

Title	Service outboard marine engine		
Level	3	Credits	4

Purpose	People credited with this unit standard are able to inspect an outboard marine engine to determine the condition and carry out maintenance service of outboard engines.
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Classification	Motor Industry > Trailer Boat Systems
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Available grade	Achieved
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Guidance Information

- 1 All work practices must meet recognised codes of practice and workplace policies and procedures (where these exceed code) for personal, product, and workplace health and safety, and must meet the obligations required under the Health and Safety at Work Act 2015, Hazardous Substances and New Organism Act 1996, and Resource Management Act 1991, and any subsequent amendments.
- 2 Definitions
Service information refers to technical information of an engine or product detailing: operation; installation and servicing procedures; manufacturer instructions and specifications; technical terms and descriptions; or illustrations.
Workplace policies and procedures refers to the documented procedures and policies providing guidelines of the tasks and activities carried out in the workplace. This typically includes relevant health and safety requirements to manage risk in the workplace.
- 3 Range
outboard marine engines - two stroke, four stroke.

Outcomes and performance criteria

Outcome 1

Inspect an outboard marine engine to determine its condition.

Performance criteria

- 1.1 Outboard marine engine are inspected to determine the condition in accordance with service information.

Range inspection includes but not limited to – fuel system, cooling system, lubrication system, engine corrosion, cylinders, propeller.

- 1.2 Inspection reports are made in accordance with workplace policies and procedures.

Outcome 2

Carry out a maintenance service of outboard marine engines.

Performance criteria

- 3.1 Service of outboard marine engine is carried out in accordance with service information.

Range outboard engine components include but not limited to – fuel system, cooling system, lubrication system, engine corrosion protection, cylinders, propeller.

- 3.2 Serviced outboard marine engine is checked and tested, any remedial action is taken if required to ensure service information are met.

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	26 July 2018	N/A

Consent and Moderation Requirements (CMR) reference	0136
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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 NZ Marine and Composites Industry Training Organisation training@nzmarine.com if you wish to suggest changes to the content of this unit standard.