



Australian Government

DEFPHL006 Monitor water handling and distribution practices

Release: 1

DEFPHL006 Monitor water handling and distribution practices

Modification History

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

Application

This unit specifies the skills and knowledge required to inspect and monitor water distribution for safe water handling practice as a member of the Australian Defence Force (ADF).

It includes monitoring water distribution point, storage and equipment.

This unit applies to Defence personnel required to monitor water handling and distribution.

The skills and knowledge described in this unit must be applied within the legislative, regulatory and policy environment in which they are carried out. Organisational policies and procedures must be consulted and adhered to.

Persons undertaking this unit work independently and perform routine tasks in a range of familiar contexts.

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

Pre-requisite Unit

Not applicable

Competency Field

Preventive Health

Unit Sector

Not applicable.

Elements and Performance Criteria

ELEMENTS

Elements describe the essential outcomes.

1 Monitor water

PERFORMANCE CRITERIA

Performance criteria describe the performance needed to demonstrate achievement of the element.

1.1 Perform routine monitoring of water storage and

distribution point		distribution points to assess standard of safe water handling practices
	1.2	Perform field water testing to determine the quality of water, in accordance with operational procedures
	1.3	Interpret information gathered during monitoring in accordance with relevant standards and guidelines for drinking water quality
	1.4	Assess water handling practices and make recommendations to relevant personnel for improving water safety
	1.5	Report contaminated water to relevant stakeholder and take immediate action to restrict the use of contaminated water
2 Monitor water storage and distribution equipment	2.1	Review local system for cleaning and sanitising water storage and distribution equipment to ensure it conforms with organisational policies and procedures
	2.2	Provide advice about cleaning and sanitising water storage and distribution equipment
	2.3	Implement regular water storage and distribution equipment surveys in accordance with operational procedures
	2.4	Quarantine and report equipment suspected of contamination or not approved for water storage and distribution, to relevant stakeholders

Foundation Skills

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

Range of Conditions

Range is restricted to essential operating conditions and any other variables essential to the work environment.

Non-essential conditions may be found in the Companion Volume Implementation Guide.

Unit Mapping Information

This unit replaces and is equivalent to DEFPH006A Monitor water handling and distribution practices.

Links

Companion Volume implementation guides are found in VETNet -

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

Assessment Requirements for DEFPHL006 Monitor water handling and distribution practices

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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 two separate occasions and include:

- applying legislation, regulatory standards and organisational policies and procedures
- communicating and consulting with stakeholders
- implementing control measures of disease transmission
- implementing safe water handling practices
- implementing water quality assurance measures
- interpreting data gathered in the field against quality standards in national water quality guidelines
- recognising unsafe water or water storage containers
- researching causes of disease transmission
- taking action to prevent disease and illness.

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:

- aetiology of water-borne diseases
- control measures of disease transmission
- health surveillance system
- relevant legislation, standards, and organisational policies and procedures
- risk management principles
- safe water handling practices and guidelines.

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, stores and personal protective equipment currently used in industry
- relevant documentation including operational procedures, regulations, codes of practice and operation manuals.

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