

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

Level	2
Credits	45-65

This qualification has been **reviewed**. The last date to meet the requirements is 31 December 2016.

Purpose

This qualification is designed for those persons working in the Tyre Servicing branch of the Motor Industry. This qualification will be a means of recognising skills and knowledge that people have achieved.

Holders of this qualification are able to consult with customers and attend to their enquiries, give advice on particular tyre applications, repair and replace tyres, repair punctures, and balance and fit wheel assemblies.

This qualification consists of unit standards that form core sections and optional strands. To achieve the National Certificate in Motor Industry (Tyre Servicing) without strands only the core sections are required. The optional strands provide a pathway for specialising in a particular area of tyre servicing.

Unit standards in this qualification have relevance to other automotive engineering and underbody servicing type qualifications, and those people who wish to consider additional unit standards or qualifications should contact the NZ Motor Industry Training Organisation in the first instance.

Replacement Information

This qualification, the 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Commercial Vehicles [Ref: 0246], and the National Certificate in Motor Industry (Exhaust Servicing) [Ref: 0372] have been replaced by the National Certificate in Motor Industry (Vehicle Servicing) with strands in Brake and Clutch, Exhaust Systems, Radiator Repair, Steering and Suspension,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].

Special Notes

Unit 226, *Perform safe working practices in an automotive workshop* requires the trainee to complete a Basic First Aid Certificate course (St John/Red Cross) of no less than 16 hours or demonstrate equivalent knowledge and skills.

Applications for recognition of prior learning should be made to the NZ Motor Industry Training Organisation. Credits are not automatic and normally an assessment of ability is required.

Credit Range

	Core Compulsory	Core Elective	Light and Heavy Commercial Vehicle Tyres Optional Strand	Agricultural Equipment Tyres Optional Strand
Level 1 credits	2	-	-	-
Level 2 credits	24	-	-	-
Level 3 credits	10	0-6	17	4
Level 4 credits	6	0-3	-	-
Level 5 credits	-	0-4	-	-
Minimum totals	42	3-6	17	4

	Off-The-Road Equipment Tyres Optional Strand	Industrial Tyres Optional Strand	Steering and Suspension Optional Strand
Level 3 credits	-	10	6
Level 4 credits	10	-	4
Minimum totals	10	10	10

Requirements for Award of Qualification

Award of NZQF National Qualifications

Credit gained for a standard may be used only once to meet the requirements of this qualification.

Unit standards and achievement standards that are equivalent in outcome are mutually exclusive for the purpose of award. The table of mutually exclusive standards is provided on the New Zealand Qualifications Authority (NZQA) website: <http://www.nzqa.govt.nz/qualifications-standards/standards/standards-exclusion-list/>.

Reviewed standards that continue to recognise the same overall outcome are registered as new versions and retain their identification number (ID). Any version of a standard with the same ID may be used to meet qualification requirements that list the ID and/or that specify the past or current classification of the standard.

Summary of Requirements

- Core Compulsory standards
- Core Elective – A minimum of 1 standard as specified

The following strands are optional

- Light and Heavy Commercial Vehicle Tyres Optional Strand
- Agricultural Equipment Tyres Optional Strand
- Off-The-Road Equipment Tyres Optional Strand
- Industrial Tyres Optional Strand
- Steering and Suspension Optional Strand

Detailed Requirements

Core Compulsory

The following standards are required

Core Generic > Core Generic > Self-Management

ID	Title	Level	Credit
12349	Demonstrate time management	2	3

Engineering and Technology > Motor Industry > Automotive Administration

ID	Title	Level	Credit
249	Carry out automotive industry personal workplace requirements	2	5
392	Maintain automotive stock and plant security	2	2
398	Interpret warranties and guarantees that apply to the automotive industry	4	2
946	Book in work for an automotive business	4	4

Engineering and Technology > Motor Industry > Automotive Preventative Maintenance

ID	Title	Level	Credit
237	Describe automotive brake, steering, and suspension systems, and their operation	2	3

Engineering and Technology > Motor Industry > Automotive Workshop Engineering

ID	Title	Level	Credit
226	Perform safe working practices in an automotive workshop	2	2
228	Select and use hand tools and workshop equipment for an automotive application	2	5

Engineering and Technology > Motor Industry > Tyres

ID	Title	Level	Credit
238	Remove and replace wheels and tyres, and balance wheels	2	2
916	Repair punctures and fit tyres to wheels	3	3
9074	Demonstrate knowledge of, and rectify faults in, motor vehicle tyres and wheels	3	7

Service Sector > Service Sector Skills > Service Sector - Core Skills

ID	Title	Level	Credit
56	Attend to customer enquiries face-to-face and on the telephone	1	2
57	Provide customer service in given situations	2	2

Core Elective

A minimum of 1 standard

Engineering and Technology > Motor Industry > Automotive Administration

ID	Title	Level	Credit
382	Demonstrate knowledge of payment types, and carry out office procedures in an automotive company	3	4
386	Determine stock levels of automotive products	5	4
387	Demonstrate knowledge of stock ordering, and maintain stock for an automotive business	3	6
391	Prepare a quotation for the supply of an automotive product, repair, or service	3	3
934	Cost a job for an automotive repair or service	4	3

Engineering and Technology > Motor Industry > Automotive Sales

ID	Title	Level	Credit
385	Sell automotive products	3	4

Light and Heavy Commercial Vehicle Tyres Optional Strand

The following standard is required

Engineering and Technology > Motor Industry > Tyres

ID	Title	Level	Credit
11739	Repair and replace light and heavy commercial vehicle tyres	3	17

Agricultural Equipment Tyres Optional Strand

The following standard is required

Engineering and Technology > Motor Industry > Tyres

ID	Title	Level	Credit
5440	Identify tyre applications for tractors and agricultural machinery, and remove and replace tyres	3	4

Off-The-Road Equipment Tyres Optional Strand

The following standard is required

Engineering and Technology > Motor Industry > Tyres

ID	Title	Level	Credit
11741	Check, demount, and mount a heavy off-the-road equipment tyre	4	10

Industrial Tyres Optional Strand

The following standard is required

Engineering and Technology > Motor Industry > Tyres

ID	Title	Level	Credit
11742	Remove and replace wheels and tyres from industrial machines and equipment	3	10

Steering and Suspension Optional Strand

The following standards are required

Engineering and Technology > Motor Industry > Vehicle Bodywork

ID	Title	Level	Credit
2629	Demonstrate knowledge of, and work in proximity to, motor vehicle air bag mechanisms	3	2

Engineering and Technology > Motor Industry > Vehicle Steering and Suspension

ID	Title	Level	Credit
883	Check and adjust vehicle front and rear wheel alignment	3	4
896	Diagnose and rectify suspension and manual steering faults on cars or light commercial vehicles	4	4

Transition Arrangements

Version 5

Version 5 was issued to extend the expiry date of this qualification.

For detailed information see [Review Summaries](#) on the NZQA website.

Previous versions of the qualification

Version 4 was issued to indicate that this qualification is expiring.

This qualification, the 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], and the National Certificate in Motor Industry (Exhaust Servicing) [Ref: 0372] have been replaced by the 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].

Version 3 was issued in order to extend the period of registration to December 2006, to allow time to implement a full review of the qualification.

This qualification contains standards that replace 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 standards – see table below.

Credit for	Exempt from
503	12349

Version 2 was issued to take into account the reviews of *Motor Industry, and Core Generic* unit standards. Reviewed unit standards were updated, unit standard 503 was replaced by a new unit standard 12349 (see table above), and the credit total increased from 41-62 to 45-65.

NZQF National Qualification Registration Information

Process	Version	Date	Last Date for Assessment
Registration	1	September 1997	December 2010
Revision	2	February 2001	December 2010
Revision	3	December 2003	December 2010
Review	4	August 2008	December 2010
Revision	5	November 2010	December 2016

Standard Setting Body

NZ Motor Industry Training Organisation (Incorporated)
 PO Box 10803
 The Terrace
 Wellington 6143

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

Other standard setting bodies whose standards are included in the qualification

NZQA

Certification

This certificate will display the logos of NZQA, the NZ Motor Industry Training Organisation (Incorporated) and the organisation that has been granted consent to assess against standards that meet the requirements of the qualification (accredited).

Classification

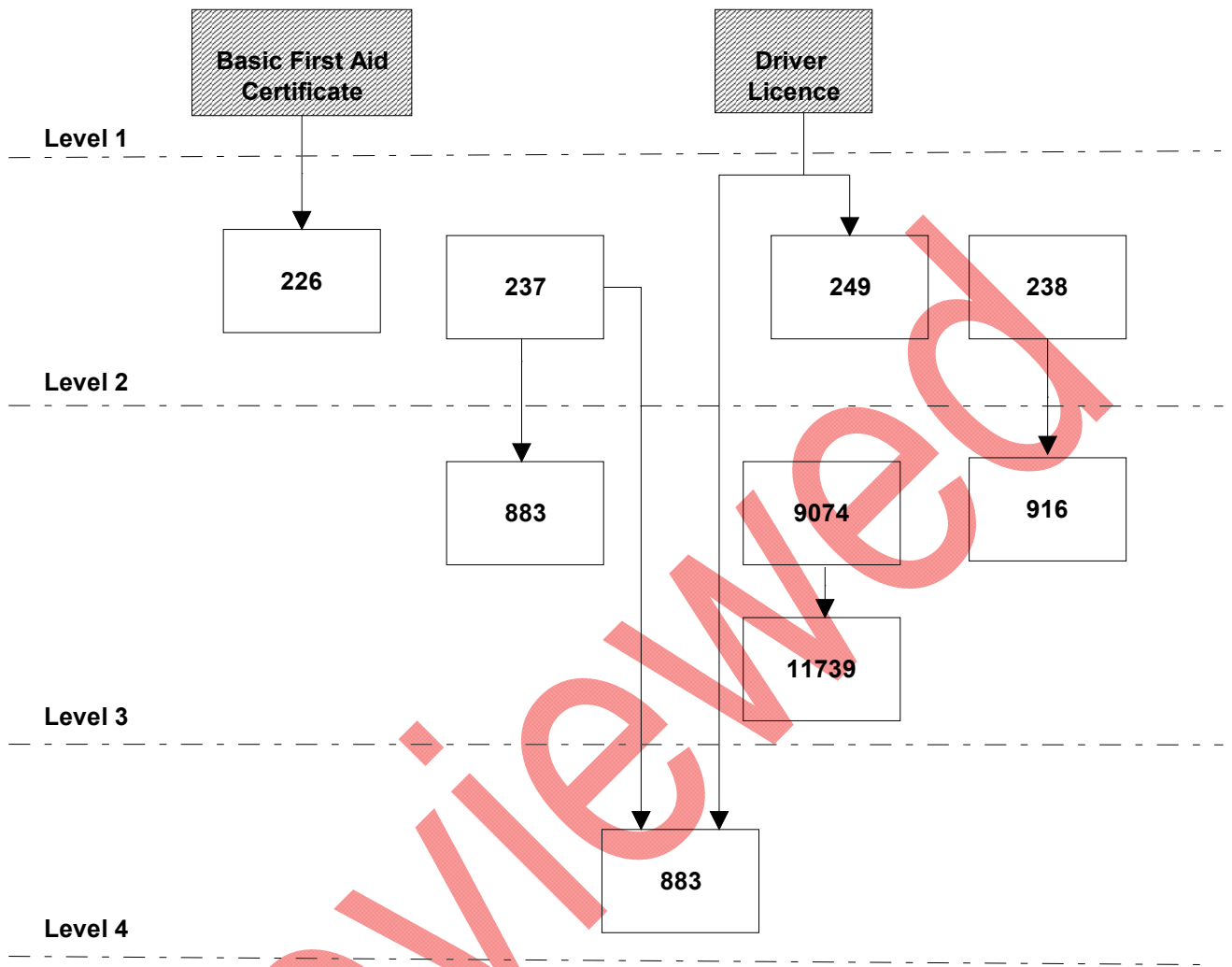
This qualification is classified according to the classification system listed on the Directory of Assessment Standards (DAS) and the New Zealand Standard Classification of Education (NZSCED) system as specified below.

DAS Classification		NZSCED	
Code	Description	Code	Description
257	Engineering and Technology > Motor Industry	0305	Engineering and Related Technologies > Automotive Engineering and Technology

Quality Management Systems

Providers and Industry Training Organisations must be granted consent to assess by a recognised Quality Assurance Body before they can register credits from assessment against standards. Accredited providers and Industry Training Organisations assessing against standards must engage with the moderation system that applies to those standards. Accreditation requirements and the moderation system are outlined in the associated Accreditation and Moderation Action Plan (AMAP) for each standard.

Prerequisite Diagram



REVIEWED