

Title	Demonstrate knowledge of the safe operation of a motorcycle		
Level	2	Credits	3

Purpose	<p>This unit standard is for people working, or intending to work, in the primary sector.</p> <p>People credited with this unit standard are able to demonstrate knowledge of: the safe operation of a motorcycle; motorcycle riding contingency procedures; and the safe operation of a motorcycle with a mounted load.</p>
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Classification	Agriculture > Agricultural Vehicles and Machinery
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Available grade	Achieved
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Guidance Information

- 1 Legislation and regulations relevant to this unit standard include but are not limited to the:
 - Health and Safety at Work Act 2015;
 - Land Transport (Driver Licensing) Rule 1999;
 - Land Transport (Road User) Rule 2004.

- 2 Definitions

Flat terrain is defined as class A and B land under the Land Use Capability Classification, which comprises slopes between 0 - 7° (Flat to gently undulating to undulating terrain).

Rolling terrain is defined as class D land under the Land Use Capability Classification, which comprises slopes between 16 - 20° (Rolling to strongly rolling). More detail is available from <https://www.landcareresearch.co.nz/publications/books/luc>.

- 3 Reference

WorkSafe NZ, *Safe use of two-wheeled motorbikes on farm – guide*. Available from the WorkSafe NZ website www.worksafe.govt.nz.

Outcomes and performance criteria

Outcome 1

Demonstrate knowledge of the safe operation of a motorcycle.

Performance criteria

- 1.1 Identify the legal requirements for a motorcycle, and legal obligations for its rider and passenger, in terms of the Land Transport (Road User) Rule 2004.
- Range registration, warrant of fitness, helmet, rider licences, passenger.
- 1.2 Identify hazards in operating a motorcycle and describe the potential risks of harm to people.
- Range evidence is required for at least five hazards.
- 1.3 Describe control measures to eliminate or minimise health and safety risks.
- 1.4 Describe reporting requirements for accidents or near misses.
- 1.5 Explain the safety requirements for a motorcycle, its rider and passenger in terms of their impact on rider and passenger safety.
- Range includes but is not limited to – personal protective equipment; operational safety (rider ability, rider's physical and mental state, environmental features and conditions, on-farm fences and structures, intended use of vehicle); vehicle safety (tyres, brakes, maintenance).
- 1.6 Identify the function and operation of a motorcycle's controls and displays.
- 1.7 Explain the impact of a motorcycle's dynamics in terms of its safe operation.
- Range stability, steering, manoeuvrability, braking and control.

Outcome 2

Demonstrate knowledge of motorcycle riding contingency procedures.

Performance criteria

- 2.1 Identify the methods for avoiding and correcting traction loss.
- 2.2 Explain active riding techniques and the reasons for using them.
- Range weight transfer, balance, body position, head and eye position.

Outcome 3

Demonstrate knowledge of the safe operation of a motorcycle with a mounted load.

Range flat terrain, rolling terrain;
static loads, movable loads.

Performance criteria

- 3.1 Explain the impact of a mounted load on the dynamics of a motorcycle in terms of steering, manoeuvrability, stability, braking, gear selection, and traction.
- 3.2 Explain techniques for safely attaching a mounted load on a motorcycle in terms of weight of load, load security, and manufacturer's specifications.

Replacement information	This unit standard, unit standard 24556 and unit standard 24557 replaced unit standard 19057.
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Planned review date	31 December 2024
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Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	20 May 2008	31 December 2013
Review	2	21 June 2012	31 December 2021
Review	3	24 October 2019	N/A

Consent and Moderation Requirements (CMR) reference	0052
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This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

Comments on this unit standard

Please contact the Primary Industry Training Organisation standards@primaryito.ac.nz if you wish to suggest changes to the content of this unit standard.