

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 its condition, and carry out maintenance service of outboard marine engines.
----------------	---

Classification	Motor Industry > Trailer Boat Systems
-----------------------	---------------------------------------

Available grade	Achieved
------------------------	----------

Guidance Information

- 1 Legislation, regulations, references and/or industry standards relevant to this unit standard include but are not limited to the:

- [Health and Safety at Work Act 2015](#)
- [Hazardous Substances and New Organism Act 1996](#)
- [Resource Management Act 1991](#)

Any new, amended or replacement Acts, regulations, rules, standards, codes of practice, guidelines, or authority requirements or conditions affecting this unit standard will take precedence for assessment purposes, pending review of this unit standard.

- 2 Assessment information

Range

Outboard marine engines – two stroke, four stroke.

Evidence presented for assessment against this unit standard must be consistent with workplace policies and procedures and manufacturers' specifications.

- 3 Definitions

Manufacturers' specifications refer to technical information of an engine or product detailing: operation; installation and servicing procedures; technical terms and descriptions; or illustrations. Manufacturers' specifications must be followed in all instances to ensure compliance with manufacturer warranty, safe operation, and operation that meets manufacturer performance claims.

Workplace policies and procedures refer to the documented procedures and policies providing guidelines for the tasks and activities carried out in the workplace. This typically includes relevant health and safety requirements to manage hazards and/or risks in the workplace.

Outcomes and performance criteria

Outcome 1

Inspect an outboard marine engine to determine its condition.

Performance criteria

1.1 Outboard marine engine is inspected to determine the condition.

Range inspection includes but is not limited to – fuel system, cooling system, lubrication system, engine corrosion, cylinders, propeller, charging system, ignition system, starting systems, trim and tilt system, and drive.

1.2 Inspection reports are completed.

Outcome 2

Carry out a maintenance service of outboard marine engines.

Performance criteria

2.1 Service of outboard marine engine is carried out.

Range outboard engine components include but are not limited to – fuel system, cooling system, lubrication system, engine corrosion protection, cylinders, propeller, charging system, ignition system, starting systems, trim and tilt system, and drive.

2.2 Serviced outboard marine engine is checked and tested.

Planned review date	31 December 2030
----------------------------	------------------

Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	26 July 2018	31 December 2027
Review	2	29 May 2025	N/A

Consent and Moderation Requirements (CMR) reference	0136
--	------

This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

Comments on this unit standard

Please contact Hanga-Aro-Rau Engineering, Manufacturing and Logistics Workforce Development Council at qualifications@hangaarorau.nz if you wish to suggest changes to this skill standard.