



Australian Government

Assessment Requirements for MARB010 Plan and supervise routine maintenance on a vessel up to 80 metres

Release: 1

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Modification History

Release 1. New unit of competency.

Performance Evidence

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

- effectively liaising with internal and external authorities/agencies
- initiating timely action in response to defects or damage
- interpreting planned maintenance system to determine maintenance requirements
- managing maintenance of vessel
- monitoring selection and use of supplies involved in maintenance of vessel
- preparing reports on outcomes of inspection and maintenance activities
- reading and interpreting safety data sheets (SDS)/material safety data sheets (MSDS)
- reading and interpreting vessel, equipment and machinery specifications, drawings, operational manuals and diagrams
- taking appropriate precautions to prevent pollution of marine environment.

Knowledge Evidence

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

- elements of ship structure crucial to the safety of the ship
- fundamental principles of vessel construction
- maintenance records that must be maintained on vessel to meet organisational and statutory requirements
- nature and causes of corrosion of marine surfaces and structures, and available means for control
- principal structural components
- procedures for initiation and coordination of repair and/or replacement procedures on board vessel
- relevant laws and regulations including work health and safety (WHS)/occupational health and safety (OHS) and pollution control legislation
- slipping and docking procedures suitable for various types of hull forms
- typical problems related to maintenance of vessels and appropriate actions and solutions.

Assessment Conditions

Assessors must satisfy National Vocational Education and Training Regulator (NVR)/Australian Quality Training Framework (AQTF) assessor requirements.

Assessment must occur in workplace operational situations where it is appropriate to do so; where this is not appropriate, assessment must occur in simulated workplace operational situations that reflect workplace conditions.

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.

Resources for assessment must include access to:

- tools, equipment, machinery, materials and personal protective equipment currently used in industry
- applicable documentation such as legislation, regulations, codes of practice, workplace procedures and operational manuals
- range of relevant exercises, case studies and/or simulations.

Links

Companion Volume implementation guides are found in VETNet -

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