

Title	Develop and make up patterns in the industrial textile fabrication industry		
Level	4	Credits	6

Purpose	People credited with this unit standard are able to: identify customer requirements and select pattern material; mark out pattern shape; and make up a pattern, in the industrial textile fabrication industry.
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Classification	Industrial Textile Fabrication > Industrial Textile Fabrication Core Skills
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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

Identify customer requirements and select pattern material in the industrial textile fabrication industry.

Performance criteria

1.1 Customer requirements are identified.

Range paper, fabric, wood, metal, combination of materials.

1.2 Pattern material is selected to suit job in hand.

Range number to be produced, complexity of shape, recurring order.

Outcome 2

Mark out pattern shape in the industrial textile fabrication industry.

Performance criteria

2.1 Calculations are made to enable marking out of pattern in accordance with pattern specifications.

Range circular geometry, Pythagoras' theorem, regular and irregular areas, volumes of regular and irregular solids.

2.2 Required shape is developed in accordance with pattern specifications.

Range parallel line, radial line, triangulation, perpendiculars, arcs, angles, circles.

2.3 Required shape is marked out on the selected pattern material in accordance with pattern specifications.

Range pencil, felt pen, scribe, compass, straight edge, dividers.

Outcome 3

Make up a pattern in the industrial textile fabrication industry.

Performance criteria

3.1 Pattern is fabricated to the required shape and finish.

Range adhesive, rivet, screw, nail, weld.

3.2 Pattern is marked to identify its purpose and layout directions.

3.3 Documentation is completed.

Replacement information	This unit standard and unit standard 1325 replaced unit standard 8306.
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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	3 August 1995	31 December 2023
Revision	2	16 September 1997	31 December 2023
Revision	3	4 November 1997	31 December 2023
Revision	4	28 May 1998	31 December 2023
Review	5	17 August 1999	31 December 2023
Review	6	26 March 2007	31 December 2023
Rollover	7	27 January 2015	31 December 2023
Review	8	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.