

40019

Use and maintain tools and equipment in an industrial textile fabrication or trimming workplace

Kaupae Level	3
Whiwhinga Credit	6
Whāinga Purpose	<p>This skill standard is intended for people who want to learn about how to use and maintain tools and equipment correctly and safely in an industrial textile fabrication or trimming workplace.</p> <p>This skill standard may be used in programmes leading to qualifications and micro-credentials at Level 3 and above in an industrial textile fabrication discipline.</p>

Hua o te ako me Paearu aromatawai | Learning outcomes and assessment criteria

Hua o te ako Learning outcomes	Paearu aromatawai Assessment criteria
1. Use and maintain measuring equipment in an industrial textile fabrication or trimming workplace.	a. Identify measuring equipment and describe how it is used.
	b. Explain the importance of maintaining measuring equipment.
	c. Calibrate measuring equipment.
	d. Perform measurement tasks.
2. Use and maintain hand operated tools and equipment in an industrial textile fabrication or trimming workplace.	a. Identify hand-operated tools and equipment and describe their uses.
	b. Use hand-operated tools and equipment safely and correctly to attach fasteners and fittings.
	c. Use hand-operated tools and equipment safely and correctly for cutting and finishing metal and timber.
	d. Carry out maintenance on hand-operated tools and equipment.
	e. Explain the importance of maintaining hand-operated tools and equipment.

3. Use and maintain power-operated tools and equipment in an industrial textile fabrication or trimming workplace.	a. Identify power-operated tools and equipment and describe their application.
	b. Use power-operated tools and equipment safely and correctly.
	c. Carry out maintenance on power-operated tools and equipment.
	d. Explain the importance of maintaining power-operated tools and equipment.

Pārongo aromatawai me te taumata paearu | Assessment information and grade criteria

Assessment specifications

The evidence presented for assessment against this skill standard must be consistent with safe working practices and be in accordance with applicable workplace requirements, industry guidelines, legislative requirements, and manufacturer's information.

Evidence must be provided of:

Three measuring tasks.

Correctly and safely using five hand-operated tools equipment and three power-operated tools and equipment commonly used in your workplace.

Carrying out maintenance on three different tools or pieces of equipment.

Definitions

Industry guidelines – those practices and procedures commonly used as standard procedures to produce items of acceptable saleable quality in the industrial textile fabrication and trimming industry such as related textbook descriptors.

Manufacturer's information – technical information for a machine or product detailing operation; installation and servicing procedures; manufacturer instructions; technical terms and descriptions; and detailed illustrations.

Workplace requirements – 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.

Ngā momo whiwhinga | Grades available

Achieved.

Ihirangi waitohu | Indicative content

Measuring equipment

- Measuring equipment, such as rules, tapes, laser devices, spirit level, squares, plumb bobs, straight edges.
- Checks for accuracy, such as comparing laser devices and tape measures against each other over a known accurate distance, check levels on a known level surface.

Tools

Hand operated tools and equipment, such as scissors, thread snips, knives, side cutters, pliers, staple guns, clamps, manual presses, hammers, screwdrivers, spanners.

- Tools for attaching fasteners and fittings, such as pop riveter, mallets, swaging tools, eyelet presses, durable dot fastener, punches.
- Cutting and finishing tools, such as hacksaw, tin snips, files and rasps, saws, bolt cutters, chisels, sanding block.
- Power-operated tools and equipment, such as compressor, portable generators, hot knives, electric, pneumatic, drills, cutters, welding equipment, presses, rivet guns, nibblers, grinders, saws, sanders, staple guns, hydraulic presses.

Rauemi | Resources

Legislation, regulations and/industry standards

Legislation, regulations and/or industry standards relevant to this skill standard include but are not limited to:

Health and Safety at Work Act 2015

Any new, amended or replacement Acts, regulations, standards, codes of practice, guidelines, or authority requirements or conditions affecting this skill standard will take precedence for assessment purposes, pending review of this skill standard.

Legislation can be accessed at: <https://www.legislation.govt.nz>.

Pārongo Whakaū Kouna | Quality assurance information

Ngā rōpū whakatau-paerewa Standard Setting Body	Hanga-Aro-Rau Engineering, Manufacturing and Logistics Workforce Development Council
Whakaritenga Rārangi Paetae Aromatawai DASS classification	Manufacturing > Industrial Textile Fabrication and Trimming > Industrial Textile Fabrication Core Skills
Ko te tohutoro ki ngā Whakaritenga i te Whakamanatanga me te Whakaōritenga CMR	0014

Hātepe Process	Putanga Version	Rā whakaputa Review Date	Rā whakamutunga mō te aromatawai Last date for assessment
Rēhitatanga Registration	1	30 May 2024	N/A
Kōrero whakakapinga Replacement information	This skill standard replaced unit standard 23479.		
Rā arotake Planned review date	31 December 2029		

Please contact Hanga-Aro-Rau Engineering, Manufacturing and Logistics Workforce Development Council at qualifications@hangaarorau.nz if you wish to suggest changes to this skill standard.