

Field Engineering and Technology**Review of the *Motor Industry* unit standards**

Subfield	Domain	ID
Motor Industry	Automotive Administration	249, 24077
	Automotive Refinishing	24004, 24009
	Automotive Workshop Engineering	21858
	Motor Industry – Introductory Skills	16113
	Vehicle Bodywork	21693, 21698, 21703, 21706, 22803, 22927
	Vehicle Spraypainting	21102

MITO New Zealand Incorporated has completed the review of the unit standards listed above.

Date new versions published

August 2016

Planned review date

August 2021

Summary

As a result of work carried out by MITO on the Targeted Review of Qualifications unit standards from the Motor Industry subfield have been reviewed. These unit standards were updated using input from industry and provider representatives. It was decided to set a date for 5 years for the next full review to take place.

Main changes

- Changes were made to the titles, outcome statements, evidence requirements, and range statements of the unit standards for clarity and to ensure alignment with relevant industry standards and regulations.
- Explanatory notes were updated to improve consistency and to make the outcomes and evidence requirements clearer and easier to read.
- Credits and levels were updated to better reflect the content of the unit standards.
- Unit standard 21698 was replaced by unit standard 29574.
- Unit standard 24077 was replaced by unit standard 29582.
- Unit standards 249, 16113 and 21858 were replaced by unit standards 29579 and 29580.
- Unit standard 21706 will expire and not be replaced. Some content from 21076 has been moved into unit standard 24009.

The last date for assessment of superseded versions of these standards is 31 December 2018. Results will not be accepted where the assessment date is after the last date for assessment of the superseded version of the standard.

Category C and D unit standards will expire at the end of December 2018

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
Subfield	Motor Industry	3	Standard	24009	4
Subfield	Motor Industry	3	Standard	22803	4
Subfield	Motor Industry	3	Standard	22927	4
Domain	Automotive Refinishing	3	Standard	24009	4
Domain	Vehicle Bodywork	3	Standard	22803, 22927 29574	4 3
Domain	Automotive Administration	2	Standard	29579, 29580	2
Domain	Automotive Workshop Engineering	2	Standard	29579, 29580	2
Domain	Vehicle Spraypainting	5	Standard	21102	5
Standard	249	2	Standard	29579, 29580	2
Standard	21858	2	Standard	29579, 29580	2
Standard	16113	2	Standard	29579, 29580	2

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

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

Engineering and Technology > Motor Industry

ID	Domain	Title	Level	Credit	Review Category
249	Automotive Administration	Carry out automotive industry personal workplace requirements	2	5	C
21858	Automotive Workshop Engineering	Demonstrate good work habits and perform safe work practices in the motor and related industries	2	4	C
16113	Motor Industry -Introductory Skills	Demonstrate knowledge of safe working practices in an automotive workshop	2	2	C
29579	Motor Industry - Introductory Skills	Demonstrate knowledge of good work habits and safe work practices in the automotive industry	2	4	
29580	Motor Industry - Introductory Skills	Demonstrate good work habits and safe work practices in the automotive industry	2	4	

ID	Domain	Title	Level	Credit	Review Category
21698	Vehicle Bodywork Collision Repair	Remove and replace exterior and interior motor body parts and trim in the motor industry	2	2	C
29574		Remove and replace motor body parts in the collision repair industry	3	15	

Engineering and Technology > Motor Industry > Automotive Administration

ID	Title	Level	Credit	Review Category
24077	Demonstrate knowledge of business responsibilities towards customers within the automotive industry	3	1	C
29582	Demonstrate knowledge of customer service requirements and business responsibilities in the automotive industry	3	2	

Engineering and Technology > Motor Industry > Automotive Refinishing

ID	Title	Level	Credit	Review Category
24004	Demonstrate knowledge of primers, fillers, and sealers in the automotive refinishing industry	3	3	B
24009	Use a spray gun to apply top coats to vehicle panels, maintain a spray gun and equipment, and rectify spray gun defects	3	3	B
		4		

Engineering and Technology > Motor Industry > Collision Repair

ID	Title	Level	Credit	Review Category
29573	Carry out pre-strip procedures in the collision repair industry	3	4	New
29576	Demonstrate knowledge of digital imaging requirements in the collision repair industry	3	1	New
29577	Demonstrate knowledge of removing and refitting automotive air conditioning, cooling and oil cooling system components	3	4	New
29578	Demonstrate knowledge of automotive braking, steering and suspension system components in the collision repair industry	3	3	New
29581	Demonstrate knowledge of removing and replacing a damaged motor vehicle door skin	4	1	New

Engineering and Technology > Motor Industry > Vehicle Bodywork

ID	Title	Level	Credit	Review Category
21693	Demonstrate knowledge of power tools and equipment used in the motor body industry Demonstrate knowledge of tools and equipment used in the collision repair industry	2	2 3	B
	Remove and replace exterior and interior motor body parts and trim in the motor industry	3	3	C
21703	Demonstrate knowledge of masking, and primers, and primer fillers in the motor body industry Demonstrate knowledge of masking, primers, and primer fillers in the collision repair industry	3	2	B
21706	Use and maintain a suction feed spray gun in the motor body industry	2	2	D
22803	Locate and rectify vehicle interior water leaks	3 4	2	B
22927	Locate and rectify vehicle body rattles, vibration, and squeaks	3 4	3	B
29575	Use and maintain a spray gun to apply primer in the collision repair industry	3	2	New

Engineering and Technology > Motor Industry > Vehicle Spraypainting

Engineering and Technology > Motor Industry > **Automotive Refinishing**

ID	Title	Level	Credit	Review Category
21102	Demonstrate knowledge of vehicle paint technology	5	4	B