

Title	Demonstrate knowledge of lubrication, and lubricate equipment and machinery on board a commercial fishing vessel		
Level	3	Credits	5

Purpose	<p>This unit standard is for people working on a commercial fishing vessel.</p> <p>People credited with this unit standard are able to demonstrate knowledge of lubricants and hydraulic fluids used for lubrication, and hydraulics of fish processing equipment and machinery.</p> <p>They are also able to: lubricate a fish processing equipment and machinery; apply corrosion prevention coating to a fish processing equipment and machinery; and maintain processing equipment and machinery hydraulic fluid levels.</p>
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Classification	Seafood > Seafood Vessel Operations
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Available grade	Achieved
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Guidance Information

- 1 All evidence presented in this unit standard must be in accordance with:
 - Workplace procedures;
 - Animal Products Act 1999;
 - Fisheries Act 1996;
 - Health and Safety at Work Act 2015;
 - Maritime Transport Act 1994;
 and any subsequent amendments.
- 2 The current version of *The Ministry for Primary Industries (MPI) Approved Maintenance Compounds (Non Dairy) Register* may be obtained from the MPI website:
<http://www.foodsafety.govt.nz/registers-lists/maintenance-compounds/index.htm>.
- 3 Definitions

Commercial fishing vessel refers to a vessel that is operating a Maritime Operator Safety System (MOSS) that is recognised by Maritime New Zealand and meets the requirements of the Maritime Transport Operator Certificate and/or Plan.

Workplace procedures refer to the policies and procedures set out in a verbal or written form by the employer or organisation. Procedures must be consistent with current legislative requirements and manufacturer's recommendations or instructions where relevant.

Outcomes and performance criteria

Outcome 1

Demonstrate knowledge of lubricants and hydraulic fluids used for lubrication, and hydraulics of fish processing equipment and machinery.

Range MPI approved maintenance compounds; hydraulic oils.

Performance criteria

1.1 Describe the lubricant characteristics required for the lubrication points on the processing equipment and machinery on board.

Range MPI approved maintenance compound classification, temperature range.

1.2 Describe the hydraulic fluid characteristics required for the hydraulic systems on the processing equipment and machinery on board.

Range must include temperature range and one other characteristic.

Outcome 2

Lubricate a fish processing equipment and machinery.

Range trio skinner, conveyor, filleting machine, mincer/bone separator.

Performance criteria

2.1 Lubricate the equipment and machinery.

Outcome 3

Apply corrosion prevention coating to a fish processing equipment and machinery.

Performance criteria

3.1 Apply MPI approved coating to fish processing equipment and machinery.

Outcome 4

Maintain processing equipment and machinery hydraulic fluid levels.

Performance criteria

4.1 Maintain the correct hydraulic fluid levels in processing equipment and machinery.

Planned review date	31 December 2028
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Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	28 February 2001	31 December 2019
Revision	2	14 January 2004	31 December 2019
Review	3	18 July 2008	31 December 2019
Review	4	24 January 2019	N/A
Rollover	5	29 February 2024	N/A

Consent and Moderation Requirements (CMR) reference	0123
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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 Muka Tangata - People, Food and Fibre Workforce Development Council qualifications@mukatangata.nz if you wish to suggest changes to the content of this unit standard.