



Australian Government

AHCMOM316 Refuel machinery or vehicle

Release: 1

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Modification History

Release	TP Version	Comment
1	AHCv1.0	Initial release

Application

This unit of competency describes the skills and knowledge required to receive and store bulk fuel, and refuel machinery or vehicle.

All work must be carried out to comply with workplace procedures, work health and safety requirements, manufacturer's specifications and sustainability practices.

This unit applies to individuals who work under broad direction and take responsibility for their own work including limited responsibility for the work of others. They use discretion and judgement in the selection and use of available resources.

No occupational licensing, legislative or certification requirements are known to apply to this unit at the time of publication.

Pre-requisite Unit

Nil.

Unit Sector

Machinery operation and maintenance (MOM)

Elements and Performance Criteria

Element	Performance criteria
Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element.
1. Receive and store bulk	1.1 Identify regulatory and industry requirements for the receipt and

Element	Performance criteria
fuel	<p>storage of bulk fuel, and refuelling operations</p> <p>1.2 Identify work health and safety hazards, assess risks and implement suitable controls</p> <p>1.3 Identify dangers of volatile fuel liquids and vapours</p> <p>1.4 Locate and check firefighting and spill response equipment, and replace faulty equipment</p> <p>1.5 Ensure facilities for storage of bulk fuel meet national standards</p> <p>1.6 Check bulk fuel storage facilities to ensure fuel quality is maintained during storage</p> <p>1.7 Check storage facilities and refuelling equipment for leaks.</p> <p>1.8 Receive bulk fuel into storage, in compliance with regulatory requirements and enterprise policies</p> <p>1.9 Complete documentation for receipt of bulk fuel if required</p> <p>1.10 Monitor bulk fuel during storage to maintain fuel quality and usage</p>
2. Prepare for refuelling	<p>2.1 Select, maintain and use personal protective equipment</p> <p>2.2 Select fuel based on machinery or vehicle use and manufacturer instructions</p> <p>2.3 Ensure appropriate firefighting and spill response equipment are accessible</p> <p>2.4 Ensure appropriate refuelling equipment is available and meets national standards</p> <p>2.5 Check and secure refuelling equipment</p> <p>2.6 Position and secure machinery or vehicle for refuelling</p>
3. Refuel machinery or vehicle from fixed storage	<p>3.1 Open tank valves if necessary</p> <p>3.2 Refuel machinery or vehicle in compliance with regulatory requirements and manufacturer instructions</p> <p>3.3 Ensure there is no residual fuel in fuel transfer equipment such as hoses</p> <p>3.4 Contain spills and mitigate environment or safety dangers if required, in compliance with legislation and enterprise policies</p> <p>3.5 Check fuel levels</p> <p>3.6 Close and secure tank valves if necessary</p>
4. Refuel machinery or vehicle from portable containers	<p>4.1 Ensure only approved containers are used to transport decanted fuel</p> <p>4.2 Ensure portable containers being towed are secure</p> <p>4.3 Check containers to ensure fuel quality is maintained</p> <p>4.4 Decant fuel from fixed storage into containers ensuring potential risks are minimised</p> <p>4.5 Ensure there is no residual fuel in fuel transfer equipment for all</p>

Element	Performance criteria
	decanting procedures 4.6 Transport containers to worksite following codes of practice or guidelines 4.7 Decant fuel from portable containers using appropriate equipment 4.8 Contain spills and mitigate environment or safety dangers if required, in compliance with legislation and enterprise policies
5. Complete refuelling	5.1 Clean, maintain and store refuelling equipment and containers 5.2 Complete documentation and records if required

Foundation Skills

Foundation Skills essential to performance are explicit in the performance criteria of this unit of competency.

Range of Conditions

Unit Mapping Information

No equivalent unit.

Links

Companion Volume implementation guides are found in VETNet -
<https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72>