

Title	Demonstrate knowledge of tools and equipment used in the industrial textile fabrication industry		
Level	2	Credits	6

Purpose	People credited with this unit standard are able to demonstrate knowledge of: measuring equipment; hand-operated cutting and fastening tools and equipment; and power-operated tools, 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 Health and Safety at Work Act 2015; Resource Management Act 1991; 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 measuring equipment used in the industrial textile fabrication industry.

Performance criteria

- 1.1 Metric and imperial measuring equipment application and use are described.
- Range may include – rules, tapes, laser devices, spirit level, squares, plumb bobs, straight edges.
- 1.2 Importance of maintaining and checking measuring equipment for accuracy is described.

Outcome 2

Demonstrate knowledge of hand-operated cutting and fastening tools and equipment used in the industrial textile fabrication industry.

Performance criteria

- 2.1 Application and use of hand-operated tools and equipment are described.
- Range may include – scissors, thread snips, knives, side cutters, pliers, staple guns, clamps, manual presses, hydraulic presses.
- 2.2 Tools for attaching fasteners and fittings are described.
- Range may include – pop riveter, hammers, screwdrivers, spanners, mallets, swaging tools, splicing tools, hank attachment tools, punches.
- 2.3 Tools for cutting and finishing metal and timber are described.
- Range may include – hacksaw, tin snips, files and rasps, saws, bolt cutters, chisels, sanding block.
- 2.4 Importance of maintaining hand tools and equipment is described.

Outcome 3

Demonstrate knowledge of power-operated tools and equipment used in the industrial textile fabrication industry.

Performance criteria

- 3.1 Application and use of power tools and equipment are described.
- Range may include – compressor, portable generators, extension cords, hot knives, electric, pneumatic, drills, cutters, welding equipment, presses, rivet guns, nibblers, grinders, saws, sanders, staple guns.
- 3.2 Importance of maintaining power tools and equipment is described.

Replacement information	This unit standard and unit standard 23480 replaced unit standard 8298. This unit standard, unit standard 23480, unit standard 23491, and unit standard 23492 replaced unit standard 1314.
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Planned review date	31 December 2023
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Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	26 March 2007	31 December 2020
Rollover	2	27 January 2015	31 December 2020
Review	3	28 February 2019	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 MITO New Zealand Incorporated info@mito.org.nz if you wish to suggest changes to the content of this unit standard.