

Title	Demonstrate knowledge of abrasives used in furniture production		
Level	2	Credits	4

Purpose	People credited with this unit standard are able to demonstrate knowledge of abrasives used in furniture production.
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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 in accordance with the reference text.
- 2 Reference
Jackson, A. and Day, D, (2nd ed.) 1999. *Good Wood Handbook*. London, England: Popular Woodworking Books, which is available at <http://www.amazon.com>.

Outcomes and performance criteria

Outcome 1

Demonstrate knowledge of abrasives used in furniture production.

Performance criteria

- 1.1 Types of abrasive grains used to sand timber are explained.
Range aluminium oxide, silicon carbide, garnet, glass.
- 1.2 Different grades of abrasive paper and the type of job they should be selected for are explained.
Range 80, 120, 600+.
- 1.3 Different abrasive backings and the type of job they should be selected for are explained.
Range paper, cloth, fibre.

- 1.4 Types of glue used to bond abrasive to backing are explained in terms of end-use.
- Range natural glue, synthetic resins.
- 1.5 Methods of coating for abrasives are explained in terms of how the abrasives are coated and the effect on spacing of grit.
- Range gravity, electro.
- 1.6 Close grain and open grain abrasives are explained in terms of the types of timber they should be used on, and the reasons they should be used on those types of timber.
- 1.7 Different flexes of coated abrasives are explained in terms of the type of jobs they should be selected for.
- Range single, double, triple.
- 1.8 Wet and dry paper are explained in terms of where they are used in the finishing process and types of finishing coats.
- Range undercoat, gloss, lacquer, paint.
- 1.9 The requirements for storage of coated abrasives are explained in terms of temperature and humidity.

Replacement information	This unit standard replaced unit standard 16233.
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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Status information and last date for assessment for superseded versions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	19 June 2009	31 December 2018
Review	2	19 March 2015	N/A
Review	3	27 August 2020	N/A

Consent and Moderation Requirements (CMR) reference	0173
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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.