

Main changes resulting from the review

The review resulted in the following changes.

- Credits were amended for some unit standards to more accurately reflect the time taken for delivery, learning, assessment, and alignment with those in other wood processing sectors.
- Levels were amended for some unit standards to more accurately reflect the changes in accountability and responsibility as the sector increases its automation of processes.
- Elements and performance criteria were updated to incorporate industry changes and technological advances.
- Special notes were improved and updated.
- New unit standards were developed to fill gaps in the Wood Panels Manufacturing subfield.
- Hardboard and Insulating Board Manufacturing, Medium Density Fibreboard Manufacturing, and Particle Board Manufacture domains were lapsed. The unit standards in them were reclassified in the Composite Wood Panel Manufacturing domain.
- 14 unit standards were considered no longer fit for purpose. They will expire and will not be replaced.
- Unit standards 691 and 692 were replaced by new unit standard 21483, and unit standard 2443 was replaced by new unit standard 21756.

Unit standards categorised as category C or D expire at the end of December 2006.

Impact on existing provider accreditations

Current Accreditation for			Accreditation extended to		
Nature of accreditation	Classification	Level	Nature of accreditation	Id	Level
Subfield	Wood Panels Manufacturing	2	Standard	702	3
Domain	Wood Panel Manufacturing Skills	2	Standard	702	3
Subfield	Wood Panels Manufacturing	1+	Standard	21756	2
Domain	Wood Panel Manufacturing Skills	1+	Standard	21756	2
Standard	2443	1	Standard	21756	2

Impact on existing qualifications

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

Affected	The qualification lists a reviewed classification (domain or subfield) in an elective set The qualification lists a standard that has changes to level or credits The qualification lists a C or D category standard
Not materially affected	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 review and will be revised/reviewed in June 2005.

Qualification title	Classifications and standards in the qualification
National Certificate in Wood Panels Manufacturing (Level 2) [Ref: 0433]	Hardboard and Insulating Board Manufacturing, Medium Density Fibreboard Manufacturing, Particle Board Manufacturing, 691-693, 2443
National Certificate in Wood Panels Manufacturing (Level 4) [Ref: 0254]	Hardboard and Insulating Board Manufacturing, Medium Density Fibreboard Manufacturing, Particle Board Manufacturing, 691-693, 2443

The following FITEC qualifications are also affected by the changes. They will be updated when they are next reviewed.

Qualification title	Classification and standards in the qualification
National Certificate in Wood Product Manufacturing (Level 2) [Ref: 0814]	Hardboard and Insulating Board Manufacturing, 691-693, 698, 702, 713, 727, 729, 2443
National Certificate in Wood Product Manufacturing (Level 3) [Ref: 0815]	Hardboard and Insulating Board Manufacturing, 700, 713-715, 726, 727, 729, 3892, 3893, 7068, 16248, 16249

Summary of main changes to standards' Ids, classification, titles, levels, and credits

The following summary shows the changes made to the standards as a result of the review. All changes are in **bold**.

Key to review category

- A** Dates changed, but no other changes are made - the replacement standard carries the same Id and a new version number
- B** Changes made, but the overall outcome remains the same - the replacement 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 Wood Panels Manufacturing
 Domain Hardboard and Insulating Board Manufacturing
Composite Wood Panel Manufacturing

Id	Title	Level	Credit	Review Category
708	Prepare wood furnish for hardboard and insulating board manufacture	4	10 20	B
710	Form and trim wood furnish for hardboard and insulating board manufacture	4	8 20	B
7067	Emboss insulating board panels	3	4 5	B
7069	Manufacture pegboard from hardboard panels	3	3 5	B

Id	Title	Level	Credit	Review Category
7070	Manufacture acoustic insulating board panels	2	2 3	B
7071	Prepare and profile insulating board ceiling tiles	4	8 10	B
7072	Finish and package insulating board ceiling tiles	3	3 5	B
16341	Manage bonding processes for hardboard manufacture	4	6 10	B

Domain Laminated Veneer Lumber and Plywood Manufacturing

Id	Title	Level	Credit	Review Category
711	Saw logs to length for LVL and plywood production	3	4	D
712	Co-ordinate infeed of bolts for LVL and plywood production Coordinate infeed of bolts for laminated veneer lumber and plywood manufacture	3	5	B
713	Grade dry veneers for LVL and plywood production Grade dry veneers for laminated veneer lumber and plywood manufacture	3	4 5	B
714	Mix glue for LVL and plywood production	4	8	D
715	Dock and butt-joint veneers for LVL and plywood production Compose veneers for laminated veneer lumber and plywood manufacture	3 4	5 10	B
717	Control LVL and plywood production	5	8	D
718	Maintain the quality of LVL and plywood production	4	8	D
725	Peel logs into veneers for plywood and LVL manufacture Peel logs into veneers for laminated veneer lumber and plywood manufacture	4	8 15	B
726	Clip and sort LVL and plywood veneers Clip and sort laminated veneer lumber and plywood veneers	3	4 5	B
727	Grade LVL and plywood panels Grade laminated veneer lumber and plywood panels	3 4	6 10	B
5147	Dock and scarf-joint veneers for LVL and plywood production Scarf veneers for laminated veneer lumber and plywood manufacture	3 4	5 10	B
19721	Grind knives for wood veneer manufacturing	3	4	B
19723	Condition logs for peeling for plywood or laminated veneer lumber (LVL) manufacture Condition logs for peeling for laminated veneer lumber and plywood manufacture	4	5	B

Domain Medium Density Fibreboard Manufacturing
Composite Wood Panel Manufacturing

Id	Title	Level	Credit	Review Category
719	Recover wood chips and prepare raw material	4	3 5	B
720	Refine wood chips and glue fibre	4	10 20	B

Domain Overlay Bonding

Id	Title	Level	Credit	Review Category
721	Bond overlays to wood panel substrates Bond overlays to wood panel substrates using an overlay press	4	12 25	B
722	Manage technical aspects of overlay bonding operations for wood panels manufacturing	5	12 20	B
1848	Roller laminate overlays to wood panel substrates	4	4	D
1849	Press wood veneer to wood panel substrates Press wood veneer to wood panel substrates using a veneer pressing system	4	8 15	B
18761	Assemble raw materials for production of overlay bonding products from a production schedule	4	10 15	B
18762	Handle and store raw materials for overlay bonding	4	5	D

Domain Particle Board Manufacture
Composite Wood Panel Manufacturing

Id	Title	Level	Credit	Review Category
723	Produce wood flake for particle board manufacture	3 4	4 10	B
724	Prepare wood furnish for particle board manufacture	3 4	5	B
16245	Edge-finish particle board	4	4 5	B

Domain Veneer Manufacturing
Laminated Veneer Lumber and Plywood Manufacturing

Id	Title	Level	Credit	Review Category
729	Measure moisture content of veneers and plywood and laminated veneer lumber panels Measure moisture content of veneers, laminated veneer lumber and plywood panels	2	2 5	B

Domain Wood Panel Manufacturing Skills

Id	Title	Level	Credit	Review Category
691 and 692 21482	Demonstrate knowledge of the wood panels industry Demonstrate knowledge of wood panel products Demonstrate knowledge of the wood panels industry and its products	1 2 2	5 5 10	C C
693	Demonstrate knowledge of basic wood structure for wood panels manufacturing	2	2	D
694	Dry wood furnish for wood panels manufacture	4	4 5	B
695	Apply bonding agents for wood panel manufacture	4	4 5	B
696	Form wood furnish for pressing into wood panels	4	8 10	B
697	Press formed wood furnish into wood panels	4	10 20	B
698	Saw wood panels to market sheet sizes Saw wood panels using a panel saw system	4	8 20	B
699	Sand wood panels	4	8 20	B
700	Grade wood panels visually	3 4	4 5	B
701	Test wood panels and constituent materials	4	8 10	B
702	Stack and package wood panels Stack and pack wood panels	2 3	4 5	B
703	Provide thermal energy for wood panels manufacturing	4	7 20	B
704	Manage technical aspects of thermal energy raising operations for wood panels manufacturing	5	9 10	B
705	Manage technical aspects of drying operations for wood panels manufacturing	5	9	D

Id	Domain	Title	Level	Credit	Review Category
2443 21756	Wood Panel Manufacturing Skills Wood and Processing Technology*	Maintain personal safety in wood panels manufacturing plants Demonstrate knowledge of personal health and safety in a wood processing industry	1 2	2 5	C
3892	Wood Panel Manufacturing Skills	Trim and edge band wood panel doors	4	10	D
3893		Sand wood panel doors	4	8	D
7068		Groove wood panels	3	4	D
16246		Monitor free formaldehyde in atmosphere using portable equipment for wood panels manufacturing	2	1	D

Id	Domain	Title	Level	Credit	Review Category
16247	Wood Panel Manufacturing Skills	Manage technical aspects of gluing operations for wood panels manufacturing	5	17 20	B
16248		Assemble components for wood panel doors	3	7	D
16249		Glue and press wood panel doors	4	10	D

* In the Wood Processing Technology subfield

New unit standards

Subfield Wood Panels Manufacturing

Id	Domain	Title	Level	Credit
21475	Composite Wood Panel Manufacturing	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
21478	Laminated Veneer Lumber and Plywood Manufacturing	Troubleshoot laminated veneer lumber and plywood panel manufacture	5	30
21479		Explain technology and processes for laminated veneer lumber and plywood manufacture	3	10
21480		Explain veneer preparation for laminated veneer lumber and plywood manufacture	3	10
21481		Lay up veneer for laminated veneer lumber and plywood manufacture	4	10

Subfield Wood Processing Technology

Id	Domain	Title	Level	Credit
21483	Wood and Processing Technology	Identify and monitor dust hazards in wood manufacturing operations	2	3