

Title	Demonstrate knowledge of manufactured boards used in furniture operations		
Level	2	Credits	4

Purpose	People credited with this unit standard are able to: identify and explain the construction of manufactured boards used in furniture operations; explain the advantages, disadvantages, and suitable end uses of manufactured boards used in furniture operations; and explain transportation, handling, and storage requirements of manufactured boards.
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Classification	Furniture > Furniture Operations
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Available grade	Achieved
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Guidance Information

- 1 Assessment information
This unit standard may be assessed against on-job or off-job.
All activities and performance criteria must be carried out in accordance with reference text.
- 2 Reference
Jackson, A. and Day, D., (2005) *Collins Complete Woodworker's Manual*, London, England: HarperCollins, which is available at: <http://www.amazon.com>.

Outcomes and performance criteria

Outcome 1

Identify and explain the construction of manufactured boards used in furniture operations.

Range three of – laminated plastics, particle board, medium density fibre board (MDF), plywood, hardboard, veneer board, melamine board.

Performance criteria

- 1.1 Manufactured board samples are identified and their composition explained.
- 1.2 The construction process for manufactured board samples identified in performance criterion 1.1 is explained.
- 1.3 Manufactured boards are identified in three items of assembled furniture available at the work or training site.

Outcome 2

Explain the advantages, disadvantages, and suitable end uses of manufactured boards used in furniture operations.

Range three of – laminated plastics, particle board, MDF, plywood, hardboard, veneer board, melamine board.

Performance criteria

2.1 Advantages and disadvantages of manufactured boards used in furniture operations are explained.

Range three examples of advantages and three examples of disadvantages is required.

2.2 Suitable end uses of manufactured boards are explained.

Range two examples of suitable end uses is required.

Outcome 3

Explain transportation, handling, and storage requirements of manufactured boards.

Performance criteria

3.1 Transportation of manufactured boards is described in terms of requirements to avoid moisture, edge, and warping damage.

3.2 Unpacking of manufactured boards upon arrival is explained in terms of requirements to minimise damage.

Range evidence of two requirements is required.

3.3 Injuries that may occur when lifting and moving manufactured boards are identified and explained in terms of minimising the potential for these injuries to occur.

Range evidence of two potential injuries is required.

3.4 Storage of manufactured boards is explained in terms of requirements to ensure they are not distorted in any way.

Range evidence of five storage requirements is required.

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	23 February 1999	31 December 2012
Review	2	26 February 2002	31 December 2012
Review	3	19 June 2009	31 December 2012
Revision	4	21 July 2011	N/A
Review	5	27 August 2020	N/A

Consent and Moderation Requirements (CMR) reference

0173

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.