

Field Manufacturing

Review of *Industrial Textile Fabrication* unit standards and Registration of *Industrial Textile Fabrication* skill standards

Subfield	Domain	ID
Industrial Textile Fabrication	Industrial Textile Fabrication Core Skills	1320, 1324, 5022, 14145, 23479, 23481-23490, 23493-23497, 23499 – 234502, 234504, 234505, 234507, 31510, 31764.

Hanga-Aro-Rau Manufacturing, Engineering and Logistics Workforce Development Council has completed the review of the unit standards listed above.

Date new versions published

May 2024

Planned review date

December 2029

Summary

The review of unit standards was conducted in conjunction with the review of:

- New Zealand Certificate in Industrial Textile Fabrication (Level 3) [Ref: 2543]
- New Zealand Certificate in Industrial Textile Fabrication (Level 4) [Ref: 2544]

Hanga-Aro-Rau completed a combined review of the above qualifications in response to a request from industry. The technical advisory group consisted of MAST Academy, a key provider, and representatives from industry covering both fabrication and trimming. Thirteen new skill standards were developed to replace the 29 unit standards listed. One new skill standard was developed to meet the need identified by industry for an installation micro-credential.

Main changes

- 29 unit standards were set to expire and were replaced with 13 skill standards to reflect current industry practice.
- Skill standard 40032 was developed to address skills and knowledge gaps required for on-site installation of industrial fabrication products.

Category C unit standards will expire at the end of December 2026

Impact on existing organisations with consent to assess

Current consent for			Consent extended to		
Nature of consent	Classification or ID	Level	Nature of consent	Classification or ID	Level
Domain	Industrial Textile Fabrication Core Skills	2	Standards	40015, 40019	3
Standard	1320	3	Standard	40028	3
Standard	14145	3	Standard	40025	3
Standard	23479	3	Standard	40019	3
Standards	23487, 23488	3	Standard	40020	3
Standards	23489, 23490	3	Standard	40018	3
Standards	23493, 23494	3	Standard	40022	3

Detailed list of unit standards – classification, title, level, and credits

All changes are in **bold**.

Key to review category	
A	Dates changed, but no other changes are made - the new version of the standard carries the same ID and a new version number
B	Changes made, but the overall outcome remains the same - the new version of the standard carries the same ID and a new version number
C	Major changes that necessitate the registration of a replacement standard with a new ID
D	Standard will expire and not be replaced

Manufacturing > Industrial Textile Fabrication > Industrial Textile Fabrication Core Skills

ID	Title	Level	Credit	Review Category
1320	Repair damaged product in the industrial textile fabrication industry	3	6	C
40028	Carry out elementary repairs to damaged products in an industrial textile fabrication or trimming workplace	3	6	
1324	Describe and determine permeability and flame retardancy of fabrics used in industrial textile fabrication	4	3	C
23495	Demonstrate knowledge of materials used in the industrial textile fabrication industry	3	5	
40021	Describe materials used in the industrial textile fabrication or trimming industry	3	6	
5022	Identify and confirm job specifications for industrial textile fabrication	3	2	C
23487	Demonstrate knowledge of measuring and marking material, and making templates for industrial textile fabrication	3	3	
23488	Select, measure and mark out materials for industrial textile fabrication	3	6	
23496	Demonstrate and apply knowledge of freehand sketching and geometric shapes for industrial textile fabrication	3	5	
31510	Carry out measurements and calculations for a project in the industrial textile fabrication industry	2	3	
40020	Measure, make patterns or templates, and mark out material in an industrial textile fabrication or trimming workplace	3	15	
14145	Identify, remove, and fit zips in the industrial textile fabrication industry	3	3	C
23497	Demonstrate knowledge of zips used in the industrial textile fabrication industry	3	4	
40025	Fit and remove zips in an industrial textile fabrication or trimming workplace	3	5	
23479	Demonstrate knowledge of tools and equipment used in the industrial textile fabrication industry	2	6	C
40019	Use and maintain tools and equipment in an industrial textile fabrication or trimming workplace	3	6	
23481	Describe seaming and hemming work in the industrial textile fabrication industry	3	4	C
23482	Perform seaming and hemming work in the industrial textile fabrication industry	3	10	
40023	Perform elementary seaming and hemming work in an industrial textile fabrication or trimming workplace	3	9	

ID	Title	Level	Credit	Review Category
23483	Demonstrate knowledge of reinforcements and attachments used in the industrial textile fabrication industry	3	5	C
23484	Fit reinforcements and attachments used in the industrial textile fabrication industry	3	7	
40024	Fit reinforcements and attachments in an industrial textile fabrication or trimming workplace	3	9	
23485	Demonstrate knowledge of product packing procedures on completion of industrial textile fabric product work	2	2	C
23486	Pack product on completion of industrial textile fabric product work	2	2	
23507	Perform a quality check in the industrial textile fabrication industry	4	10	
40030	Prepare finished products for customers in an industrial textile fabrication or trimming workplace	3	8	
23489	Demonstrate knowledge of sewing machines used in the industrial textile fabrication industry	3	4	C
23490	Set up and maintain a sewing machine in the industrial textile fabrication industry	3	4	
40018	Set up and maintain sewing machines used in an industrial textile fabrication or trimming workplace	3	6	
23493	Demonstrate knowledge of cutting materials in the industrial textile fabrication industry	3	2	C
23494	Cut material in the industrial textile fabrication industry	3	6	
40022	Prepare and cut materials to specifications in an industrial textile fabrication or trimming workplace	3	8	
23499	Demonstrate knowledge of fabric welding in the industrial textile fabrication industry	3	4	C
23500	Operate a high frequency welding machine in the industrial textile fabrication industry	3	4	
23501	Operate a hot air welder in the industrial textile fabrication industry	3	4	
23502	Operate a hot wedge welder in the industrial textile fabrication industry	3	4	
40027	Perform elementary fabric welding work in an industrial textile fabrication or trimming workplace	3	6	
23504	Demonstrate knowledge of adhesives, sealants, solvents and hazardous materials used in industrial textile fabrication	3	3	
23505	Use adhesives, sealants, solvents, and store and dispose of hazardous materials used in industrial textile fabrication	3	3	C
40026	Use hazardous materials safely in an industrial textile fabrication or trimming workplace	3	6	
31764	Demonstrate knowledge of organisational procedures and safe work practices in industrial textile fabrication	2	8	
40015	Describe safe work practices, policies and procedures in an industrial textile fabrication or trimming workplace	3	11	C
40032	Carry out on-site installation of an industrial textile fabrication product	3	15	
				New