

Field Manufacturing**Review, Revision and Rollover of *Industrial Textile Fabrication* unit standards**

Subfield	Domain	ID
Industrial Textile Fabrication	Canvas Fabrication	23515, 23516-23518
Industrial Textile Fabrication	Industrial Textile Fabrication Core Skills	1320, 1324, 1325 , 1326, 1327 , 5021, 5022, <i>11806</i> , 14145, 16704, 23478-23480, <i>23481</i> , 23482, 23483 , 23484-23486, <i>23487</i> , 23488-23494, 23495 , 23496, 23497, <i>23498</i> , 23499-23505, <i>23506</i> , 23507-23511, <i>23512</i> , 23513, 23514
Industrial Textile Fabrication	Sailmaking	11801, <i>11802</i> , 11803-11805, 11807-11814, <i>23519</i>
Industrial Textile Fabrication	Vehicle Trimming and Upholstery	<i>8304</i> , 8305, <i>8310</i> , 8311, <i>8312</i> , 8313, 8318, 8319, 8321, <i>23520</i> , <i>23521</i> , 23522-23532

The NZ Motor Industry Training Organisation (Incorporated) (MITO) has completed the review, rollover and revision of the unit standards listed above. Unit standards in **bold** have been reviewed. All other unit standards have been rolled over. Unit standards in italics have also been revised.

Date new versions published

January 2015

Planned review date

December 2019

Summary

This review of unit standards was conducted in conjunction with the Targeted Review of Qualifications (TRoQ) and mandatory review of Industrial Textile Fabrication qualifications. Four new unit standards have been developed to meet the reviewed industry needs. Five existing unit standards have been reviewed; fifteen unit standards have been revised and rolled over, and the remainder of the Industrial Textile Fabrication subfield have been rolled over.

Main changes

- Four new unit standards have been developed.
- Five unit standards have been reviewed.
- Fifteen unit standards have been revised and rolled over.
- Sixty seven unit standards have been rolled over.

Impact on Consent and Moderation Requirements (CMR)

None.

Impact on registered qualifications

Key to type of impact	
Affected	The qualification lists a reviewed classification (domain or subfield) in an elective set The qualification lists a standard that has changes to level or credits The qualification lists a C or D category standard
Not materially affected	

The following NZ MITO qualifications are impacted by the outcome of this review and replacement qualifications have been submitted for approval to list in conjunction with this review.

Ref	Qualification Title	Classification or ID
1340	National Certificate in Industrial Textile Fabrication (Level 3) with strands in Canvas Fabrication; Sailmaking; and Vehicle Trimming and Upholstery	23483, 23495, 23514
1341	National Certificate in Industrial Textile Fabrication (Level 4) with strands in Canvas Fabrication; Sailmaking; and Vehicle Trimming and Upholstery	1327

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

Reviewed standards

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

Industrial Textile Fabrication > Industrial Textile Fabrication Core Skills

ID	Title	Level	Credit	Review Category
1325	Establish product design and job specifications for industrial textile fabrication	4	12	B
1327	Estimate job costs and quote to customer for industrial textile fabrication products	4	9 10	B
23483	Demonstrate knowledge of reinforcements and attachments used in the industrial textile fabrication industry	3	2 5	B
23495	Demonstrate knowledge of materials used in the industrial textile fabrication industry	3	4 5	B
23514	Demonstrate knowledge of legislation and safe work practices in the industrial textile fabrication industry	3	4 5	B
28573	Plan resources for industrial textile fabrication jobs	4	10	New
28574	Procure materials for industrial textile fabrication jobs	4	10	New

ID	Title	Level	Credit	Review Category
28575	Schedule work for industrial textile fabrication jobs	4	10	New
28576	Direct fabrication of a range of industrial textile products	4	20	New

Rolled over and revised standards

Industrial Textile Fabrication > Canvas Fabrication

ID	Title	Level	Credit
23515	Demonstrate knowledge of terminology used in the canvas fabrication and related industries	2	2
23516	Make a selection of articles under supervision in the canvas fabrication industry	3	15
23517	Make up aluminium framing for a canvas fabrication application	4	10
23518	Make up steel framing for a canvas fabrication application	4	10

Industrial Textile Fabrication > Industrial Textile Fabrication Core Skills

ID	Title	Level	Credit
1320	Repair damaged product in the industrial textile fabrication industry	3	6
1324	Determine permeability and flame retardancy of materials used in industrial textile fabrication	4	3
1326	Develop and make up patterns in the industrial textile fabrication industry	4	6
5021	Produce detailed design drawings for industrial textile fabrication products	4	6
5022	Identify and confirm job specifications in the industrial textile fabrication industry	3	2
11806	Make and repair a boat cockpit canopy and side curtains	4	10
14145	Identify, remove, and fit zips in the industrial textile fabrication industry	3	3
16704	Interpret sketches and construct geometric shapes for industrial textile fabrication production	4	2
23478	Carry out personal workplace requirements in the industrial textile fabrication industry	2	5
23479	Demonstrate knowledge of tools and equipment used in the industrial textile fabrication industry	2	3
23480	Select and use tools and workshop equipment in the industrial textile fabrication industry	3	6
23481	Demonstrate knowledge of seaming and finishing in the industrial textile fabrication industry	3	2
23482	Perform seaming and finishing operations in the industrial textile fabrication industry	3	7
23484	Fit reinforcements and attachments used in the industrial textile fabrication industry	3	7
23485	Demonstrate knowledge of packing and presenting product on completion of industrial textile fabric product work	2	2

ID	Title	Level	Credit
23486	Pack and present product on completion of industrial textile fabric product work	2	2
23487	Demonstrate knowledge of measuring and marking material, and making templates for industrial textile fabrication	3	3
23488	Identify job details, and measure and mark out material for industrial textile fabrication	3	6
23489	Demonstrate knowledge of sewing machines used in the industrial textile fabrication industry	3	2
23490	Operate a sewing machine in the industrial textile fabrication industry	3	10
23491	Demonstrate knowledge of hand sewing materials in the industrial textile fabrication industry	3	2
23492	Hand sew materials and finish rope work in the industrial textile fabrication industry	3	5
23493	Demonstrate knowledge of the cutting and shaping of materials in the industrial textile fabrication industry	3	2
23494	Cut and shape material in the industrial textile fabrication industry	3	7
23496	Demonstrate knowledge of freehand sketching and geometric shapes, and draw to scale for industrial textile fabrication	3	5
23497	Demonstrate knowledge of zips used in the industrial textile fabrication industry	3	2
23498	Demonstrate knowledge of computer aided design (CAD) in the industrial textile fabrication industry	3	2
23499	Demonstrate knowledge of fabric welding in the industrial textile fabrication industry	3	4
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
23503	Demonstrate knowledge of developing patterns in the industrial textile fabrication industry	4	2
23504	Describe adhesives, solvents, and hazardous materials used in the industrial textile fabrication industry	3	3
23505	Use adhesives, solvents, and hazardous materials in the industrial textile fabrication industry	3	3
23506	Demonstrate knowledge of quality control standards in the industrial textile fabrication industry	3	2
23507	Apply quality standards in the industrial textile fabrication industry	4	4
23508	Demonstrate knowledge of industrial textile fabrication materials for performance requirements	4	6
23509	Select industrial textile fabrication materials to meet performance requirements	4	7
23510	Demonstrate knowledge of establishing product design and job specifications for industrial textile fabrication	4	2

ID	Title	Level	Credit
23511	Design, measure, and make a selection of articles in the industrial textile fabrication industry	4	10
23512	Demonstrate knowledge of quality concepts in the industrial textile fabrication industry	4	4
23513	Demonstrate knowledge of job specifications for the industrial textile fabrication industry	3	2

Industrial Textile Fabrication > Sailmaking

ID	Title	Level	Credit
11801	Modify and test a sail in the sailmaking industry	4	15
11802	Demonstrate knowledge of boat rigging in the sailmaking industry	2	4
11803	Make and fit patches to sails in the sailmaking industry	2	5
11804	Measure, mark out, and make covers in the sailmaking industry	3	10
11805	Repair a damaged sail in the sailmaking industry	3	8
11807	Identify job requirements, draw a scale plan, and make a sail pattern in the sailmaking industry	4	8
11808	Identify requirements and design a sail in the sailmaking industry	5	20
11809	Measure, mark out, and cut material for sail production in the sailmaking industry	3	12
11810	Assemble and stick sail panels together in the sailmaking industry	4	16
11811	Carry out second layout measurement check and trim in the sailmaking industry	4	15
11812	Sew materials in the sailmaking industry	3	8
11813	Hand work materials in the sailmaking industry	3	15
11814	Set up and cut materials using a computerised plot cutter in the sailmaking industry	3	5
23519	Demonstrate knowledge of the sail construction process in the sailmaking industry	3	4

Industrial Textile Fabrication> Vehicle Trimming and Upholstery

ID	Title	Level	Credit
8304	Design and make motor vehicle seats	4	10
8305	Use and maintain an overlocker in the vehicle trimming and related industries	3	4
8310	Re-cover and repair a damaged vehicle dash panel	4	4
8311	Carry out vehicle trimming carpentry requirements, and make and fit a vehicle interior trim panel	4	4
8312	Make and repair a convertible top and side curtains for a vehicle	4	10
8313	Repair damaged vinyl by welding in the vehicle trimming industry	4	3
8318	Make buttons and carry out buttoning in the vehicle trimming and related industries	2	1
8319	Identify damage, write a job sheet, and prepare an estimate and quotation for vehicle trimming	5	7
8321	Make and fit a lumbar support for a motor vehicle seat and rectify a damaged mechanical lumbar support	3	2
23520	Demonstrate knowledge of motor vehicle seats in the vehicle trimming industry	3	2
23521	Repair motor vehicle seats in the vehicle trimming industry	3	6
23522	Demonstrate knowledge of squabs, cushions, and buttons for a motor vehicle seat	3	2
23523	Make and fit a squab and cushion cover for a motor vehicle seat	3	4
23524	Demonstrate knowledge of pleating, fluting, piping, and quilting in the vehicle trimming and related industries	3	2
23525	Carry out pleating, fluting, piping, and quilting in the vehicle trimming and related industries	3	3
23526	Demonstrate knowledge of underlay and carpet in the vehicle trimming industry	3	2
23527	Make, fit, and repair vehicle underlay and carpet	3	4
23528	Demonstrate knowledge of vehicle headlinings in the vehicle trimming industry	3	4
23529	Make, repair, and fit a vehicle material headlining	3	6
23530	Remove, repair, and refit a vehicle moulded headlining	3	4
23531	Demonstrate knowledge of seals, welts, edge trims, and rubbers in the vehicle trimming industry	3	2
23532	Remove and replace seals, welts, edge trims, and rubbers; and adjust seals and rubbers in the vehicle trimming industry	3	3