



Australian Government

Assessment Requirements for MEM50005 Refuel vessels

Release: 1

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Modification History

Release 1. Supersedes and is equivalent to MEM50005B Refuel vessels

Performance Evidence

Evidence required to demonstrate competence in this unit must be relevant to and satisfy the requirements of the elements and performance criteria on at least two (2) occasions and include:

- following work instructions, standard operating procedures (SOPs) and safe work practices
- identifying correct fuel for the application
- identifying correct additives and lubricant for the application
- using appropriate personal protective equipment (PPE)
- sourcing and interpreting Hazchem (or similar) requirements and working safely with fuels and lubricants
- refilling fuel containers and tanks and checking fuel levels using gauges, dipsticks and sight tubes
- refilling and, if required, replacing gas cylinders and carrying out leak test in accordance with procedures
- containing spills using containment and clean up procedures.

Knowledge Evidence

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

- safe work practices and procedures and use of PPE
- different fuels and their applications
- personal and environmental dangers associated with fuels and refuelling/filling
- risk minimisation
- selection of appropriate fire-fighting equipment
- reduction of vapours
- correct handling of gas cylinders, including condition and lifespan
- dealing with spills
- emergency procedures
- regulatory and legislative requirements.

Assessment Conditions

- Assessors must:

- have vocational competency in refuelling vessels at least to the level being assessed with relevant industry knowledge and experience
- satisfy the assessor requirements in the *Standards for Registered Training Organisations 2015* or its replacement and comply with the *National Vocational Education and Training Regulator Act 2011*, its replacement or equivalent legislation covering VET regulation in a non-referring state/territory as the case requires
- Where possible assessment must occur in operational workplace situations. Where this is not possible or where personal safety or environmental damage are limiting factors, assessment must occur in a sufficiently rigorous simulated environment that reflects realistic operational workplace conditions. This must cover all aspects of workplace performance, including environment, task skills, task management skills, contingency management skills and job role environment skills
- Conditions for assessment must include access to all tools, equipment, materials and documentation required, including relevant workplace procedures, product and manufacturing specifications
- 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.

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=b7050d37-5fd0-4740-8f7d-3b7a49c10bb2>