

Title	Demonstrate knowledge of materials used in the industrial textile fabrication industry		
Level	3	Credits	5

Purpose	People credited with this unit standard are able to demonstrate knowledge of materials used 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 current version of 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 may include – technical information for a machine, or product detailing operation; installation and servicing procedures; manufacturer instructions; technical terms and descriptions; and detailed illustrations.

Outcomes and performance criteria

Outcome 1

Demonstrate knowledge of materials used in the industrial textile fabrication industry.

Performance criteria

- 1.1 Material types and their end-uses are described.
 - Range polyvinyl chloride (PVC), canvas, polyethylene (PE), nylon, acrylic, polyester, cotton duck, jute, leather, polyester cotton, polypropylene, polyfabrics, polytetrafluoroethylene (PTFE), shadecloth, mesh fabrics, vinyl, foam, thread.
- 1.2 Fabric construction is described.
 - Range woven, non-woven, knitted, mesh, ripstop weave, warp, weft, bias, selvedge, plain weave, coating, finish.
- 1.3 Rope and cord types are described.
 - Range synthetic and natural materials.
- 1.4 Webbing and binding types are described.
 - Range synthetic and natural materials.
- 1.5 Fabric flaws and faults are described.
 - Range imperfections and inconsistencies, handling or transport damage.
- 1.6 Safe storage of materials is described.

Replacement information	This unit standard and unit standard 1324 was replaced by skill standard 40021.
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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	26 March 2007	31 December 2018
Review	2	27 January 2015	31 December 2020
Review	3	28 February 2019	31 December 2026
Review	4	30 May 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>.