

Title	Carry out vehicle trimming carpentry requirements, and make and fit a vehicle interior trim panel		
Level	4	Credits	4

Purpose	People credited with this unit standard are able to: demonstrate knowledge of machines used to cut and shape timber products; cut and shape plywood panels; cut and shape backing boards; demonstrate knowledge of vehicle interior trim panels; prepare to make a vehicle interior trim panel; and make and fit a vehicle interior trim panel.
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Classification	Industrial Textile Fabrication > Vehicle Trimming and Upholstery
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Available grade	Achieved
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Guidance Information

- 1 Evidence presented for assessment against this unit standard must be consistent with safe working practices and be in accordance with applicable manufacturer's information, company requirements, industry guidelines and legislative requirements. This includes the knowledge and use of suitable tools and equipment.
- 2 Legislation, regulations and/or industry standards relevant to this unit standard include but are not limited to the Health and Safety at Work Act 2015; and any subsequent amendments and replacements.
- 3 Definitions

Company requirements refers to instructions to staff on policy and procedures that are available in the workplace. These requirements may include – company policies and procedures, work instructions, product quality specifications and legislative requirements.

Industry guidelines refers to those practices and procedures commonly used as standard procedures to produce items of acceptable merchantable quality in the industrial textile fabrication industry such as related textbook descriptors.

Manufacturer's information refers to technical information for a machine or product detailing operation; installation and servicing procedures; manufacturer instructions; technical terms and descriptions; and detailed illustrations.

Suitable tools and equipment refer to industry approved tools and equipment that are recognised within the industry as being the most suited to complete the task in a professional and competent manner with due regard to safe working practices.

Outcomes and performance criteria

Outcome 1

Demonstrate knowledge of machines used to cut and shape timber products.

Performance criteria

1.1 Purposes of machines are described.

Range band saw, jig saw, circular saw, nibbler, plane, sander.

1.2 Timber materials are identified.

Range hardboard, bison board, plywood, bitumen board.

Outcome 2

Cut and shape plywood panels.

Range floor, wheel arch and side boards, seat bases, squab bases.

Performance criteria

2.1 A template is created and marked out.

2.2 Panel is marked out.

2.3 Panel is cut to size and shape.

2.4 Panel is fitted in the vehicle.

Outcome 3

Cut and shape backing boards.

Performance criteria

3.1 Template is created and marked out.

3.2 Backing board is identified and marked out.

3.3 Backing board is cut to size and shape.

3.4 Holes are made in backing board.

Range drilled, punched.

Outcome 4

Demonstrate knowledge of vehicle interior trim panels.

Range panels, pockets, carpet, coverings.

Performance criteria

4.1 Purposes of interior trim panels are described.

Range comfort, insulation, visual.

4.2 Principles of making interior trim panels are identified.

Range types of backings; types of coverings; designs; styles; types of fastenings; padding; using templates, tools and equipment.

4.3 Importance of using polythene under trim panels is described.

Range protect backing board from moisture, prevent leaks.

Outcome 5

Prepare to make a vehicle interior trim panel.

Range panels, pockets, carpet, coverings.

Performance criteria

5.1 Customer requirements and job specifications are identified and verified.

5.2 Materials that enable the trim panel to be made are identified, and used.

Range bitumen board, hardboard, ivory board, plywood, panel board, leather board, fasteners, adhesives, polythene, padding, covering.

5.3 Methods of fastening trim panel are identified.

Range screws, clips, buttons.

5.4 Old trim panel and accessories are removed to enable the panel to be made and fitted.

Outcome 6

Make and fit a vehicle interior trim panel.

Performance criteria

6.1 A template is created to enable the trim panel to be made.

- 6.2 Trim backing board is identified, marked out, and cut to template size.
- Range accessory holes, fastener holes.
- 6.3 Covering material and padding are identified and cut to size and fitted to the backing.
- Range adhesives, staples.
- 6.4 Fasteners are fitted to backing to enable the panel to be secured.
- 6.5 Trim panel is fitted.
- Range flush to panel, no distortion or gaps, accessories aligned and operable, no dust or water leaks, no splits on covering.
- 6.6 Panel is cleaned.
- Range no dust, dirt, marking, adhesive.

Planned review date	31 December 2026
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Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	21 August 1996	31 December 2023
Revision	2	14 November 2000	31 December 2023
Revision	3	16 October 2003	31 December 2023
Review	4	26 March 2007	31 December 2023
Rollover	5	27 January 2015	31 December 2023
Review	6	25 November 2021	N/A

Consent and Moderation Requirements (CMR) reference	0014
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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 Hanga-Aro-Rau – Manufacturing, Engineering, and Logistics Workforce Development Council qualifications@hangaarorau.nz if you wish to suggest changes to the content of this unit standard.