

Title	Demonstrate basic knowledge of small outboard engines used in New Zealand Cadet Forces activities		
Level	2	Credits	3

Purpose	<p>This unit standard is intended for personnel who are likely to use small outboard motors in an NZCF activity, members of the New Zealand Cadet Forces or those who are interested in the New Zealand Defence Force.</p> <p>People credited with this unit standard are able to: demonstrate basic knowledge of a small outboard engine used in NZCF activities; demonstrate basic knowledge of simple small outboard engine faults; and demonstrate basic small outboard engine checks, repairs and handling.</p>
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Classification	Cadet Forces > Cadet Forces Specialist
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Available grade	Achieved
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Guidance Information

- 1 Practical tasks in Outcome 3 must comply with all safety regulations and must be completed under appropriate supervision. These tasks require the supervisor to set up simulated engine fault situations.
- 2 All knowledge requirements and practice must comply with industrial and organisational policy and regulations.
- 3 Definition
NZCF is the New Zealand Cadet Forces.

Outcomes and performance criteria

Demonstrate basic knowledge of a small outboard engine used in NZCF activities.

Outcome 1

- 1.1 Identify the main components of a small outboard engine in accordance with the manufacturer's specifications.
- 1.2 Describe essential engine checks in accordance with the manufacturer's specifications.

Range pre-start, start-up, shut-down, post-running.

- 1.3 Describe components of a basic electrical system in accordance with manufacturer's specifications.
- 1.4 Describe components of a basic fuel system of a small outboard engine in accordance with manufacturer's specifications.

Outcome 2

Demonstrate basic knowledge of simple small outboard engine faults.

Performance criteria

- 2.1 Identify simple electrical faults of a small outboard engine and describe remedies in accordance with manufacturer's specifications.
- Range minimum of two faults.
- 2.2 Identify simple fuel system faults of a small outboard engine and describe remedies in accordance with manufacturer's specifications.
- Range minimum of two faults.

Outcome 3

Demonstrate basic small outboard engine checks, repairs and handling.

Performance criteria

- 3.1 Carry out pre-start checks in accordance with manufacturer's specifications.
- Range fuel check, oil check, cooling intake, secured on transom.
- 3.2 Identify faults and remedy under supervision in accordance with manufacturer's specifications.
- Range two fuel and two electrical faults.
- 3.3 Demonstrate safe-handling and stowage of a small outboard engine post-use in accordance with manufacturer's specifications.

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	26 November 2007	31 December 2021
Review	2	23 April 2020	N/A

Consent and Moderation Requirements (CMR) reference	0121
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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 Skills Organisation reviewcomments@skills.org.nz if you wish to suggest changes to the content of this unit standard.