

Title	Plan equipment layout and rig a trailer boat		
Level	4	Credits	15

Purpose	People credited with this unit standard are able to determine customer requirements, plan equipment layout for a trailer boat, and carry out equipment rigging.
----------------	---

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

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

Guidance information

- 1 Recommended for entry: Unit 15451, *Demonstrate knowledge of the construction and rigging requirements of trailer boats.*
- 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
Boat equipment refers to motor(s), steering system, fuel system, safety systems, bilge pumps, blowers, fire extinguishers, electronic components, batteries, wiring, charging systems, instruments.
Rigging, in the context of this unit standard, refers to the fitting of engines and related accessories to a trailer boat.
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.
- 4 Range
Evidence of two completed riggings of trailer boat equipment is required.

Outcomes and performance criteria

Outcome 1

Determine customer requirements for equipment layout of a trailer boat.

Performance criteria

- 1.1 Customer requirements are determined in accordance with workplace policies and procedures.

Outcome 2

Plan equipment layout for a trailer boat.

Performance criteria

- 2.1 Boat hull and boat plan are checked to determine equipment suitability in accordance with workplace policies and procedures.
- 2.2 Boat component service information is checked for compatibility and suitability for installation.
- 2.3 A boat plan is sketched in accordance with the proposed mounting and rigging of the equipment on the boat.

Outcome 3

Carry out equipment rigging.

Performance criteria

- 3.1 Boat equipment is installed in accordance with installation plan and workplace policies and procedures.
- 3.2 Boat equipment is installed to prevent material deterioration in accordance with workplace policies and procedures.
- Range using compatible materials, sealing, earthing, sacrificial anodes, protective primers and paints.
- 3.3 Boat equipment installation is checked and remedial action is taken, if required, to ensure the installation plan, functionality, and customer requirements are met.

Planned review date	31 December 2022
----------------------------	------------------

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

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 the NZ Marine and Composites Industry Training Organisation training@nzmarine.com if you wish to suggest changes to the content of this unit standard.