

Field Manufacturing

Review of unit standards and registration of skill standards for *Industrial Textile Fabrication*

Subfield	Domain	ID
Industrial Textile Fabrication	Industrial Textile Fabrication Core Skills	1325, 1326, 1327, 5021, 11806, 16704, 23498, 23508, 23510, 23511, 23512, 28573, 28574, 28575, 28576
	Vehicle Trimming and Upholstery	8304, 8310, 8311, 8312, 8313

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

Date new versions published

August 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 Industrial Textile Manufacturing qualifications in response to a request from industry. The technical advisory group consisted of MAST Academy and representatives from industry covering both fabrication and trimming. The review identified the need for the Level 4 qualification to provide the ability for specialist fabrication or trimming skills. and subsequently two strands were developed: Fabrication and Trimming. Skill standards were then developed to align with the reviewed qualification.

Main changes

- Seven new skill standards were developed for Level 4 core skills replacing 10 unit standards.
- Three new skill standards were developed for Level 4 core skills to reflect current industry practice.
- Four new skill standards were developed to meet the requirements of the Fabrication and Trimming strands in the New Zealand Certificate in Advanced Textiles (Level 4).
- 10 unit standards are expiring without replacement as they are no longer fit for purpose.

Category C and D 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	3	Domain	Industrial Textile Fabrication and Trimming	4
Domain	Vehicle Trimming and Upholstery	4-5	Domain	Industrial Textile Fabrication and Trimming	4
Standard	1326	4	Standard	40093	4

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

ID	Domain	Title	Level	Credit	Review Category
1326	Industrial Textile Fabrication Core Skills	Develop and make up patterns in the industrial textile fabrication industry	4	6	C
40093	Industrial Textile Fabrication and Trimming	Develop and make up patterns and templates for an advanced textiles project	4	10	
8311	Vehicle Trimming and Upholstery	Carry out vehicle trimming carpentry requirements, and make and fit a vehicle interior trim panel	4	4	C
8313	Vehicle Trimming and Upholstery	Repair vinyl by welding in the vehicle trimming industry	4	3	C
40102	Industrial Textile Fabrication and Trimming	Apply trimming techniques to an advanced textiles project	4	9	

Manufacturing > Industrial Textile Fabrication> Industrial Textile Fabrication Core Skills

ID	Title	Level	Credit	Review Category
1325	Produce product design and job specifications for a customer in the industrial textile fabrication industry	4	12	D
1327	Estimate job costs and quote to customer for industrial textile fabrication products	4	10	C
40086	Prepare an estimate and a quote for advanced textiles projects	4	4	
5021	Produce detailed drawings for industrial textile fabrication products	4	6	C
16704	Interpret sketches and construct geometric shapes for industrial textile fabrication products	4	2	C
40087	Develop detailed working drawings for an advanced textiles project	4	6	
11806	Make and repair a boat cockpit canopy and side curtains	4	10	D

ID	Title	Level	Credit	Review Category
23498	Demonstrate knowledge of computer aided design in the industrial textile fabrication industry	4	2	D
23508	Demonstrate knowledge of industrial textile fabrication materials for performance requirements	4	8	C
40083	Select materials for an advanced textiles project	4	14	
23510	Demonstrate knowledge of product design, specifications and production scheduling for industrial textile fabrication	4	4	D
23511	Design, measure, and make a selection of articles in the industrial textile fabrication industry	4	10	D
23512	Demonstrate knowledge of quality concepts in the industrial textile fabrication industry	4	4	D
28573	Determine resources for industrial textile fabrication jobs	4	10	C
28574	Procure materials for industrial textile fabrication jobs	4	10	C
40088	Procure materials and schedule production and resourcing for an advanced textiles project	4	10	
28575	Schedule work for industrial textile fabrication jobs	4	10	D
28576	Direct fabrication of a range of industrial textile products	4	20	C
40089	Lead an advanced textiles project	4	19	
40084	Select hardware for an advanced textiles project	4	6	New
40085	Establish customer requirements and develop a concept for an advanced textiles project	4	5	New
40091	Lead post completion and customer handover processes for an advanced textiles project	4	4	New

Manufacturing > Industrial Textile Fabrication> Industrial Textile Fabrication and Trimming

ID	Title	Level	Credit	Review Category
40092	Generate machine specifications for an advanced textiles project	4	15	New
40096	Measure, mark out and cut material to size for an advanced textiles project	4	8	New
40097	Weld large or complex items for an advanced textiles project	4	9	New
40098	Sew large or complex items for an advanced textiles project	4	8	New

Manufacturing > Industrial Textile Fabrication> Vehicle Trimming and Upholstery

ID	Title	Level	Credit	Review Category
8304	Design and produce vehicle seats	4	10	D
8310	Re-cover and repair a damaged vehicle dash panel	4	4	D
8312	Make and repair a convertible top and side curtains for a vehicle	4	10	D