

FIELD ENGINEERING AND TECHNOLOGY

Review of *Motor Industry* qualifications

National Certificate in Motor Industry (Brake Service Engineering) [Ref: 0096]

National Certificate in Motor Industry (Automotive Servicing) [Ref: 0138]

National Certificate in Motor Industry (Automotive Radiator Repair) [Ref: 0188]

National Certificate in Motor Industry (Automotive Steering, Suspension, and Alignment) with an optional strand in Heavy Commercial Vehicles [Ref: 0246]

National Certificate in Motor Industry (Exhaust Servicing) [Ref: 0372]

National Certificate in Motor Industry (Tyre Servicing) with optional strands in Light and Heavy Commercial Vehicle Tyres, Agricultural Equipment Tyres, Off-The-Road Equipment Tyres, Industrial Tyres, and Steering and Suspension [Ref: 0373]

The NZ Motor Industry Training Organisation (Incorporated) (MITO) has completed the review of the qualifications listed above.

Replacement qualification

National Certificate in Motor Industry (Vehicle Servicing) with strands in Brake and Clutch, Exhaust Systems, Radiator Repair, Steering and Suspension, Tyres, Underbody and General Service, and Vehicle Security, and with an optional strand in Heavy Vehicle Steering and Suspension [Ref: 1420].

Date new versions published

August 2008

The next qualification review is planned to take place during 2013.

Summary of review and consultation process

The review of these qualifications was part of a major review of the motor industry and outdoor fabric product qualifications (QReview) conducted by MITO from 2004 to 2007. The entire QReview process has been overseen by the QReview Steering Group, who developed review processes and principles to be followed by the Advisory Groups formed for each industry sector, and have given final endorsement to the new and reviewed standards and qualifications.

Initial meetings of the Steering Group identified the need for a clearer career pathway for people already in, and those entering the motor or industrial textile fabrication industries. This led to a more coherent relationship being formed between all of MITO's qualifications through the creation of common cores with strands, and separation into a progression of qualification levels to provide a clearer qualification pathway.

Advisory Groups, made up of industry experts and representative bodies, were formed for each of the qualification sectors to provide advice on the requirements of each of the industry sectors moving forward. These groups each met several times to form the draft qualifications and standards. The resulting documents were then all published on the MITO website and surveys were circulated to all stakeholders to provide feedback. Industry publications and organisations were also used to advise stakeholders that the consultation process was underway. All relevant feedback was incorporated into the final drafts and these were endorsed by the respective Advisory Groups and then by the QReview Steering Group.

Main changes resulting from the review

National Certificate in Motor Industry (Brake Service Engineering) [Ref: 0096]
 National Certificate in Motor Industry (Automotive Servicing) [Ref: 0138]
 National Certificate in Motor Industry (Automotive Radiator Repair) [Ref: 0188]
 National Certificate in Motor Industry (Automotive Steering, Suspension, and Alignment) with an optional strand in Heavy Commercial Vehicles [Ref: 0246]
 National Certificate in Motor Industry (Exhaust Servicing) [Ref: 0372]
 National Certificate in Motor Industry (Tyre Servicing) with optional strands in Light and Heavy Commercial Vehicle Tyres, Agricultural Equipment Tyres, Off-The-Road Equipment Tyres, Industrial Tyres, and Steering and Suspension [Ref: 0373]

Replaced by

National Certificate in Motor Industry (Vehicle Servicing) with strands in Brake and Clutch, Exhaust Systems, Radiator Repair, Steering and Suspension, Tyres, Underbody and General Service, and Vehicle Security, and with an optional strand in Heavy Vehicle Steering and Suspension [Ref: 1420]

Review category	C	See Key to Qualification Review Categories at the end of report
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There are substantial differences between the new and replaced qualifications. Changes include:

- The new qualification has core compulsory and core elective sections.
- The new qualification has strands in Brake and Clutch, Exhaust Systems, Radiator Repair, Steering and Suspension, Tyres, Underbody and General Service, and Vehicle Security, with an optional strand in Heavy Vehicle Steering and Suspension, with compulsory and elective sections in each strand.
- Candidates must complete a strand to meet the requirements of the qualification.

National Certificate in Motor Industry (Brake Service Engineering) [Ref: 0096]

was replaced by the

Brake and Clutch strand

- Standard 249 included in the core compulsory.
- Standards 226 and 228 replaced by new standards in the core compulsory.
- Standard 56 included in the core elective.
- Standard 392 replaced by new standards in the core elective.
- Standards 239, 242, 924, 936, 946, 960, and 974 included in the strand compulsory.
- Standards 227, 237, 938, 948, and 8184 replaced by new standards in the strand compulsory.
- Standards 327, 922, 934, and 3380 included in the strand elective.
- Standards 230, 245, 382, 387, 391, 398, and 913 replaced by new standards in the strand elective.
- Standards 937 and 15475 replaced by new standards in the strand compulsory and the strand elective.
- Standards 57, 58, 225, 229, 232, 233, 248, 334, 376, 379, 383, 385, 386, 898, 899, 943, 968, 2331, 3382, 3384, 3387, 15418, 15473, 15476, 15477, 15478, 15479, and 15480 not included in the strand.

National Certificate in Motor Industry (Exhaust Servicing) [Ref: 0372]

was replaced by the

Exhaust Systems strand

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- Standard 249 included in the core compulsory.
- Standards 226 and 228 replaced by new standards in the core compulsory.
- Standard 56 included in the core elective.
- Standard 392 replaced by new standards in the core elective.
- Standards 924, 946, 3877, 11733, 11735, 11736, and 11737 included in the strand compulsory.
- Standards 227, 230, 913, 914, 933, and 11738 replaced by new standards in the strand compulsory.
- Standards 934 and 11732 included in the strand elective.
- Standards 382 and 398 replaced by new standards in the strand elective.
- Standards 57, 229, 383, 385, 386, 389, 968, 11734, and 12349 not included in the strand.

National Certificate in Motor Industry (Automotive Radiator Repair) [Ref: 0188]
was replaced by the
Radiator Repair strand

- Standard 3856 included in the core compulsory.
- Standards 226, 5767, 7000, 16097, and 16098 replaced by new standards in the core compulsory.
- Standard 5739 replaced by new standards in the core elective.
- Standards 924, 7002, 7006, and 7007 included in the strand compulsory.
- Standards 230, 878, 7003, 7005, 7011, 7012, 7013, and 7014 replaced by new standards in the strand compulsory.
- Standards 934, 946, 3877, 6999, 7004, 7009, and 7015 included in the strand elective.
- Standards 382, 398, and 2629 replaced by new standards in the strand elective.
- Standards 387, 876, 902, 968, 5763, 7001, 7008, and 7010 not included in the strand.

National Certificate in Motor Industry (Automotive Steering, Suspension, and Alignment) with an optional strand in Heavy Commercial Vehicles [Ref: 0246]
was replaced by the
Steering and Suspension strand (and Heavy Vehicle Steering and Suspension optional strand)

- Standard 5739 replaced by new standards in the core elective.
- Standards 883, 884, 924, and 3877 included in the strand compulsory.
- Standards 896, 2629, 5772, and 9074 replaced by new standards in the strand compulsory.
- Standards 934 and 946 included in the strand elective.
- Standards 382, 387, and 5771 replaced by new standards in the strand elective.
- Standard 901 replaced by new standards in the strand compulsory and the strand elective.
- Standards 385, 913, 916, 918, 921, 1312, 5463, 5738, 5743, 9075 not included in the strand.

Heavy Vehicle Steering and Suspension optional strand

- replaced the National Certificate in Motor Industry (Automotive Steering, Suspension, and Alignment) Heavy Commercial Vehicles Optional Strand, and is dependent on the prior award of the Steering and Suspension strand of this qualification
- Standards 2312 and 2316 included in the optional strand compulsory.

- Standard 2315 replaced by new standards in the optional strand compulsory.
- Standards 3398 and 9076 included in the optional strand elective.
- Standard 5745 replaced by new standards in the optional strand elective.
- Standards 15475, 15476, 15478, 15479, and 15480 not included in the optional strand.

National Certificate in Motor Industry (Tyre Servicing) with optional strands in Light and Heavy Commercial Vehicle Tyres, Agricultural Equipment Tyres, Off-The-Road Equipment Tyres, Industrial Tyres, and Steering and Suspension [Ref: 0373]

was replaced by the

Tyres strand

- Standard 249 included in the core compulsory.
- Standards 226 and 228 replaced by new standards in the core compulsory.
- Standard 56 included in the core elective.
- Standard 392 replaced by new standards in the core elective.
- Standards 934 and 946 included in the strand compulsory.
- Standards 238, 382, 385, 391, 398, 916, and 9074 replaced by new standards in the strand compulsory.
- Standards 883 and 11739 included in the strand elective.
- Standards 237, 387, 896, 2629, 5440, 11741, and 11742 replaced by new standards in the strand elective.
- Standards 57, 386, and 12349 not included in the strand.

National Certificate in Motor Industry (Automotive Servicing) [Ref: 0138]

was replaced by the

Underbody and General Service strand

- Standards 249 and 16113 included in the core compulsory.
- Standard 228 replaced by new standards in the core compulsory.
- Standard 56 included in the core elective.
- Standards 229, 233, 243, 924, 3877, 15406, and 15446 included in the strand compulsory.
- Standards 236, 237, 241, 245, and 935 replaced by new standards in the strand compulsory.
- Standards 942 and 5468 included in the strand elective.
- Standard 11738 replaced by new standards in the strand elective.
- Standards 57, 58, 225, 230, 238, 242, 247, 898, 3400, and 12349 not included in the strand.

Vehicle Security strand

- This is a new strand. However it includes standards and replacements from the replaced qualifications.

Transition

Programmes leading to the new qualification are being introduced from 2008. People currently working towards any of the replaced qualifications may either complete the requirements for that qualification or transfer their results to this qualification.

The last date for entry to training programmes or courses for the replaced qualifications is

December 2009. The last dates for assessments to take place for the replaced qualifications are:

- National Certificate in Motor Industry (Brake Service Engineering) [Ref: 0096], 31 December 2010;
- National Certificate in Motor Industry (Automotive Servicing) [Ref: 0138], 31 December 2010;
- National Certificate in Motor Industry (Automotive Radiator Repair) [Ref: 0188], 31 December 2012;
- National Certificate in Motor Industry (Automotive Steering, Suspension, and Alignment) with an optional strand in Heavy Commercial Vehicles [Ref: 0246], 31 December 2011;
- National Certificate in Motor Industry (Exhaust Servicing) [Ref: 0372], 31 December 2010;
- National Certificate in Motor Industry (Tyre Servicing) with optional strands in Light and Heavy Commercial Vehicle Tyres, Agricultural Equipment Tyres, Off-The-Road Equipment Tyres, Industrial Tyres, and Steering and Suspension [Ref: 0373], 31 December 2010.

Industry will continue to recognise the former qualifications, so there should be no need to 'upgrade'.

This qualification contains standards that replace or are being used as substitutes for earlier standards. For the purposes of this qualification, people who have gained credit for the expiring standards are exempt from the requirement to gain credit for the replacement or substitute standards – see table below.

Credit for	Exempt from
59, 60	11831
226	21858
227	21670, 21671
228	21669, 21859
230	21682, 21685
232	21676, 21707
236	21686, 21717
237	21720, 21721
238	21869
241	21692
245	21680, 21716
382	327
385	12008
387	22785, 22786
391	934

Credit for	Exempt from
392	21673, 21708
398	22789
877	24092, 24093
896	24025, 24564
899	24105, 24106
901	24426, 24427, 24428
913	21685
914	23992
916	24458
921	24307, 24308
933	21678
935	24689
937	24406, 24407
938	24408, 24409
948	24410, 24411
965	24269
2315	24432, 24433
2327	24403
2348	24122
2629	22799, 22800
2670	21907
3391	24269
3394	24191
3863	21869
3879	21670, 21671
3880	21669, 21859
3883	21714, 21715
3884	21683, 21684
3885	21682, 21685
5431	24414, 24415

Credit for	Exempt from
5432	24376, 24387
5440	24459, 24460
5463	24122
5469	22803, 22927
5739	21673, 21708
5745	23978, 23979
5754	21678
5757	24105
5767	23743
5771	23992
5772	21721
7000	21669, 21859
7003, 7005, 7011	24453, 24454, 24455, 24456
7012	21686, 21717, 24269
7013	21717
7014	24269
8184	23817, 23818
9074	24457, 24458
11738	21678
11741	24462
11742	24461, 24462
11745	12008
15411	12008
15420	24689
15472	24405
15475	24407, 24418
15657	24564
16097	21718
16098	21858
16115	24138, 24139

It is anticipated that no existing trainees will be disadvantaged by these transition arrangements. Any person who feels they have been disadvantaged by these transition arrangements should contact MITO at the following address. All appeals will be considered on a case-by-case basis.

NZ Motor Industry Training Organisation (Inc)
PO Box 10803
WELLINGTON

Telephone 0800 88 21 21
Facsimile 04 494 0006
Email info@mito.org.nz

Key to Qualification Review Categories

Category A The qualification is published as a new version with the same NQF ID	Changes are made to SSB name, contact details or purpose statement
	No change is made to title, rules or components of the qualification
	No transition arrangements are required
Category B The qualification is published as a new version with the same NQF ID	Changes are made to title, rules or components
	The new version of the qualification recognises a similar skill set to that recognised by the previous version
	The SSB is confident that people awarded the new or previous version are comparable in terms of competence
Category C A new (replacement) qualification is published with new NQF ID	Transition arrangements are required if candidates must gain additional/different credits for the new version
	Significant changes are made to the qualification in terms of components, structure, type or level
	The SSB views people with the replacement qualification as being significantly different in terms of competence from those with the replaced qualification
	Transition arrangements are required
Category D Qualification will expire. There is no replacement qualification	Transition may be limited to phase-out dates
	Qualification is no longer required by industry
	The qualification is designated as expiring and a last date for meeting the qualification requirements is set