



Australian Government

Assessment Requirements for MARM002 Apply vessel construction theory to marine survey tasks

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, performance criteria and range of conditions on at least one occasion and include:

- applying relevant work health and safety/occupational health and safety (WHS/OHS) requirements and work practices
- calculating vessel stability accurately, using basic stability criteria calculations
- developing and maintaining effective planning documents
- estimating, measuring and calculating time required to complete tasks
- interpreting, applying and conveying information verbally, in writing and diagrammatically
- interpreting numerical data
- reading and interpreting vessel specifications and drawings
- recording and reporting workplace information.

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 stability theory, and use and purpose of a vessel stability book
- commercial vessel types and their structure
- nomenclature relevant to vessel construction
- other guidance such as:
 - Marine Orders
 - Marine Safety (Domestic Commercial Vessel) National Law
 - National Standard for Commercial Vessels (NSCV)
- principal design features of small vessels related to stability and watertight integrity
- process of constructing commercial vessels
- WHS/OHS requirements and safe work practices.

Assessment Conditions

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

Assessment must satisfy the National Vocational Education and Training Regulator (NVR)/Australian Quality Training Framework (AQTF) standards.

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 these are not available, in simulated workplace operational situations or an industry-approved marine operations site that replicates workplace conditions.

Resources for assessment include access to:

- relevant regulatory and equipment documentation including workplace procedures, regulations, codes of practice and operation manuals that impacts on work activities
- tools, equipment, material and personal protective equipment currently used in industry.

Performance should be demonstrated consistently over time and in a suitable range of contexts.

Links

Companion Volume implementation guides are found in VETNet -

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