

Field Engineering and Technology

Review of *Motor Industry* unit standards

Subfield	Domain	ID
Motor Industry	Automotive Administration	21079
	Collision Repair	23978

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

Date new versions published

July 2020

Planned review date

December 2024

Summary

MITO reviewed and developed the unit standards below at the request of industry to align with the New Zealand Certificate in Collision Repair (Level 4) (Non-Structural Repair) [Ref: 3011] and the New Zealand Certificate in Collision Repair (Structural Repair) (Level 5) [Ref: 3012]. The review and development have resulted in fit-for-purpose assessment material being made available to industry that reflects current legislation and industry practice.

MITO's industry reference group endorsed the unit standards review and development. The working group included subject matter experts and representatives from industry and MITO. These unit standards were circulated in the working groups wider networks and all feedback was actioned where appropriate.

Main changes

- Unit 21079 was reviewed and expired without replacement as it no longer reflected the learning and assessment needs of industry.
- Unit 23978 was designated expiring and replaced with two new standards to reflect learning and assessment needs of industry.
- Seven new unit standards were developed to meet the needs of the motor industry.

Category C and D unit standards will expire at the end of December 2022

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

Engineering and Technology > Motor Industry > Automotive Administration

ID	Title	Level	Credit	Review Category
21079	Inspect technical quality of work in the motor and related industries	5	4	D
32141	Inspect the quality of repair work completed by others in the automotive industry	5	4	New

Engineering and Technology > Motor Industry > Automotive Electrical and Electronics

ID	Title	Level	Credit	Review Category
31997	Describe diagnosis and calibration of advanced driver assistance systems	4	3	New

Engineering and Technology > Motor Industry > Collision Repair

ID	Title	Level	Credit	Review Category
23978	Demonstrate knowledge of chassis alignment system equipment, measuring systems, and structural damage on a vehicle	4	4	C
31995	Demonstrate knowledge of the effects of structural damage on a vehicle	5	8	
31996	Demonstrate knowledge of vehicle body and chassis alignment and measuring systems	4	5	
31993	Use vehicle alignment systems and a 3D measuring system on a vehicle	5	14	New
31994	Demonstrate knowledge of structural construction materials and damage repairs	5	5	New
31998	Replace and join vehicle body components	5	25	New

Engineering and Technology > Motor Industry > Vehicle Bodywork

ID	Title	Level	Credit	Review Category
31991	Demonstrate knowledge of joining vehicle body components	4	12	New
31992	Determine and report on the repair solutions to restore a structurally damaged vehicle to a pre-accident state	5	5	New