



Australian Government

Assessment Requirements for MARB033 Assist with routine maintenance of a vessel

Release: 1

Assessment Requirements for MARB033 Assist with routine maintenance of a vessel

Modification History

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

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:

- completing maintenance records
- complying with manufacturer requirements, work health and safety (WHS)/occupational health and safety (OHS) requirements and safety data sheets (SDS)/material safety data sheets (MSDS)
- identifying faulty equipment
- implementing safe and environmentally responsible work practices
- making routine adjustments and repairs under supervision, including:
 - checking cooling system, fuel, grease and oil, and battery levels
 - inspecting fan belts, leads, lines, connections, air filters, hydraulics and lighting
 - greasing and oiling
- selecting and using correct tools and equipment for cleaning or maintenance tasks, including:
 - cleaning supplies
 - grease guns
 - handheld power tools
 - hand tools.

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:

- component parts, operation and routine maintenance requirements of vessel machinery
- environmental and waste management procedures, including:
 - preventative measures with regard to damage to the environment caused by servicing, maintenance and cleaning activities
 - safely using and disposing of cleaning and maintenance debris, including oil containers, fuel, chemical residues and paint
- equipment cleaning and preservation techniques
- maintenance hazards and problems

- paint types and applications
- principles and procedures of machinery lubrication as they relate to vessel machinery
- procedures for using hand tools for routine maintenance operations
- relevant WHS/OHS and pollution control legislation
- rust treatment
- techniques for maintenance of surfaces, including timber, fibre glass, steel and aluminium
- workplace cleaning and maintenance procedures.

Assessment Conditions

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.

Practical assessment must occur in a workplace, or realistic simulated workplace, under the normal range of workplace conditions.

Simulations and scenarios may be used where situations cannot be provided in the workplace or may occur only rarely, in particular for situations relating to emergency procedures and adverse weather conditions where assessment would be unsafe, impractical or may lead to environmental damage.

Resources for assessment must include access to:

- applicable documentation, such as legislation, regulations, codes of practice, workplace procedures and operational manuals
- tools, equipment, machinery and materials and personal protective equipment (PPE) currently used in industry.

Links

Companion Volume implementation guide can be found in VetNet -

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