



Australian Government

Assessment Requirements for DEFPET001 Conduct field refuelling operations from a bulk fuel installation

Release: 1

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Modification History

Release 1. This is the first release of this unit of competency in the DEF Defence 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:

- applying relevant legislation, regulatory standards, and organisational policies and procedures
- controlling fuel spills
- earthing vehicle and plant
- implementing environmentally sustainable work practices
- interpreting fuel markings and panels
- operating refuelling equipment
- refuelling vehicles and plant
- responding to emergencies using emergency response plans
- testing fuel for product contamination.

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:

- Australian dangerous goods codes including:
 - segregation and storage requirements
- causes of explosions and related preventative measures
- emergency/incident response plans
- environmental protection measures to be applied during fuel transfer operations
- firefighting techniques
- fuel products and fuel transfer systems including valve and hose systems
- functions and responsibilities of team members
- hazard control methods associated with fuel products
- hydraulics principles
- physical properties of fuels
- refuelling equipment must include one or more of the following:
 - 50 mm/100 mm fuel equipment including:

- fittings
- pipelines and hoses
- pumps
- valves, vessels and tanks
- measurement instruments including:
 - hydrometers
 - tapes
 - thermometers
- relevant organisational policies and procedures.

Assessment Conditions

As a minimum, assessors must satisfy applicable regulatory requirements, which include requirements in the Standards for Registered Training Organisations current at the time of assessment.

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

Resources for assessment must include access to:

- a range of relevant exercises, case studies and/or other simulations
- relevant and appropriate materials, tools, equipment and personal protective equipment currently used in industry including:
 - workplace refuelling equipment and fuel products
 - safety equipment
 - specific workplace operating procedures and publications
- applicable documentation including operational procedures, regulations, codes of practice and operation manuals.

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=6bdbab1e-11ed-4bc9-9cba-9e1a55d4e4a9>