

Title	Demonstrate knowledge of product design, specifications and production scheduling for industrial textile fabrication		
Level	4	Credits	4

Purpose	People credited with this unit standard are able to demonstrate knowledge of: customer requirements; producing designs and specifications for customer product; and scheduling product for production.
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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

Demonstrate knowledge of customer requirements.

Performance criteria

1.1 Initial contact with the customer is described.

Range onsite, offsite, safety.

1.2 Factors that have a bearing on the customer requirements are explained.

Range may include – product meets needs, attachments to structure, adjacent structures, wind, waterproof, environmental, construction, fabric requirements, retractable or permanent, aesthetic requirements, size constraints, customer budget, time deadlines; evidence of ten factors is required.

1.3 Methods to communicate product concept to the customer are described.

Range drawings, specifications.

Outcome 2

Demonstrate knowledge of producing designs and specifications for customer product.

Performance criteria

2.1 Procedures for obtaining dimensions for the product are described.

Range onsite, offsite, customer measurement, customer drawings.

2.2 Procedures for designing and drawing the product are described.

Range drawings – scale, freehand, orthographic, pictorial, computer aided design (CAD).

2.3 The importance of specifications meeting the functional and economic manufacturing requirements are described.

Range material and treatments, fittings and attachments, seams and hems, packing and packaging, engineering consultation.

2.4 The importance of specifications meeting the statutory, local bodies and environmental requirements are described.

Range engineering consultation.

2.5 Factors to take into consideration for gaining acceptance to produce the product are described.

Range verifying design and drawing, verifying and confirming price.

Outcome 3

Demonstrate knowledge of scheduling product for production.

Performance criteria

3.1 Factors to take into consideration when scheduling the product for production are described.

Range department workload, customer completion time, availability of materials, staff holidays, availability of sub-contractor/s.

3.2 Compiling a job sheet to track scheduling is described.

Range job sheet may include – job specifications, ordering materials, consents, start and completion date, related tasks.

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>.