

Title	Demonstrate knowledge of and drive a light 4WD vehicle with a loaded trailer off-road		
Level	3	Credits	3

Purpose	People credited with this unit standard are able to demonstrate knowledge of legal requirements for towing a trailer using a light 4WD vehicle, demonstrate knowledge of towing a trailer using a light 4WD vehicle and Drive a light 4WD vehicle with loaded-trailer off-road.
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Classification	Driving > Specialist Driving Knowledge and Skills
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Available grade	Achieved
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Prerequisites	Unit 17976, <i>Demonstrate knowledge of operating a light four wheel drive (4WD) vehicle in an off-road environment</i> and Unit 17978, <i>Operate a light four wheel drive (4WD) vehicle in an off-road environment</i> . Candidates must hold the appropriate licence for the type of vehicle driven.
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Guidance Information

- 1 It is recommended that people seeking credit for this unit standard first hold credit for Unit 14516, *Demonstrate knowledge of legal requirements for loading and towing a simple light trailer*.
- 2 Evidence presented for assessment against this unit standard must be consistent with safe working practices and be in accordance with applicable service information, and company and legislative requirements. This includes the knowledge and use of suitable tools and equipment.
- 3 Legislation, regulations and/or industry standards relevant to this unit standard include but are not limited to the current version of the Health and Safety at Work Act 2015; and any subsequent amendments and replacements.
- 4 Definitions
Company requirements refer to instructions to staff on policy and procedures that are available in the workplace. These requirements may include – company policies and procedures, work instructions, product quality specifications and legislative requirements.
light 4WD vehicle means any four wheel vehicle with a gross laden weight less than 3500kg and capable of having motive power applied simultaneously to all four wheels. It does not include an all-terrain vehicle;

off-road means a surface other than a sealed or unsealed, formed road or track and includes but is not limited to bush tracks, beaches, river beds and open paddocks;
on-road means a sealed or unsealed, formed road or track;
Service information may include – technical information for a vehicle, machine, or product detailing operation; installation and servicing procedures; manufacturer instructions; technical terms and descriptions; and detailed illustrations.

Outcomes and performance criteria

Outcome 1

Drive a light 4WD vehicle with loaded-trailer off-road.

Performance criteria

- 1.1 The route is planned in accordance with the terrain and weather conditions.
- 1.2 Pre-drive check is carried out on vehicle and trailed equipment.
- Range coupling system, tyres, lights and electrics, bodywork, braking system, load type, load security, weight distribution.
- 1.3 4WD vehicle and trailed equipment are controlled at speeds appropriate to the conditions.
- Range steering, tracking, angles, brakes, gear selection, reversing.
- 1.4 Stability of 4WD and trailed equipment is maintained while driving and turning.
- Range load positioning, load security.
- 1.5 Traction is maintained and is recovered in situations where loss of traction occurs.
- Range situations may include- uphill, downhill, wet conditions, loose surface conditions, rough terrain.
- 1.6 Trailer is reversed.
- Range straight, left turn, right turn.

Planned review date	31 December 2023
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Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	2018	N/A

Consent and Moderation Requirements (CMR) reference	0014
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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 MITO New Zealand Incorporated info@mito.org.nz if you wish to suggest changes to the content of this unit standard.