



Australian Government

HLTPOP003 Monitor and maintain water supply

Release: 1

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Modification History

Release	Comments
Release 1	This version was released in <i>HLT Health Training Package release 3.0</i> and meets the requirements of the 2012 Standards for Training Packages. Minor changes to the elements and performance criteria. New evidence requirements for assessment, including volume and frequency requirements. Minor changes to knowledge evidence. Supersedes HLTPOP218D

Application

This unit describes the skills and knowledge required to identify the basic way in which water supply systems function and the strategies needed to maintain water supply systems in the community.

This unit applies to work in a public health context and workers at this level will work under supervision within defined guidelines.

Plumbing work must only be performed by a person authorised by registration or licence granted by the relevant State or Territory regulatory authority under legislation.

The skills in this unit must be applied in accordance with Commonwealth and State/Territory legislation, Australian/New Zealand standards and industry codes of practice.

Elements and Performance Criteria

ELEMENT

PERFORMANCE CRITERIA

Elements define the essential outcomes.

Performance criteria specify the level of performance needed to demonstrate achievement of the element.

1. Identify potential problems and faults with water supply systems in the community

1.1 Identify components of the water supply system in the community

1.2 Check for signs of contamination and identify potential problems that can occur with water supply systems and household plumbing and fixtures

ELEMENT**PERFORMANCE CRITERIA**

Elements define the essential outcomes.

Performance criteria specify the level of performance needed to demonstrate achievement of the element.

2. Monitor and maintain the water supply system

2.1 Identify strategies required to prevent the transmission of disease through the water supply

2.2 Develop and implement a work plan in conjunction with supervisor

2.3 Report any difficulties or problems to supervisor in accordance with organisational policies and procedures

2.4 Refer any problems or difficulties that are outside own area of responsibility or expertise to relevant people or agencies

Foundation Skills

The Foundation Skills describe those required skills (language, literacy, numeracy and employment skills) that are essential to performance.

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

Unit Mapping Information

No equivalent unit

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=ced1390f-48d9-4ab0-bd50-b015e5485705>

Assessment Requirements for HLTPOP003 Monitor and maintain water supply

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Performance Evidence

The candidate must show evidence of the ability to complete tasks outlined in the elements and performance criteria of this unit, manage tasks and manage contingencies in the context of the job role. There must be evidence that the candidate has:

- identified at least 2 potential health risks, faults or problems associated with household plumbing design and fixtures and developed and implemented a work plan that includes strategies to deal with each issue.

Knowledge Evidence

The candidate must be able to demonstrate essential knowledge required to effectively complete tasks outlined in elements and performance criteria of this unit, manage tasks and manage contingencies in the context of the work role. This includes knowledge of:

- legal and organisation requirements relating to water supply work, including:
 - organisation standards, policies and procedures, including:
 - infection control
 - manual handling
 - personal protective equipment
 - immunisation requirements and/or recommendations
 - scope of own role and responsibilities
 - approvals required and process of obtaining approvals
 - referral agencies and procedures

- water and sewerage plans for the community where available
- various sources of water, including:
 - bore water
 - surface water
 - spring water
 - rock catchments
 - soaks
 - dams
 - rain water tanks
- how water is accessed in the community
- household plumbing design and fixtures and the way in which water supply enters the house or building along internal plumbing and pipes to taps and appliances
- how to monitor water supply and common water supply contaminants
- signs, causes and prevention of water contamination
- common faults, risks and problems associated with household plumbing and water supply systems and how to identify them.

Assessment Conditions

Skills must have been demonstrated in the workplace or in a simulated environment that reflects workplace conditions. The following conditions must be met for this unit:

- use of suitable facilities, equipment and resources, including:
 - workplace health and safety (WHS) procedures
 - personal protective equipment
 - organisation guidelines and procedures
 - suitable work area, equipment and materials
- modelling of industry operating conditions.

Assessors must satisfy the Standards for Registered Training Organisations (RTOs) 2015/AQTF mandatory competency requirements for assessors.

Links

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