufacturing Skills <b>Wood Manufacturing Foundation Skills</b>	Handle and store wood panels for further processing  <b>Handle and store manufactured wood products for further processing</b>	3	8	B

Subfield Solid Wood Manufacturing  
Domain Laminated Veneer Lumber and Plywood Manufacturing

<b>Id</b>	<b>Title</b>	<b>Level</b>	<b>Credit</b>	<b>Review Category</b>
23158	Dry wood veneer for laminated veneer lumber and plywood manufacture	4	5	B
<b>24604</b>	<b>Press wood veneer into plywood and laminated veneer lumber (LVL)</b>	<b>4</b>	<b>20</b>	<b>New</b>

## Domain Timber Grading

<b>Id</b>	<b>Title</b>	<b>Level</b>	<b>Credit</b>	<b>Review Category</b>
20756	Grade timber using customer specific grading rules	4	10 15	B
<b>24605</b>	<b>Explain the verification requirements for structural timber</b>	<b>2</b>	<b>5</b>	<b>New</b>
<b>24606</b>	<b>Verify structural timber, analyse test data and complete despatch procedures</b>	<b>4</b>	<b>20</b>	<b>New</b>

## Domain Wood Product Manufacturing Skills

<b>Id</b>	<b>Title</b>	<b>Level</b>	<b>Credit</b>	<b>Review Category</b>
21498	Wrap wood products <b>Wrap wood products using a product wrapping line</b>	3	5	B
<b>24607</b>	<b>Wrap wood products manually</b>	<b>3</b>	<b>3</b>	<b>New</b>

## Subfield Wood Manufacturing – Generic Skills

## Domain Wood Panel Manufacturing Skills

<b>Id</b>	<b>Title</b>	<b>Level</b>	<b>Credit</b>	<b>Review Category</b>
23438	Change press caul plates, and prepare plates for use in wood panel manufacturing <b>Change press caul plates in wood panel manufacturing</b>	3	5 3	B

## Domain Wood Manufacturing Foundation Skills

<b>Id</b>	<b>Title</b>	<b>Level</b>	<b>Credit</b>	<b>Review Category</b>
17862	Demonstrate knowledge of mechanical engineering systems used in wood manufacturing industries	2 3	10	B
22975	Maintain and take care of raw materials and/or products in a wood manufacturing operation <b>Maintain and take care of process consumables in a wood manufacturing operation</b>	2	5	B
22978	Demonstrate knowledge required for determining wood product quality	2	5	B