



Australian Government

MARB056 Maintain marina infrastructure

Release: 1

MARB056 Maintain marina infrastructure

Modification History

Release 1. This is the first release of this unit of competency in the MAR Maritime Training Package.

Application

This unit involves the skills and knowledge required to develop and implement an infrastructure maintenance plan, which includes site, plant and equipment.

This unit applies to individuals working in a marina and undertaking routine maintenance in a marina.

Licensing/Regulatory Information

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

Pre-requisite Unit

Not applicable.

Competency Field

B – Equipment Checking and Maintenance

Unit Sector

Not applicable.

Elements and Performance Criteria

ELEMENTS

Elements describe the essential outcomes.

1 Prepare for maintenance 1.1

1.2

PERFORMANCE CRITERIA

Performance criteria describe the performance needed to demonstrate achievement of the element.

Marina infrastructure that requires regular maintenance is recognised and confirmed with relevant personnel, as required

Hazards are identified, risks are

- assessed, and control measures implemented according to workplace procedures and supervisor instructions
- 1.3** Appropriate plant, tools and equipment required to undertake maintenance activities are identified and assembled according to workplace procedures
 - 1.4** Emergency procedures are accessed, reviewed and clarified with appropriate personnel
 - 1.5** Skills and experience of marina personnel for maintenance activities are identified
 - 1.6** Maintenance schedule is obtained and interpreted
- 2 Undertake maintenance**
- 2.1** Personal protective equipment (PPE) is identified, selected and used according to workplace procedures
 - 2.2** Firefighting equipment is located, selected and made ready according to workplace policies and procedures
 - 2.3** Work area is prepared according to workplace policies and procedures
 - 2.4** Relevant plant, tools and equipment are prepared and made ready for use according to workplace policies, procedures and manufacturer's instructions
 - 2.5** Maintenance is carried out safely according to workplace policies and procedures
 - 2.6** Safe work practices and environmental requirements are followed according to workplace policies and procedures
 - 2.7** Work is checked against job requirements and presented to relevant personnel for verification

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| 3 Complete maintenance and clean up work area | 3.1 Work area is cleaned, and tools and equipment are stored according to workplace policies and procedures |
| | 3.2 Defective or malfunctioning plant, tools, equipment and systems are reported according to workplace policies and procedures |
| | 3.3 Maintenance schedule is reviewed and revised, as necessary |
| | 3.4 All required documentation is completed according to workplace policies and procedures |

Foundation Skills

Foundation skills essential to performance are explicit in the performance criteria of this unit of competency.

Range of Conditions

Range is restricted to essential operating conditions and any other variables essential to the work environment.

Non-essential conditions can be found in the MAR Maritime Training Package Companion Volume Implementation Guide.

Infrastructure requiring regular maintenance includes:

- cleats or bollards
- equipment, including:
 - marina trolley
 - straddle carrier
- fendering (fender strip)
- gangways and ramps
- pontoon and jetty structures
- rollers and rubbing blocks on pile guides
- ropes and grappling hook assembly
- service pedestals and power/water

Unit Mapping Information

This unit replaces and is not equivalent to MARB023 Maintain marina infrastructure

Links

Companion Volume Implementation Guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=772efb7b-4cce-47fe-9bbd-ee3b1d1eb4c2>

Assessment Requirements for MARB056 Maintain marina infrastructure

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Performance Evidence

Evidence required to demonstrate competence in this unit must be relevant to and satisfy all of the requirements of the elements, performance criteria and range of conditions on at least one occasion and include:

- applying relevant work health and safety (WHS)/occupational health and safety (OHS) requirements, policies, procedures and safe work practices
- completing maintenance activities and clean-up of work area
- following supervisor instructions
- following workplace policies and procedures
- identifying hazards and assessing risks appropriate to own work, job role and according to supervisor and workplace instructions
- interacting effectively with other personnel on a one-to-one basis and in groups
- planning and organising own work activities
- reading and interpreting written information needed to perform basic calculations and establish job requirements
- selecting and using correct personal protective equipment (PPE) for safe work practices.

Knowledge Evidence

Evidence required to demonstrate competence in this unit must be relevant to and satisfy all of the requirements of the elements, performance criteria and range of conditions and include knowledge of:

- boat types and construction
- common damage that occurs in a marina
- efficient and productive use of materials with minimum wastage
- hazards and established control measures associated with routine tasks, including housekeeping
- preventive maintenance, benefits, and its importance in a marina
- purpose and benefits of regular maintenance in a marina
- roles, responsibility and duties undertaken by marina staff
- site layout

- types of marinas, use, characteristics and features
- types of vessels, size and construction
- WHS/OHS safe practices and procedures
- workplace policies and procedures.

Assessment Conditions

Assessors must hold credentials specified within the Standards for Registered Training Organisations current at the time of assessment.

Assessment must satisfy the Principles of Assessment and Rules of Evidence and all regulatory requirements included within the Standards for Registered Training Organisations current at the time of assessment.

Assessment processes and techniques must be appropriate to the language, literacy and numeracy requirements of the work being performed and the needs of the candidate.

Assessment must occur in workplace operational situations, where this is not appropriate, assessment must occur in simulated workplace operational situations that replicate workplace conditions.

Resources for assessment must include access to:

- applicable documentation such as workplace policies, procedures, regulations, codes of practice, operation manuals, manufacturer instructions and procedures
- tools, equipment, machinery, materials and relevant PPE currently used in industry

Links

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