

40136 Use heat and steam to shape fabric in industrial sewing processes

Kaupae Level	3
Whiwhinga Credit	4
Whāinga Purpose	<p>This skill standard is intended for people who want to learn to use heat and steam in industrial sewing processes. These processes are used in a variety of sectors and the context will be provided through different learning experiences and assessment tasks.</p> <p>This skill standard can be used in qualifications or other credentials that incorporate industrial sewing skills.</p>

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

Hua o te ako Learning outcomes	Paearu aromatawai Assessment criteria
1. Perform preparation and finishing activities using heat and steam.	a. Prepare material for sewing.
	b. Shape and press seams, hems, darts and pleats.
	c. Use heat to bond materials together.
	d. Apply heat or steam to change the shape of materials.
2. Maintain equipment used for applying heat and steam.	a. Perform regular cleaning and maintenance tasks.
	b. Perform periodic maintenance tasks.

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

Assessment specifications:

Tasks may be completed using an industrial press, heat gun or domestic iron.

All tasks should be in accordance with product, style or garment specifications, workplace performance criteria and workplace procedures.

Assessment evidence can be from a work-based or classroom environment.

Evidence presented for learning outcome 1 must include a minimum of two examples of each process listed in the assessment criteria.

Definitions

Product, style or garment specifications refer to the documentation that accompanies each manufacturing order. This documentation sets out the fabric to be used for the product, the size range of the order, the garment assembly sequence, garment finishing procedures, and the garment component specifications.

Workplace performance criteria refer to the expected standard and speed of performance as set by the quality control management in the candidate's workplace. These criteria are determined by the construction of the garment, the fabric being used and the quality standards that apply in the candidate's workplace. These expectations must be explained and made available to the learner prior to assessment.

Workplace procedures refer to the verbal or documented procedures for performing work activities and include health and safety, operational, environmental, and quality management requirements. They may refer to manuals, manufacturer's specifications, codes of practice, or policy statements.

Ngā momo whiwhinga | Grades available

Achieved

Ihirangi waitohu | Indicative content

- Pressing and its importance in construction, including the difference between pressing and ironing.
- Different types of pressing equipment used in industrial sewing, such as steam irons, steam press machines, pressing tables.
- Potential hazards such as burns and steam-related injuries.
- How different types of fabric react to pressing, such as natural fibres, synthetic fibres, blends.
- The impact of fabric texture, weight, and weave on pressing techniques.
- Methods for achieving crisp edges, flat seams, and smooth finishes.
- Pressing aids such as pressing cloths and seam rolls.
- Common pressing problems such as shine, puckering, seam impressions. What causes them and how to correct them.
- Regular maintenance tasks such as cleaning.
- Periodic maintenance tasks, such as descaling.

Rauemi | Resources

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 > Clothing Manufacture > Apparel Cutting and Sewing
Ko te tohutoro ki ngā Whakaritenga i te Whakamanatanga me te Whakaōritenga CMR	0030

Hātepe Process	Putanga Version	Rā whakaputa Review Date	Rā whakamutunga mō te aromatawai Last date for assessment
Rēhitatanga Registration	1	29 August 2024	N/A
Kōrero whakakapinga Replacement information	N/A		
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.