

Title	Direct fabrication of a range of industrial textile products		
Level	4	Credits	20

Purpose	People credited with this unit standard are able to: direct the selection, measuring, mark out, and cutting of materials; and direct the assembly of industrial textile products.
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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.

Direct means to be responsible for the work and may involve doing the work, leading others to do the work or a combination of doing and leading.

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

Evidence is required for a minimum of five fabricated industrial textile jobs. Examples of products that may be used – tents, marquees, shade sails, awnings, screens, truck curtain sides, tarps, caravan awnings, squabs, boat and car upholstery, boat canopies and interior lining.

- 5 The unit standard is intended to cater to computer aided and hand fabricated contexts.

Outcomes and performance criteria

Outcome 1

Direct the selection, measuring, mark out, and cutting of materials.

Performance criteria

- 1.1 Textiles are 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.
- 1.2 Textiles are cut to size.
- Range may include – matching pattern, allowance for seams, hems, stretch, shrinkage, bonding, welding.
- 1.3 Textile material is assembled and defects are identified and rectified.
- Range defects may include – variable and/or uneven cutting, variations in finished dimensions, pattern alignment, incorrectly finished seams and hems, seam and hem quality.

Outcome 2

Direct the assembly of industrial textile products.

Performance criteria

- 2.1 Textiles are assembled.
- Range may include – hand sewing, machine sewing, gluing and bonding, high frequency welding, wedge welding, hot air welding (machine), hot air welding (hand).
- 2.2 Attachments are fitted.
- 2.3 Reinforcements are fabricated or installed.
- 2.4 Quality checks of completed products are carried out.
- Range may include – pleats, patterns correctly matched, assembly marks aligned, free from puckers and wrinkles, stitching tension correct, no missed stitches, piping and binding correctly finished, weld seams flat and even, weld seams correctly bonded.

Replacement information	This unit standard was replaced by skill standard 40089.
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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	27 January 2015	31 December 2023
Review	2	25 November 2021	31 December 2026
Review	3	29 August 2024	31 December 2026

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>.