

Title	Cut and fabricate foam and fibre for upholstery		
Level	2	Credits	3

Purpose	People credited with this unit standard are able to: prepare to cut and fabricate foam and fibre; cut and fabricate foam; and cut fibre and attach fibre to foam, for upholstery.
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Classification	Furniture > Upholstery
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Available grade	Achieved
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Guidance Information

1 Definitions

Manufacturer's instructions are instructions provided by manufacturers of substances, equipment, and machinery used in furniture making. These instructions may include details on safe and correct handling, use and storage of substances and/or details on substance properties. Examples are labels on substance containers, product data sheets, and operator's manuals.

Worksite policies and procedures refer to documented policies and to documented or other directions provided to staff. These may include, but are not limited to, ways of managing health and safety, environmental considerations, quality, and production, and must conform to legislation. Examples include standard operating procedures, company health and safety plans, on-site briefings, and supervisor's instructions.

2 Range

Competence for cutting foam must be demonstrated using an electric foam cutter.

3 Assessment information

This unit standard may be assessed against on-job.

Personal protective equipment, appropriate to job requirements, is to be selected and used in accordance with worksite policies and procedures and manufacturer's instructions.

Outcomes and performance criteria

Outcome 1

Prepare to cut and fabricate foam and fibre for upholstery.

Performance criteria

- 1.1 Job specifications are obtained and explained in accordance with worksite policies and procedures.
- Range grade and thickness of foam or fibre, cutting size and shape, timeframe.
- 1.2 Materials and equipment for the job are obtained in accordance with job specifications.
- 1.3 Foam cutter and adhesive gun are confirmed to be in safe working order in accordance with worksite policies and procedures.
- 1.4 Safety precautions to be taken when using foam cutters are explained in accordance with worksite policies and procedures.
- 1.5 Foam used for upholstery is described in terms of durability and end-use.
- Range low density, medium density, high density.
- 1.6 Polyester fibre used for upholstery is described in terms of density and end use.
- Range melt-bonded fibre (low, medium, and high density), silicon polyester fibre.
- 1.7 Types of foam and fibre available in the workplace are stated and identified.
- 1.8 Ways to minimise hazards associated with foam and solvent adhesive are explained in accordance with worksite policies and procedures.
- Range hazards – fire, toxic fumes.
- 1.9 Foam sheets are measured and marked to ensure minimal waste in accordance with the dimension of materials and job specifications.

Outcome 2

Cut and fabricate foam for upholstery.

Performance criteria

- 2.1 Foam sheets are cut in accordance with job specifications.
- Range straight vertical cuts, accurate dimensions, minimal wastage.
- 2.2 Cutter is used in accordance with manufacturer's instructions and worksite policies and procedures.

2.3 Adhesive is applied to foam pieces in accordance with manufacturer's instructions or worksite policies and procedures.

Range even spread, quantity, tack time.

2.4 Foam pieces are joined together to form foam components in accordance with job specifications.

Range edges flush, soft joins, well bonded, free from overspray.

Outcome 3

Cut fibre and attach fibre to foam for upholstery.

Performance criteria

3.1 Fibre is cut in accordance with job specifications.

3.2 Use of cutter is in accordance with manufacturer's instructions and worksite policies and procedures.

3.3 Fibre is attached to foam in accordance with worksite policies and procedures.

3.4 Work area is left clean, clear, and safe in accordance with worksite policies and procedures.

Planned review date	31 December 2022
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Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	10 August 1994	31 December 2018
Review	2	7 May 1997	31 December 2021
Revision	3	19 August 2004	31 December 2022
Review	4	19 June 2009	31 December 2022
Review	5	28 September 2017	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.