

Field Manufacturing

Review of *Timber Drying and Treatment* unit standards

Subfield	Domain	ID
Solid Wood Manufacturing	Timber Drying and Treatment	738, 8339, 16240, 20759, 21758, 21761, 23437, 28015, 28016

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

Date new versions published

May 2020

Planned review date

December 2024

Summary

The review was conducted in conjunction with the review of the qualifications for this sector, and the development of programmes later this year leading to the following qualifications:

- New Zealand Certificate in Solid Wood Manufacturing (Level 2) with strands in Finger Jointing; Laminating; Pole, Post and Pile; Sawmilling; Timber Drying and Treatment; Timber Grading; Timber Machining; and Wood Pallet Manufacturing [Ref: 1967];
- New Zealand Certificate in Solid Wood Manufacturing (Level 3) with strands in Finger Jointing; Pole, Post and Pile; Saw Doctoring; Sawmilling; Timber Drying; Timber Grading and Optimising; Timber Machining; and Timber Treatment [Ref: 1969]; and
- New Zealand Certificate in Solid Wood Manufacturing (Level 4) with strands in Laminating, Timber Drying, Timber Grading, and Timber Treatment [Ref: 1973].

Competenz had taken over the responsibility for these unit standards from the Forest Industry Training and Education Council (FITEC) in 2013 as part of the mergers of industry training organisations (ITOs).

The review was undertaken in May and November 2019 through face-to-face meetings with the Technical Advisory Group (TAG), which consists of industry experts, and via email and Skype with industry representatives. All stakeholders were advised via email, Sector Advisory Group meetings, and Competenz Training Advisors.

All feedback received prior to and during the review process were incorporated and endorsed for registration by the TAG in November 2019.

Main changes

- Guidance Information, Outcomes and Performance criteria were updated to reflect current industry practices.
- Unit standards 20759 and 23437 were set to expire without replacement as they are no longer required.
- Title of some unit standards were changed to better reflect the contents.
- The level of unit standard 738 was changed from 4 to 3 to reflect the complexity of the work.
- Credits for unit standard 28015 were increased to reflect the time taken to gain knowledge and skills.

Category D unit standards will expire at the end of December 2020 and December 2022

Impact on Consent and Moderation Requirements (CMR)

Unit standards were moved to CMR 0013 from CMR 0173.

Detailed list of unit standards – 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

Manufacturing > Solid Wood Manufacturing > Timber Drying and Treatment

ID	Title	Level	Credit	Review Category
738	Kiln dry timber Operate timber drying kiln	4 3	25	B
8339	Demonstrate knowledge of the principles of wood preservation and antisapstain treatment	3	10	B
16240	Interpret legislative requirements and workplace compliance relating to wood preservation operations Interpret NZS: 3640 requirements and workplace compliance relating to wood preservation operations	3	10	B
20759	Air dry timber or round wood	3	3	D
21758	Explain wood drying, determine wood moisture content and establish equipment correction factor Demonstrate knowledge of wood drying, wood moisture content measurement, and establish equipment correction factor	3	10	B
21761	Treat wood with antisapstain chemicals	3	10	B
23437	Monitor, lubricate, and maintain timber kiln components	4	15	D
28015	Operate timber treatment plant Carry out basic operation and maintenance activities for a timber treatment plant	3	15 25	B
28016	Manage a timber treatment operation	4	35	B