

Title	Carry out a pre-start vehicle check on a vehicle or machine, and start and shut down the vehicle or machine		
Level	2	Credits	3

Purpose	People credited with this unit standard are able to: carry out a pre-start check on a vehicle or machine; start the engine of a vehicle or machine; and shut down the vehicle or machine.
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Classification	Driving > Core Driving Knowledge and Skills
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Available grade	Achieved
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Prerequisites	Candidates must hold the appropriate licence for the type of vehicle or machine driven.
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Guidance Information

- 1 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 requirements and legislative requirements. This includes the knowledge and use of suitable tools and equipment.
- 2 Legislation, regulations and/or industry standards relevant to this unit standard include but are not limited to the:
 - Health and Safety at Work Act 2015; and any subsequent amendments and replacements.
- 3 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, industry standards, codes of practice, work instructions, product quality specifications and legislative requirements.

Service information may include – technical information for a vehicle or machine detailing operation; installation and servicing procedures; manufacturer instructions; technical terms and descriptions; and detailed illustrations.
- 4 Machines may include – forklifts, earth moving equipment, grader equipment, loaders, dozers, tractors, agricultural equipment, dump trucks, prime movers; electric machines including – forklift, walk-behind pallet, ride-on pallet, reach truck, order picker, counterbalance truck, turret truck.

Outcomes and performance criteria

Outcome 1

Carry out a pre-start check on a vehicle or machine.

Performance criteria

- 1.1 Vehicle documentation is checked for validity and any discrepancies are remedied or reported.
- 1.2 Vehicle is visually inspected for faults or damage.
- 1.3 Vehicle signage, if required by law, is used.
Range may include – alternative fuel labels, dangerous goods placarding, 'L' plates.
- 1.4 Consumables are checked and replenished if required.
Range may include – oil/s, brake and hydraulic fluid, battery fluid, coolant.

Outcome 2

Start the engine of a vehicle or machine.

Performance criteria

- 2.1 Engine is started.
- 2.2 Vehicle instruments, gauges, and warning lights are checked for correct operation.

Outcome 3

Shut down the vehicle or machine.

Performance criteria

- 3.1 Vehicle or machine engine is shut down.
- 3.2 Pre-start checklist, if required, is completed.
- 3.3 Vehicle or machine is secured.

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	22 September 2000	31 December 2017
Review	2	22 October 2004	31 December 2017
Review	3	27 October 2006	31 December 2017
Review	4	16 April 2015	31 December 2020
Review	5	28 March 2019	N/A

Consent and Moderation Requirements (CMR) reference

0014

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.