

40022

Prepare and cut materials to specifications in an industrial textile fabrication or trimming workplace

Kaupae Level	3
Whiwhinga Credit	8
Whāinga Purpose	<p>This skill standard is intended for people who want to learn how to prepare and cut materials to specifications 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. Describe the procedures used in the preparation and cutting of material in an industrial textile fabrication or trimming workplace.	a. Explain the importance of protecting surfaces and materials from damage when using a knife or a hot knife.
	b. Explain the importance of checking the material for batch variations in colour, and of matching fabric direction when cutting panels.
	c. Explain the differences between the bulk cutting method and the single layer cutting method.
	d. Explain the importance of labeling the cut pieces.
2. Prepare material for cutting and cut material for an industrial textile fabrication or trimming job.	a. Lay out material, check for defects and batch variations.
	b. Identify and recheck markings and cut material to job specifications.
	c. Label cut pieces for assembly or storage in accordance with job requirements.

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 cutting three separate fabrication or trimming jobs - a minimum of six panels of material for each job is required.

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.

Manual handling – using the body to lift, lower, push, pull, carry, move, hold, or restrain goods.

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.

Material(s) – fabric, fittings and any other components used in the manufacture of industrial textile fabrication and trimming products.

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

- Preparation procedures, such as layout, checking measurements, cutting list, adequate space, adequate lighting and ventilation, clean area, moving materials, checking cutting equipment.
- Protecting surfaces from damage when cutting, such as sacrificial board, protective underlining.
- Batch variations, such as colour grain or pile, patterns.
- Cutting methods, such as bulk cutting and single layer cutting.
- The importance of labeling the cut pieces such as, to ensure correct assembly and storage.

Rauemi | Resources

Legislation, regulations and/or 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 standards 23493 and 23494.		
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.