

Title	Design, measure, and make a selection of articles in the industrial textile fabrication industry		
Level	4	Credits	10

Purpose	People credited with this unit standard are able to: design articles from customer requirements and draw them to scale; select, measure, mark out and cut the articles to size; and make articles.
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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.

4 Range

Competency in this unit standard applies to designing and making, without supervision, five articles from the following:

pop top sleeves; trailer cover; clothes line cover; awning; swag; shaped pool cover; annex; tent; curtain side; shade; canopy; three way window; tonneau cover; vehicle floor mats and/or rugs; vehicle convertible soft top; vehicle door panels; vinyl dash cover for bus, car, or boat; hand sewn leather steering wheel cover; vehicle head lining; tack-on windlace; vehicle seat cover; boat interior upholstery fittings; or any article of a similar or higher skill standard made in the workplace. Articles can include more than one of the same type.

Outcomes and performance criteria

Outcome 1

Design articles from customer requirements and draw them to scale.

Performance criteria

1.1 Customer requirements and job specifications are identified and verified.

1.2 Dimensions of the articles are determined.

1.3 Articles are designed and drawings are made.

Range drawings may include – scale, freehand, orthographic, pictorial, template.

Outcome 2

Select, measure, mark out, and cut the articles to size.

Performance criteria

2.1 Fabric is selected, laid out, measured, and marked out from the drawings.

Range checked for flaws, material recommended for the job, allowances, measuring accurate, marking accurate and legible, attachments.

2.2 Fabric is cut to size.

Range may include – matching pattern, allowance for seams, hems, stretch, shrinkage; allowance of ± 2 mm.

2.3 Fabric material is assembled and defects are identified and rectified.

Range defects may include – uneven cutting, variations in dimensions, ragged edges.

Outcome 3

Make articles.

Performance criteria

3.1 Material is assembled and stitched.

Range may include – sewing machine, hand sewing; stitching even, joints flat and even; allowance of ± 2 mm.

3.2 Attachments are fitted as necessary.

3.3 The articles are completed and quality checks are carried out.

Range may include – pleats, no missed stitching, piping even, neat and aligned, marks aligned, no wrinkles, matching patterns.

This unit standard is expiring. Assessment against the standard must take place by the last date for assessment set out below.

Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	26 March 2007	31 December 2023
Rollover	2	27 January 2015	31 December 2023
Review	3	25 November 2021	31 December 2026
Review	4	29 August 2024	31 December 2026

Consent and Moderation Requirements (CMR) reference

0014

This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.