

Title	Describe and report vessel operational hazards		
Level	2	Credits	2

Purpose	People credited with this unit standard are able to describe and report vessel operational hazards to personnel, and to the environment.
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Classification	Maritime > Navigation and Seamanship
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Available grade	Achieved
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Guidance Information

- 1 Legislation relevant to this unit standard may include but is not limited to:
Health and Safety at Work Act 2015.
Maritime Transport Act 1994 and Maritime Rules under the act and their subsequent amendments.
Marine Pollution Act 1974.
Resource Management Amendment Act 2020.
- 2 Definitions
Operating procedures refers to the safe operating procedures documented in the vessel's Maritime Transport Operator Plan (MTOP) as well as any undocumented standard operating procedures for that vessel.
MTOP refers to the documented operational plan required for all commercial vessels as a part of the Maritime Operator Safety System (MOSS), the operator certification system established under Part 19 of the maritime rules and administered by Maritime New Zealand.
Vessel refers to any form of commercial or military watercraft; sometimes used in maritime circles interchangeably with the word ship.
- 3 Assessment information
All activities and evidence must be in accordance with the vessel's Safe Ship Management Policy, and vessel operating procedures.

Outcomes and performance criteria

Outcome 1

Describe and report vessel operational hazards to personnel.

Performance criteria

- 1.1 Personal injury hazard types are described and reported.
- Range hazard types may include but are not limited to – slip, trip, being pinned, head clearance heights, cargo, ladders, being aloft, personal clothing, hair; evidence is required for four types.
- 1.2 The actions of self and others are monitored, altered where necessary, and/or reported to the Master, to maintain personal safety.
- 1.3 Hazards to vessel operation, and to the safety of passengers and crew are recorded in the vessel log or reported to the Master.
- 1.4 Assistance required for securing passengers, crew and vessel equipment, prior to commencement of the letting go operation, is described and reported to the Master.
- Range passengers, crew – inside vessel railings; equipment may include but is not limited to – gangways, ramps, derricks, cranes, lines, ancillary deck equipment.
- 1.5 Crew and/or passenger tally process, and its purpose, is described.

Outcome 2

Describe and report vessel operational hazards to the environment.

Range shipboard waste may include but is not limited to – solid waste, solvents, oil, fuel, sewage, contaminated water.

Performance criteria

- 2.1 The disposal of shipboard waste is described in accordance with company, environmental, and industry regulations.
- Range may include but is not limited to – Marine Pollution Act 1974, Resource Management Amendment Act 2020, vessel operating procedures.
- 2.2 Incidents of waste spillage entering waterways are reported to the Master.
- 2.3 The immediate actions required to contain and neutralise waste spillage are described.

Planned review date	31 December 2025
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Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	24 September 1997	31 December 2022
Review	2	27 July 2001	31 December 2022
Review	3	26 November 2020	N/A

Consent and Moderation Requirements (CMR) reference

0054

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

Comments on this unit standard

Please contact Competenz qualifications@competenz.org.nz if you wish to suggest changes to the content of this unit standard.