

FIELD ENGINEERING AND TECHNOLOGY**Review of *Motor Industry* qualification****National Certificate in Motor Industry (Automotive Heavy Engineering) with strands in Agricultural Equipment, Plant and Equipment, and Road Transport [Ref: 0003]**

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

Replacement qualifications

- National Certificate in Motor Industry (Automotive Heavy Engineering) (Level 3) with strands in Agricultural Equipment, Materials Handling Equipment, Plant and Equipment, and Road Transport [Ref: 1445]
- National Certificate in Motor Industry (Automotive Heavy Engineering) (Level 4) with strands in Agricultural Equipment, Materials Handling Equipment, Plant and Equipment, and Road Transport [Ref: 1446]

Date new versions published**September 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), which was conducted by MITO from 2004 to 2007. The entire QReview process was overseen by the QReview Steering Group, which developed review processes and principles to be followed by the advisory groups formed for each industry sector, and gave final endorsement to the new and reviewed standards and qualifications.

The steering group identified the need for a clearer career pathway for people already in, or 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 to provide advice on the requirements of each of the industry sectors. These groups met several times to form the draft qualifications and standards. The drafts were published on the MITO website and surveys were circulated for comment. Industry publications and organisations were also used to advise stakeholders of the consultation process. All relevant feedback was incorporated into the final drafts, which were endorsed by the respective advisory groups and the QReview Steering Group.

Main changes resulting from the review

National Certificate in Motor Industry (Automotive Heavy Engineering) with strands in Agricultural Equipment, Plant and Equipment, and Road Transport [Ref: 0003]

Replaced by

National Certificate in Motor Industry (Automotive Heavy Engineering) (Level 3) with strands in Agricultural Equipment, Materials Handling Equipment, Plant and Equipment, and Road Transport [Ref: 1445]

National Certificate in Motor Industry (Automotive Heavy Engineering) (Level 4) with strands in Agricultural Equipment, Materials Handling Equipment, Plant and Equipment, and Road Transport [Ref: 1446]

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 to structure and content include

- The new qualifications have core compulsory and core elective sections.
- Ref 1445 and Ref: 1446 have strands in Agricultural Equipment, Materials Handling Equipment, Plant and Equipment, and Road Transport with compulsory and elective sections in each strand.
- Candidates must now complete a strand in Ref: 1445 before they may progress to the corresponding strand in Ref: 1446.

National Certificate in Motor Industry (Automotive Heavy Engineering) Agricultural Equipment strand [Ref: 0003]

was replaced by the

Agricultural Equipment strands at Level 3 and Level 4

- Standards 231, 234, 249, 924, 2316, 15403, and 16113 were moved to the core compulsory of Ref: 1445.
- Standards 227, 228, 232, 236, 241, 245, 899, and 931 were replaced by new standards in the core compulsory of Ref: 1445.
- Standard 56 was moved to the core elective of Ref: 1445.
- Standards 242, 898, 915, 2314, 2322, 3385, 3387, 5438, and 15373 were moved to the Agricultural Equipment compulsory of Ref: 1445.
- Standards 877, 5440, and 15440 were replaced by new standards in the Agricultural Equipment compulsory of Ref: 1445.
- Standards 235, 240, 380, 883, 902, 917, 929, 2324, 2334, 2336, 2340, 15441, and 15476 were moved to the Agricultural Equipment elective of Ref: 1445.
- Standards 230, 913, 914, 937, 950, and 15475 were replaced by new standards in the Agricultural Equipment elective of Ref: 1445.
- Standards 2333 and 15384 were moved to the core compulsory of Ref: 1446.
- Standards 398 and 3396 were replaced by new standards in the core compulsory of Ref: 1446.
- Standard 968 was moved to the core elective of Ref: 1446.
- Standards 15405 and 15410 were moved to the Agricultural Equipment compulsory of Ref: 1446.
- Standards 5441 and 15375 were replaced by new standards in the Agricultural Equipment compulsory of Ref: 1446.

- Standards 906, 972, 2320, 2331, 2347, 3392, 3393, 15479, and 15483 were moved to the Agricultural Equipment elective of Ref: 1446.
- Standards 881, 887, 964, 971, 2346, and 5439 were replaced by new standards in the Agricultural Equipment elective of Ref: 1446.
- Standard 934 was moved to both the Agricultural Equipment elective of Ref: 1445 and the Agricultural Equipment elective of Ref: 1446.
- Standards 965 and 3391 were replaced by new standards in the core compulsory of Ref: 1445 and the core compulsory of Ref: 1446.
- Standards 2330, 5437, and 5443 were replaced by new standards in the Agricultural Equipment compulsory of Ref: 1445 and the Agricultural Equipment compulsory of Ref: 1446.
- Standards 2342, 2343, and 3394 were replaced by new standards in the Agricultural Equipment compulsory of Ref: 1445 and the Agricultural Equipment elective of Ref: 1446.
- Standard 15404 was replaced by new standards in the core compulsory and the Agricultural Equipment elective of Ref: 1445.
- Standards 15448 and 15449 were replaced by new standards in the Agricultural Equipment compulsory and the Agricultural Equipment elective of Ref: 1446.
- Standards 391 and 15478 were replaced by new standards in the Agricultural Equipment elective of Ref: 1445 and the Agricultural Equipment elective of Ref: 1446.
- Standard 15480 was replaced by new standards in the core compulsory and the Agricultural Equipment compulsory of Ref: 1445.
- Standards 57, 225, 233, 237, 238, 243, 248, 912, 980, 990, 2310, 2312, 2315, 2317, 2321, 2332, 2335, 2344, 2629, 3398, 15407, 15418, 15424, 15477, 15481, 15482, and 16112 were removed from the overall requirements of the Agricultural Equipment strands of Ref: 1445 and Ref: 1446.

Materials Handling Equipment strands at Level 3 and Level 4

- these strands are entirely new, however some standards that form part of the previous automotive heavy engineering qualification may count towards the requirements of these new qualifications.

National Certificate in Motor Industry (Automotive Heavy Engineering) Plant and Equipment strand [Ref: 0003]

was replaced by the

Plant and Equipment strands at Level 3 and Level 4

- Standards 231, 234, 249, 924, 2316, 15403, and 16113 were moved to the core compulsory of Ref: 1445.
- Standards 227, 228, 232, 236, 245, 899, and 931 were replaced by new standards in the core compulsory of Ref: 1445.
- Standard 56 was moved to the core elective of Ref: 1445.
- Standards 898, 915, 2314, 2319, 2322, 2340, 3385, 15373, and 16112 were moved to the Plant and Equipment compulsory of Ref: 1445.
- Standards 230, 913, 937, and 15440 were replaced by new standards in the Plant and Equipment compulsory of Ref: 1445.
- Standards 235, 240, 242, 902, 917, 929, 2318, 2324, 2334, 2336, 3387, 15418, 15441, and 15476 were moved to the Plant and Equipment elective of Ref: 1445.
- Standards 914, 950, 2317, 5437, and 15478 were replaced by new standards in the Plant and Equipment elective of Ref: 1445.

- Standards 2333 and 15384 were moved to the core compulsory of Ref: 1446.
- Standards 398 and 3396 were replaced by new standards in the core compulsory of Ref: 1446.
- Standard 968 was moved to the core elective of Ref: 1446.
- Standards 2321, 2332, 15410, and 15483 were moved to the Plant and Equipment compulsory of Ref: 1446.
- Standard 15375 was replaced by new standards in the Plant and Equipment compulsory of Ref: 1446.
- Standards 380, 906, 934, 972, 980, 990, 2320, 2331, 2335, 2344, 2347, 3392, 3393, 15405, 15424, and 15479 were moved to the Plant and Equipment elective section of Ref: 1446.
- Standards 391, 881, 887, 964, 971, 2310, 2346, and 15481 were replaced by new standards in the Plant and Equipment elective of Ref: 1446.
- Standards 237, 877, and 15475 were replaced by new standards in the Plant and Equipment compulsory and the Plant and Equipment elective of Ref: 1445.
- Standards 241 and 15480 were replaced by new standards in the core compulsory and the Plant and Equipment compulsory of Ref: 1445.
- Standards 965 and 3391 were replaced by new standards in the core compulsory of Ref: 1445 and the core compulsory of Ref: 1446.
- Standard 2330 was replaced by new standards in the Plant and Equipment compulsory of Ref: 1445 and the Plant and Equipment compulsory of Ref: 1446.
- Standards 2342 and 3394 were replaced by new standards in the Plant and Equipment compulsory of Ref: 1445 and the Plant and Equipment elective of Ref: 1446.
- Standard 2343 was replaced by new standards in the Plant and Equipment elective of Ref: 1445 and the Plant and Equipment elective of Ref: 1446.
- Standards 15448 and 15449 were replaced by new standards in the Plant and Equipment compulsory and the Plant and Equipment elective of Ref: 1446.
- Standard 15404 was replaced by new standards in the core compulsory and the Plant and Equipment elective of Ref: 1445.
- Standards 57, 225, 233, 238, 243, 248, 883, 912, 2312, 2315, 2629, 3398, 5439, 5441, 5443, 15407, 15477, and 15482 were removed from the overall requirements of the Plant and Equipment strands of Ref: 1445 and Ref: 1446.

National Certificate in Motor Industry (Automotive Heavy Engineering) Road Transport strand [Ref: 0003]

was replaced by the

Road Transport strands at Level 3 and Level 4

- Standards 231, 234, 249, 924, 2316, 15403, and 16113 were moved to the core compulsory of Ref: 1445.
- Standards 227, 228, 232, 236, 245, 899, and 931 were replaced by new standards in the core compulsory of Ref: 1445.
- Standard 56 was moved to the core elective of Ref: 1445.
- Standards 242, 898, 915, 2318, 2319, 2322, 2324, 2340, 15373, 15418, 15476, 15477, and 16112 were moved to the Road Transport compulsory of Ref: 1445.
- Standards 230, 237, 877, 913, 15440, and 15475 were replaced by new standards in the Road Transport compulsory of Ref: 1445.
- Standards 235, 240, 902, 912, 917, 929, 2334, 2336, 3387, and 15441 were moved to the Road Transport elective of Ref: 1445.
- Standards 914, 950, 2629, and 15478 were replaced by new standards in the Road Transport elective of Ref: 1445.

- Standards 2333 and 15384 were moved to the core compulsory of Ref: 1446.
- Standards 398 and 3396 were replaced by new standards in the core compulsory of Ref: 1446.
- Standard 968 was moved to the core elective of Ref: 1446.
- Standards 2312, 2320, 2321, 2331, 2332, 15405, 15479, and 15482 were moved to the Road Transport compulsory of Ref: 1446.
- Standards 2317 and 15375 were replaced by new standards in the Road Transport compulsory of Ref: 1446.
- Standards 380, 883, 906, 934, 980, 2335, 2345, 2347, 3392, 3393, 3398, 15410, and 15424 were moved to the Road Transport elective of Ref: 1446.
- Standards 391, 881, 887, 964, 971, and 2341 were replaced by new standards in the Road Transport elective of Ref: 1446.
- Standard 2314 was moved to both the Road Transport elective of Ref: 1445 and the Road Transport compulsory of Ref: 1446.
- Standards 241, 15404, and 15480 were replaced by new standards in the core compulsory and the Road Transport compulsory of Ref: 1445.
- Standard 937 was replaced by new standards in the Road Transport compulsory and the Road Transport elective of Ref: 1445.
- Standards 965 and 3391 were replaced by new standards in the core compulsory of Ref: 1445 and the core compulsory of Ref: 1446.
- Standard 2315 was replaced by new standards in the Road Transport compulsory of Ref: 1445 and the Road Transport compulsory of Ref: 1446.
- Standards 2338, 3394, and 15481 were replaced by new standards in the Road Transport compulsory of Ref: 1445 and the Road Transport elective of Ref: 1446.
- Standards 15448 and 15449 were replaced by new standards in the Road Transport compulsory and the Road Transport elective of Ref: 1446.
- Standards 57, 225, 233, 238, 243, 248, 990, 2310, 2330, 2342, 2343, 2344, 2346, 3385, 5437, 5439, 5441, 5443, 15407, and 15483 were removed from the overall requirements of the Road Transport strands of Ref: 1445 and Ref: 1446.

Transition

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

The last date for entry to training programmes or courses for the replaced qualification is December 2009. The last date for assessment of the replaced qualification is 31 December 2012.

Industry will continue to recognise the former qualification, so there should be no need to 'upgrade' by those who have already achieved it.

The replacement qualifications contain standards that replace or have been substituted for earlier standards. For the purposes of these qualifications people who have gained credit for the expiring standards are exempt from the requirement to gain credit for the replacement standards.

Exemption table for Ref: 1445

Credit for	Exempt from
226	21858
227	21670, 21671
228	21669, 21859
230	21682, 21685
232	21676, 21707
236	21686, 21717
237	21720, 21721
241	21677, 21692
242	24425
245	21680, 21716
391	934
392	21673, 21708
877	24092, 24093
896	24564
899	24105, 24106
913	21685
914	23992
923	24807
925	24275, 24306
930	24179
931	23927, 23928
933	21678
937	24406, 24407
948	24410, 24411
950	24372, 24373
965	24269
2315	24432
2317	24283
2330	24434

Credit for	Exempt from
2338	23941
2342	24319
2343	24321
2629	22799, 22800
3391	24269
3394	24192
3879	21670, 21671
3880	21669, 21859
3884	21683
3885	21682, 21685
5437	24416
5440	24459, 24460
5443	24438
5464	24129, 24130, 24131, 24132
5739	21673, 21708
5754	21678
5757	24105
5767	23743
5771	23992
8187	24131, 24132
11738	21678
11741	24462
11742	24461, 24462
15375	24131
15376	24131
15379	24136, 24137
15404	24178, 24179, 24180
15440	24807
15475	24407, 24418, 24419
15478	24420, 24421

Credit for	Exempt from
15480	24422, 24423
15481	23941
15657	24564
16097	21718
16098	21858

Exemption table for Ref: 1446

Credit for	Exempt from
391	934
398	22789
878	24270
881	24443
887	24094, 24095
951	24181, 24182
952	24183, 24184
953	24185, 24186
954	24187, 24188
961	24090, 24091
964	24347, 24348
965	24270, 24271
967	24280
971	24281, 24282
2310	24375
2315	24433
2317	24283, 24284
2330	24435
2338	23942
2339	24117, 24118
2341	23931, 23932
2342	24320
2343	24322

Credit for	Exempt from
2346	24436, 24437
3391	24270, 24271
3394	24191
3395	24374, 24375
3396	24125, 24126
5437	24417
5439	23937, 23938
5441	24323, 24324
5443	24439
5464	24131, 24132
8187	24131, 24132
15375	24131, 24134
15376	24131
15448	24278, 24279
15449	24280
15470	23958
15478	24420, 24421
15480	24423

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 (Incorporated)
 PO Box 10803
 WELLINGTON

Telephone 0800 88 2121
 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
	Transition arrangements are required if candidates must gain additional/different credits for the new version
Category C A new (replacement) qualification is published with new NQF ID	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
	Transition may be limited to phase-out dates
Category D Qualification will expire. There is no replacement qualification	Qualification is no longer required by industry
	The qualification is designated as expiring and a last date for meeting the qualification requirements is set