

**40089****Lead an advanced textiles project**

<b>Kaupae   Level</b>	4
<b>Whiwhinga   Credit</b>	19
<b>Whāinga   Purpose</b>	<p>This skill standard is intended for people who want to learn to lead all phases of a large or complex advanced textiles project. This includes directing and monitoring others to ensure projects are completed to an acceptable standard within an appropriate time frame.</p> <p>This skill standard can be used in programmes leading to the New Zealand Certificate in Advanced Textiles (Level 4) with strands in Industrial Textiles Fabrication, and Industrial Trimming [Ref: 5060].</p>

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

<b>Hua o te ako   Learning outcomes</b>	<b>Paearu aromatawai   Assessment criteria</b>
1. Complete a health and safety risk analysis for an advanced textiles project.	a. Identify hazards associated with location/s where the project work will be carried out.
	b. Identify hazards associated with the materials and hardware used in a project.
	c. Identify hazards associated with the tools and equipment used in a project.
	d. Assess each risk and determine which need to be dealt with and in what order.
	e. Develop control measures for each hazard to minimise or eliminate the related risk.
	f. Complete documentation and communication requirements.
2. Monitor the production of a large or complex advanced textiles project from start to completion.	a. Monitor actual time taken to complete tasks against planned time and communicate progress with team throughout the project.
	b. Compare actual staffing used to complete tasks with staffing allocation recorded in scheduling document or tool.
	c. Adjust scheduling document or tool to show variance between planned and actual tasks.

Hua o te ako   Learning outcomes	Paearu aromatawai   Assessment criteria
3. Lead the selection, measuring, marking out and cutting of materials for a large or complex advanced textiles project.	a. Lead the selection and laying out of materials, ensuring the correct material is selected and checked for flaws.
	b. Lead the measuring and marking out of materials, ensuring appropriate allowances are applied, measuring is accurate, and marking includes attachments, and is accurate and legible.
	c. Lead the cutting of materials to ensure they are cut according to job specifications.
4. Lead the assembly phase of a large or complex advanced textiles project.	a. Lead the correct assembly of the product in accordance with job requirements.
	b. Lead the correct fitting of reinforcement and attachments in accordance with job requirements.
5. Communicate with internal or external customer throughout production of a large or complex advanced textiles project.	a. Communicate project milestones to the customer.
6. Perform job quality checks throughout a large or complex advanced textiles project.	a. Carry out quality checks on projects following completion of key stages or tasks.
	b. Use results of testing to inform further action to manage project quality.

### 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 leading the full or partial production of three large or complex projects.

Examples of projects that may be used include (but are not limited to): tents, marquees, shade sails, awnings, screens, truck curtain sides, tarps, caravan awnings, squabs, boat and car upholstery, boat canopies and interior lining.

#### Definitions

**Complex projects** – projects that have a level of complexity in their production, e.g. multiple materials to be sourced, advanced technical skills required, coordination of other agencies or contractors, multiple components or parts to the product.

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

**Large projects** – projects that have additional production requirements due to their size or volume, e.g. high quantity of material, high labour needs, large production area.

**Lead** – to be responsible for the work and may involve doing the work, leading others to do the work or a combination of doing and leading.

**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**

- The range of locations that need to be considered beyond the workplace, such as at a customer's site, in vehicles, at heights.
- Processes and documentation used when completing a health and safety risk assessment.
- Hazards associated with the location of the manufacturing (eg. on-site, off-site, confined spaces, heights).
- Hazards associated with producing a product that could lead to work related health and safety risks.
- Control measures for each hazard to minimise or eliminate the related risk.
- The importance of engaging with workers when identifying and assessing risks and determining control measures.
- Job specifications for cutting materials, such matching pattern, stretch, shrinkage, allowance for seams, hems, and welding.
- Assembly, such as machine sewing, gluing and bonding, stapling, welding.
- Types of quality management practices used, such as self-management review, peer review, quality checklist, inspections, fault corrections, production audit, quality control, quality assurance.
- Key stages/tasks in a production process when quality checks are performed, such as measurements, marking out and cutting, stitching and seams, welding.

### **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>.

Worksafe Fact Sheet – Identifying, assessing and managing work risks (July 2017). Available at: <https://www.worksafe.govt.nz/assets/dmsassets/839WKS-5-HSWA-identifying-assessing-managing-work-risks.pdf>.

**Pārongo Whakaū Kouna | Quality assurance information**

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

<b>Hātepe   Process</b>	<b>Putanga   Version</b>	<b>Rā whakaputa   Review Date</b>	<b>Rā whakamutunga mō te aromatawai   Last date for assessment</b>
<b>Rēhitatanga   Registration</b>	1	29 August 2024	N/A
<b>Kōrero whakakapinga   Replacement information</b>	This skill standard replaced unit standard 28576.		
<b>Rā arotake   Planned review date</b>	31 December 2029		

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