

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

<b>Subfield</b>	<b>Domain</b>	<b>ID</b>
Motor Industry	Automotive Electrical and Electronics	21719
	Automotive Preventive Maintenance	<b>21869</b>
	Automotive Workshop Engineering	<b>21715, 24083</b>
	Collision Repair	23997
	Vehicle Bodywork	947, 23991

MITO New Zealand Incorporated has completed the review and revision of the unit standards listed above. The unit standards in **bold** have been revised.

**Date new versions published**

**December 2016**

**Planned review date**

**December 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 and revised. These unit standards were reviewed using input from industry and provider representatives. It was decided to set a date for 5 years in the future for the next full review to take place.

**Main changes****Reviewed unit standards**

- Changes were made to the outcome statements, evidence requirements and range statements to enhance clarity and ensure alignment with relevant industry standards and regulations.
- Unit standard 21719 was raised from 1 credit to 3 credits to better reflect the time taken to achieve the requirements of this standard.
- Unit standard 24083 was designated expiring and will not be replaced. It will expire at the end of December 2020.
- Unit standard 947 was reviewed to remove duplicate content and the credit value decreased from 8 credits to 6 credits. A last date for assessment for the most recent superseded version of this standard has not been specified to allow for its use in multiple industries.

**Revised unit standards**

Unit standards 21869 and 21715 were revised to align the evidence requirements and range statements with assessment, industry and legislative requirements.

The last date for assessment of superseded versions of the review category B and revised unit standards is 31 December 2018, except for unit standard 947 as indicated above. Results will not be accepted where the assessment date is after the last date for assessment of the superseded version of the standard.

### Category D unit standards will expire at the end of December 2020

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

All changes are in **bold**.

#### Reviewed unit standards

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

#### Engineering and Technology > Motor Industry > Automotive Electrical and Electronics

ID	Title	Level	Credit	Review Category
21719	Remove and replace motor vehicle lamps in the motor industry <b>Remove and replace motor vehicle lamps</b>	2	1 3	B

#### Engineering and Technology > Motor Industry > Automotive Workshop Engineering

ID	Title	Level	Credit	Review Category
24083	Store and arrange for the disposal of hazardous automotive waste materials in the motor and related industries	4	3	D

#### Engineering and Technology > Motor Industry > Collision Repair

ID	Title	Level	Credit	Review Category
23997	Repair and replace a damaged non-structural aluminium panel on a motor vehicle	4	6	B

#### Engineering and Technology > Motor Industry > Vehicle Bodywork

ID	Title	Level	Credit	Review Category
947	Demonstrate knowledge of vehicle bodywork construction materials and methods <b>Demonstrate knowledge of vehicle bodywork construction</b>	4	8 6	B
23991	Remove and replace a motor vehicle fuel tank	3	2	B

**Revised unit standards**

Engineering and Technology &gt; Motor Industry &gt; Automotive Preventive Maintenance

<b>ID</b>	<b>Title</b>	<b>Level</b>	<b>Credit</b>
21869	Remove and replace road wheels in the motor industry <b>Remove and replace road wheels on a vehicle</b>	2	1

Engineering and Technology &gt; Motor Industry &gt; Automotive Workshop Engineering

<b>ID</b>	<b>Title</b>	<b>Level</b>	<b>Credit</b>
21715	Select and use fastening systems in the motor industry	2	2