



Australian Government

MARB026 Apply knowledge of marine terminology and port procedures

Release: 1

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Modification History

Release 1. New unit of competency.

Application

This unit involves the skills and knowledge required to develop, apply and maintain a knowledge of the maritime industry and port and terminal procedures.

This unit applies to people working in the maritime industry as a Linesperson.

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 Undertake research

PERFORMANCE CRITERIA

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

- 1.1 Sources that provide accurate and current information about the maritime industry are identified and accessed
- 1.2 Relevant information about characteristics and structure of the maritime industry is collected and documented
- 1.3 Roles of relevant professional associations, industry bodies, unions and regulators are identified and recorded

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| | 1.4 | Information is organised and stored in an easily accessible format and is applied in day to day work |
| 2 Identify relevant marine terminology | 2.1 | Marine terms and terminology are obtained and recorded |
| | 2.2 | Typical terminology used by an organisation is identified and the meaning of each is explained |
| | 2.3 | Terminology relevant to the organisation is discussed with team members and supervisor |
| | 2.4 | Terminology is reviewed, documented and applied in day to day work |
| 3 Provide an overview of port and terminal procedures | 3.1 | Port and terminal procedures are obtained, interpreted and clarified as required with relevant personnel |
| | 3.2 | Similarities and differences between various ports and terminal procedures are outlined, and advantages and disadvantages of each are explained and documented |
| | 3.3 | Duties of port and terminal personnel are identified |
| 4 Maintain industry knowledge | 4.1 | Relevant information, terminology and procedures are reviewed regularly and any changes are identified and applied in day to day work |
| | 4.2 | Arrangements for keeping up with changes and maintaining up to date knowledge are established and applied |
| | 4.3 | Emerging accepted trends are applied and changes affecting the organisation are reviewed and incorporated into day to day work activities |

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 Companion Volume Implementation Guide.

Relevant information includes one or more of the following:

- maritime authority instructions
- mooring and unmooring plans, procedures, checklists and instructions
- reports and records of mooring and unmooring operations or safety incidents
- rope and equipment manufacturer instructions and procedures
- safety instructions and procedures
- port procedure manuals

Personnel include one or more of the following:

- launch crew
- mooring supervisor
- wharf mooring personnel (bow) forward
- wharf mooring personnel (stern) aft
- pilot
- port and terminal personnel
- tug crew/s
- vessel crew

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 MARB026 Apply knowledge of marine terminology and port procedures

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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:

- communicating effectively with team members and other personnel
- locating, reading, interpreting and applying relevant documentation and procedures
- maintaining communications with team members and other personnel
- planning and organising own work activities
- working collaboratively with others.

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 research methodology
- marine terms and terminology relevant to ports/wharfs/terminals and mooring and unmooring activities
- mooring and unmooring equipment
- nature, role and functions of relevant professional associations, unions, industry bodies and regulators
- port emergency and evacuation procedures
- port/wharf/terminal site layout
- relevant legislation related to port procedures
- relevant maritime websites to locate current and relevant information
- relevant work health and safety (WHS)/occupational health and safety (OHS) legislation, codes of practice, policies and procedures
- roles, responsibility and duties undertaken by staff
- types and characteristics of mooring lines
- types of port/wharf/terminal, characteristics and features
- typical superstructure configurations and general deck layouts
- vessel types, classification, construction, size and capacity

- workplace processes, 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.

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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 or where this is not available, in simulated workplace operational situations or an industry-approved marine operations site that replicate workplace conditions.

Resources for assessment include access to:

- a range of relevant exercises, case studies and/or other simulated practical and knowledge assessments
- relevant documentation including workplace procedures, regulations, codes of practice and operation manuals.

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