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| Title | Inspect and repair a hydraulic marine transmission | | |
| Level | 4 | Credits | 6 |

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| Purpose | People credited with this unit standard are able to inspect and repair a hydraulic marine transmission. |
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| Classification | Motor Industry > Trailer Boat Systems |
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| Available grade | Achieved |
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Guidance information

- 1 Recommended for entry: Unit 15455, *Demonstrate knowledge of marine hydraulic transmission*.
- 2 All work practices must meet recognised codes of practice and documented worksite health and safety procedures (where these exceed code) for personal, product, and worksite health and safety, and must meet the obligations required under the Health and Safety at Work Act 2015, Health and Safety in Employment Regulations 1995, and Resource Management Act 1991, and any subsequent amendments.
- 3 Definitions
Service information refers to technical information of a boat or product detailing: operation; installation and servicing procedures; manufacturer instructions and specifications; technical terms and descriptions; and illustrations.
Workplace policies and procedures refer 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 eliminate hazard/risk in the workplace.

Outcomes and performance criteria

Outcome 1

Inspect a hydraulic marine transmission.

Performance criteria

- 1.1 Hydraulic marine transmission is inspected for damage, faults or deterioration in accordance with workplace policies and procedures.
- 1.2 Pressure checks are carried out in accordance with workplace policies and procedures.

- 1.3 Transmission engine is tested in accordance with workplace policies and procedures.
- 1.4 Inspection report is prepared in accordance with workplace policies and procedures.

Outcome 2

Repair a hydraulic marine transmission.

Performance criteria

- 2.1 Transmission is removed from the boat in accordance with workplace policies and procedures.
- 2.2 Transmission components are disassembled, inspected and cleaned in accordance with workplace policies and procedures.
- 2.3 Transmission faults are repaired in accordance with workplace policies and procedures and service information.
- 2.4 Transmission components are reassembled in accordance with workplace policies and procedures.
- 2.5 Transmission is refitted to the boat and functions are checked in accordance with workplace policies and procedures and service information.

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| Planned review date | 31 December 2022 |
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Status information and last date for assessment for superseded versions

| Process | Version | Date | Last Date for Assessment |
|--------------|---------|-------------------|--------------------------|
| Registration | 1 | 23 February 1999 | 31 December 2018 |
| Revision | 2 | 16 April 2003 | 31 December 2018 |
| Review | 3 | 21 September 2007 | 31 December 2018 |
| Review | 4 | 28 September 2017 | N/A |

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| 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.