

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

Subfield	Domain	ID
Motor Industry	Automotive Fuel Systems and Exhaust	240, 5459, 5461, 21677
	Automotive Preventive Maintenance	15406

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

Date new versions published

August 2017

Planned review date

December 2022

Summary

As a result of the Targeted Review of Qualifications process, it became necessary for MITO to review a number of motor industry unit standards to better reflect the requirements of the outcomes listed in new qualifications. MITO also replaced a number of existing unit standards where there was a likelihood that they would not be used in the environment of the new qualifications.

MITO reviewed five unit standards and replaced them with four new unit standards. The review of these unit standards has resulted in updated outcomes and performance criteria that reflect current industry practice and the Graduate Profile Outcomes listed in the new qualifications.

MITO's automotive industry working group has endorsed the changes made, and the development of new unit standards. Representation in the working group included subject matter experts, industry representatives, provider representatives and MITO representatives. The new unit standards were circulated in the working group's greater networks and all feedback was actioned where appropriate.

Main changes

- Five unit standards were reviewed and replaced with four new unit standards.

Category C unit standards will expire at the end of December 2020.

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	Automotive Fuel Systems and Exhaust	2	Standard	30437	3
Standards	240, 5459	3	Standards	30436	3
	5461	3		30435	3
	15406	3		30434	3
	21677	2		30437	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 the same 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 > Automotive Fuel Systems and Exhaust

ID	Title	Level	Credit	Review Category
240	Demonstrate knowledge of petrol fuel systems	3	3	C
5459	Demonstrate knowledge of automotive electronic fuel injection system operation, and fault diagnosis and repair	3	4	C
30436	Demonstrate knowledge of an electronic fuel injection (EFI) system	3	2	
5461	Demonstrate knowledge of fuel emissions, and vehicle emission controls	3	4	C
30435	Demonstrate knowledge of vehicle emissions, and emission control systems	3	4	
21677	Demonstrate knowledge of a diesel fuel system	2	2	C
30437	Demonstrate knowledge of the operation of a diesel fuel system	3	2	

Engineering and Technology > Motor Industry > Automotive Preventive Maintenance

ID	Title	Level	Credit	Review Category
15406	Carry out general service checks in the motor industry	3	2	C
30434	Service a vehicle or machine	3	3	