



Australian Government

MARB024 Undertake basic boatyard operations

Release: 1

MARB024 Undertake basic boatyard operations

Modification History

Release 1. This is the first release of this unit of competency in the MAR Maritime Training Package Release 3.0.

Application

This unit involves the skills and knowledge required to safely perform basic boatyard operations on a variety of vessels including servicing, repairs, upgrades, maintenance, refits and/or installation.

This unit applies to individuals working in a marina who apply safe work practices when undertaking a range of basic boatyard operations.

No licencing, 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	PERFORMANCE CRITERIA
Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element.
1 Plan and prepare boatyard operations	1.1 Job requirements are identified and interpreted and clarified with relevant personnel as necessary 1.2 Relevant plant, tools and equipment required to undertake work activity are identified and assembled 1.3 Actual and potential hazards are identified and protective clothing and equipment are selected to minimise risks
2 Conduct boatyard	2.1 Relevant regulatory and work health and safety

operations

(WHS)/occupational health and safety (OHS) procedures are followed and personal protective clothing and equipment are used according to workplace policies and procedures

- 2.2 Procedures to prevent pollution including sound environmental protection are identified, observed and implemented at all times
- 2.3 Work area is prepared, signage is placed appropriately and yard space is utilised efficiently according to workplace policies and procedures
- 2.4 Relevant plant, tools and equipment are checked, prepared and made ready for use
- 2.5 Work activity is carried out according to workplace policies and procedures
- 2.6 Work is checked against job requirements and verified by relevant personnel

3 Complete boatyard operations and clean-up work area

- 3.1 Waste and scraps are removed and material that can be reused is collected and stored
- 3.2 Plant, tools and equipment and work area are cleaned and inspected according to workplace procedures
- 3.3 Defective or malfunctioning plant, tools, equipment and systems are reported according to workplace procedures
- 3.4 Tools and equipment are stored according to workplace procedures
- 3.5 Required documentation is completed according to workplace 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.

Boatyard operations include one or more of the following:

- hauling and blocking vessels
- maintaining and repairing vessels
- maintaining equipment and facilities
- pressure washing and antifouling vessels
- refit or installation

Hazards include:

- chemicals and cleaning agents
- forklift accidents
- moving to and from the wash down bay
- moving vessels on and off the hardstand
- noise, dust, working outdoors
- slipping vessels
- tripping
- vessels entering and exiting the straddle carrier (lifting and relaunching)

Unit Mapping Information

No equivalent unit.

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 MARB024 Undertake basic boatyard operations

Modification History

Release 1. This is the first release of this unit of competency in the MAR Maritime Training Package Version 3.0.

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 regulations, work health and safety (WHS)/occupational health and safety (OHS) requirements and work practices
- identifying hazards and assessing risks appropriate to own work area and job role
- 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.

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:

- basic problem solving
- boat carriage
 - crane/gantry
 - forklift
 - rail slipway
 - straddle carrier/boat hoist
 - transporter
 - trailer
- boat types and construction
- correct use of safety signage
- different types of boat carriage and their use
- efficient and productive use of materials with minimum wastage
- hazards and established control measures associated with routine tasks, including housekeeping

- site layout
- WHS/OHS practices and procedures
- workplace policies and procedures.

Assessment Conditions

As a minimum, assessors must satisfy applicable regulatory requirements, which include requirements in the Standards for Registered Training Organisations, current at the time of assessment.

As a minimum, assessment must satisfy applicable regulatory requirements, which include requirements in 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 a fully operational marina or, where this is not available, in simulated workplace operational situations that reflect workplace conditions where basic boatyard operations can be applied.

Resources for assessment include access to:

- applicable documentation including workplace procedures, regulations, and operation manuals
- dedicated tools and equipment, materials and parts currently used in industry.
-

Links

Companion Volume implementation guides are found in VETNet -

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