

Title	Grade appearance and cuttings to company grade specifications at an average of 95% and a minimum 90% accuracy		
Level	4	Credits	10

Purpose	People credited with this unit standard are able to grade appearance and cuttings to company grade specifications at an average of 95% and a minimum 90% accuracy.
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Classification	Solid Wood Manufacturing > Timber Grading
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Available grade	Achieved
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Guidance Information

- 1 Legislation
Health and Safety at Work Act 2015.
Resource Management Act 1991.
- 2 Definitions
Accepted industry practice – approved codes of practice and standardised procedures accepted by the wider solid wood manufacturing industry as examples of best practice.
Accuracy means within site specific tolerance levels for defects which can be measured, such as pith, knots, holes, and bark pockets.
Company grade specifications are detailed instructions prescribing the exact dimensions and expected quality of product to meet customer requirements.
Workplace procedures refer to documented policies and procedures set by the organisation carrying out the work, and to documented or other directions provided to staff, and applicable to the tasks being carried out. They may include but are not limited to – standard operating procedures, site specific procedures, site safety procedures, equipment operating procedures, quality assurance procedures, product quality specifications, references, Approved Codes of Practice, housekeeping standards, environmental considerations, on-site briefings, supervisor’s instructions, and procedures to comply with legislative and local body requirements relevant to the industry sector.
- 3 Assessment information
All activities and evidence must meet workplace procedures and accepted industry practice.
- 4 Recommended unit standard for entry:
Unit 27069, *Apply company grade specifications for timber grading*.

Outcomes and performance criteria

Outcome 1

Grade appearance and cuttings to company grade specifications at an average of 95% and a minimum 90% accuracy.

Range a minimum of four company grade specifications.

Performance criteria

- 1.1 End use of the timber is identified for each company grade specification.
- 1.2 100 full-length pieces of mixed appearance and cuttings grades, containing four company grade specifications, are graded at production rate with a minimum 90% accuracy with a 95% average over three runs.
- 1.3 Size tolerances for the graded timber are checked to ensure they meet company grade specifications.
- 1.4 Commercial values per lineal metre are stated for each company grade specification.
- 1.5 Lengths are docked and/or re-sawn to produce a saleable length at a higher grade or priority grade.
- 1.6 Defects are identified and actioned to maximise grade recovery or priority grades.
- 1.7 Identified process defects are reported to the processing.

Planned review date	31 December 2024
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Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	15 April 2011	31 December 2014
Revision	2	18 April 2013	N/A
Review	3	23 April 2020	N/A

Consent and Moderation Requirements (CMR) reference	0013
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This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

Comments on this unit standard

Please contact Competenz qualifications@competenz.org.nz if you wish to suggest changes to the content of this unit standard.