



Australian Government

Assessment Requirements for MARC012 Monitor and manage vessel operations

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:

- collecting, organising and understanding information related to vessel resource and logistic requirements
- communicating ideas and information to enable input from crew and understanding by crew of plans developed
- completing a review of and updating the process for, vessel operations
- developing effective planning documents
- liaising with other crew members on a range of operational issues and challenges
- monitoring and responding to compliance issues and measuring progress against agreed objectives
- planning and organising activities including consulting with crew to determine resource and logistics requirements, and developing, implementing and reviewing operational plans
- undertaking a job safety analysis for working in areas of high risk
- using information gathering techniques to determine crew requirements and developing strategies to address these
- using mathematical techniques to correctly interpret budgets and estimate material requirements.

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:

- analytical tools
- decision-making models and techniques
- information gathering strategies
- logistics and procurement management techniques
- operational plan development
- resource availability.

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>