



**Australian Government**

# **AURRTA001 Inspect and service deck, hull and cabin equipment**

**Release: 1**

# AURRTA001 Inspect and service deck, hull and cabin equipment

## Modification History

Release	Comment
Release 1	New unit of competency.

## Application

This unit describes the performance outcomes required to inspect and service the equipment of a vessel's deck, hull and cabin. It involves preparing for the task, inspecting the hull and deck of the vessel and the vessel equipment, reporting the inspection findings, servicing and adjusting the equipment as required, and completing workplace processes and documentation.

It applies to those working in the marine service and repair industry.

No licensing, legislative, regulatory or certification requirements apply to this unit at the time of publication.

## Competency Field

Marine

## Unit Sector

Technical

## Elements and Performance Criteria

Elements	Performance Criteria
Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element. Where bold and italicised text is used, further information is detailed in the range of conditions section.
1. Prepare to inspect and service deck, hull and cabin equipment	<p>1.1 Job requirements are determined from workplace instructions</p> <p>1.2 Servicing information is sourced and interpreted</p> <p>1.3 Hazards associated with the work are identified and risks are managed</p> <p>1.4 Tools, equipment and materials are selected and checked for serviceability</p>

<b>Elements</b>	<b>Performance Criteria</b>
Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element. Where bold and italicised text is used, further information is detailed in the range of conditions section.
2. Inspect deck and hull	<p>2.1 Inspection is carried out to identify deterioration and damage according to manufacturer specifications, workplace procedures and <i>safety requirements</i></p> <p>2.2 Inspection results are compared with manufacturer specifications</p> <p>2.3 Inspection findings are reported according to workplace procedures, including recommendations for necessary repairs or adjustments</p>
3. Inspect deck, hull and cabin equipment	<p>3.1 Inspection is carried out to identify deterioration, damage and improper operation according to manufacturer specifications, workplace procedures and safety requirements</p> <p>3.2 Inspection results are compared with manufacturer specifications</p> <p>3.3 Inspection findings are reported according to workplace procedures, including recommendations for necessary repairs or adjustments</p>
4. Service deck, hull and cabin equipment	<p>4.1 Service and adjustments are carried out according to manufacturer specifications, workplace procedures, and safety and <i>environmental requirements</i>, and without causing damage to components or systems</p> <p>4.2 Post-service testing is carried out according to workplace procedures</p>
5. Complete work processes	<p>5.1 Final inspection is made to ensure work is to workplace expectations and vessel is presented ready for use</p> <p>5.2 Work area is cleaned, waste and non-recyclable materials are disposed of, and recyclable material is collected</p> <p>5.3 Tools and equipment are checked and stored according to workplace procedures</p> <p>5.4 Workplace documentation is processed according to workplace procedures</p>

## Foundation Skills

This section describes those language, literacy, numeracy and employment skills that are essential to performance and are not explicit in the performance criteria.

<b>Skills</b>	<b>Description</b>
Learning skills to:	<ul style="list-style-type: none"> <li>locate appropriate sources of information efficiently.</li> </ul>

<b>Skills</b>	<b>Description</b>
Reading skills to:	<ul style="list-style-type: none"> <li>interpret information from manufacturer and workshop literature when seeking service procedures and specifications relating to deck, hull and cabin equipment.</li> </ul>
Writing skills to:	<ul style="list-style-type: none"> <li>legibly and accurately fill out workplace documentation when reporting inspection findings, making recommendations, and recording parts and material used.</li> </ul>
Oral communication skills to:	<ul style="list-style-type: none"> <li>clarify instructions</li> <li>report inspection findings and make repair recommendations.</li> </ul>
Numeracy skills to:	<ul style="list-style-type: none"> <li>interpret numbers on gauges and dials.</li> </ul>

## Range of Conditions

This section specifies work environments and conditions that may affect performance.

Essential operating conditions that may be present (depending on the work situation, needs of the candidate, accessibility of the item, and local industry and regional contexts) are included.

Bold italicised wording, if used in the performance criteria, is detailed below.

<b><i>Safety requirements</i></b> must include:	<ul style="list-style-type: none"> <li>work health and safety (WHS) and occupational health and safety (OHS) requirements, including procedures for securing vessels prior to beginning work.</li> </ul>
<b><i>Environmental requirements</i></b> must include:	<ul style="list-style-type: none"> <li>procedures for trapping, storing and disposing of waste material produced during servicing processes.</li> </ul>

## Unit Mapping Information

Equivalent to AURRTA2001 Service deck, hull and cabin equipment

## Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=b4278d82-d487-4070-a8c4-78045ec695b1>