

**40032****Carry out on-site installation of an industrial textile fabrication product**

<b>Kaupae   Level</b>	3
<b>Whiwhinga   Credit</b>	15
<b>Whāinga   Purpose</b>	<p>This skill standard is intended for people who want to learn how to carry out a safe on-site installation of an industrial textile fabrication product in accordance with legislative and health and safety requirements.</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**

<b>Hua o te ako   Learning outcomes</b>	<b>Paearu aromatawai   Assessment criteria</b>
1 Identify and describe the legislative requirements for on-site installation of industrial textile fabrication products.	a. Identify all legislation and safety guidelines relevant to on-site health and safety.
	b. Identify relevant building code requirements and industry practices.
	c. Explain the importance of complying with any engineering specifications or requirements in job specifications.
	d. Describe the safety requirements for installation of products in schools and education facilities and explain why they are important.
2. Describe relevant health and safety policies, procedures and safe working practices for onsite installation of industrial textile fabrication products	a. Describe the relevant health and safety policies and procedures, recording processes, and documentation requirements when working on-site.
	b. Describe the health and safety procedures followed when working with sub-contractors, and when working as a sub-contractor on an installation site.
	c. Identify the personal protective equipment required when working on an installation site.
	d. Identify the methods used to protect against concrete cutting or silica dust and explain

	why it is important.
	e. Describe the safe manual handling practices used when working on an installation site.
	f. Describe safe practices used when working at heights on an installation site.
	g. Explain the risks associated with working at heights in terms of the potential for injury and describe risk reduction measures.
	h. Explain when installers would be required to hold Working at Heights Certification prior to going on-site.
3. Prepare for the transportation of an industrial textile fabrication product to the installation site.	a. Check finished product meets job specifications and communicate any discrepancies to the appropriate person.
	b. Identify fixings, tools and equipment required for installation in accordance with job specification and health and safety requirements.
	c. Check arrangements have been made for equipment hireage, sub-contractors, and relevant compliance requirements have been met.
4. Transport and industrial textile fabrication product safely and securely to installation site.	a. Describe the relevant Waka Kotahi - New Zealand Transport Agency (NZTA) requirements for safe loading and towing.
	b. Safely load product, fixings, tools and equipment required for installation in vehicle or on trailer.
	c. Load, secure, and protect product for transportation to the installation site.
	d. Communicate with customer regarding product installation on arrival at the installation site.
	e. Select method for safe unloading of product on-site to ensure it is protected and explain the reason for your choice.
	f. Safely unload product, fixings, tools and equipment.

5. Install an industrial textile fabrication product on-site.	a. Describe the methods used for installing and fixing industrial textile fabrication products.
	b. Check health and safety risk assessment and set up site for installation.
	c. Explain the steps required and fixings used to carry out the installation.
	d. Set up tools and equipment and safely carry out installation.
6. Complete final processes and handover to customer.	a. Describe the procedures for completion checks.
	b. Carry out completion checks and rectify any discrepancies and quality or operational faults.
	c. Clean up site, remove waste and make the area safe.
	d. Communicate job completion to customer.
	e. Demonstrate correct use and explain care and maintenance of product to customer, providing any relevant written information.
	f. Complete documentation and customer final signoff process in accordance with workplace procedures.

## 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 the transportation to site and on-site installation of three different industrial textile fabrication products. Assessment activities can be simulations of on-site installation practices.

Examples of products that may be used include (but are not limited to): awnings (fixed or retractable), shade sails, screens or blinds (manual, rollup, or automated), tensioned roof canopies and structures (fixed or retractable).

### 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.

On-site – a location outside the workplace, such as a school, business, or private residence.

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**

### **Legislation and regulations**

- Health and safety guidelines, such as traffic management, working at heights, work site induction.
- Building code requirements, such as for fixing to or penetrating roofs and walls, concrete strengths, building consent requirement parameters.
- Safety requirements for installation in schools and education facilities, such as police checks, scheduling work outside of school hours.
- Personal protective equipment in addition to standard equipment, such as protection from weather hazards.
- Safe handling practices, such as working in restricted space and/or at height.
- Manual handling: <https://www.worksafe.govt.nz/topic-and-industry/manual-handling/>.
- Safe practices when working at heights, such as step ladders, scissor lifts, scaffolding, cherry picker ladders.

### **Installation**

- Fixings, tools and equipment, such as PPE, fixings, bolts, screws, ladders.
- Installation steps and fixings, such as set levels, additional structural support, concrete footings, roof fixings, sealing for weather tightness, screw and bolt types.

### **Transport and site management**

- Arrangements, such as scaffolding, traffic management, electrician, building consent.
- Communication, such as advising on-site health and safety requirements, access, preferred location for product storage.
- Health and safety for installation, such as safety barriers, signage.
- WorkSafe Managing work site traffic – Good practice guidelines [Managing work site traffic – Good practice guidelines | WorkSafe](#).
- NZTA Guide to safe loading and towing for light vehicles - [Guide Safe Loading Towing | Waka Kotahi NZ Transport Agency \(nzta.govt.nz\)](#)
- NZTA Official Truck Loading Code - [tlc.pdf \(nzta.govt.nz\)](#).

### **Documentation**

- Documentation, such as checklist, photographs, supervisor signoff.

- Written information for customers, such as manufacturer's instructions, warranties.

## 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;

Building Act 2004.

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 Kounga | 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 and Trimming > Industrial Textile Fabrication Core Skills
<b>Ko te tohutoro ki ngā Whakaritenga i te Whakamanatanga me te Whakaōritenga  </b> CMR	0014

<b>Hātepe  </b> Process	<b>Putanga  </b> Version	<b>Rā whakaputa  </b> Review Date	<b>Rā whakamutunga mō te aromatawai  </b> Last date for assessment
<b>Rēhitatanga  </b> Registration	1	30 May 2024	N/A
<b>Kōrero whakakapinga  </b> Replacement information	N/A		
<b>Rā arotake  </b> Planned review date	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.