

Title	Establish and deliver water supplies for fire and emergency operations		
Level	2	Credits	3

Purpose	<p>This unit standard applies to the establishment of water supplies from its source (both pressure fed and static), to and from pumps up to the point of delivery.</p> <p>People credited with this unit standard are able to:</p> <ul style="list-style-type: none"> - identify water supplies for fire and emergency operations; - select and connect hoses, waterway equipment, and construct a portable dam to deliver water supplies; and - restore site and recommission equipment after use.
----------------	---

Classification	Fire and Rescue Services > Fire and Rescue Services - Generic Fire Fighting
-----------------------	---

Available grade	Achieved
------------------------	----------

Guidance Information

- 1 Compliance with the fire and emergency agency's Health and Safety policy and procedures is mandatory.
- 2 Assessment against this unit standard must take place under real or simulated conditions.
- 3 Assessment against all outcomes must be in accordance with fire and emergency agency's requirements.
- 4 Definition
Fire and emergency agency's requirements refer to policies, procedures, and supporting documentation on safety and operations set down by each fire and emergency agency employer or host organisation.

Outcomes and performance criteria

Outcome 1

Identify water supplies for fire and emergency operations.

Performance criteria

- 1.1 Available water sources are identified.
Range static, reticulated, mobile.
- 1.2 Suitability of available water sources is assessed.
Range access, quantity, quality, site safety.
- 1.3 Methods of improving water supply quantity are identified in accordance with the capacity of the available pumping equipment.

Outcome 2

Select and connect hoses, waterway equipment, and construct a portable dam to deliver water supplies.

Performance criteria

- 2.1 Hoses and waterway equipment that allows water to be supplied from the water source to and from pumps are selected and connected.
Range a minimum of four of – hose diameter, length, type, pressure and/or flow requirements, pressure change due to friction loss.
- 2.2 A portable dam capable of holding and supplying water is constructed.

Outcome 3

Restore site and recommission equipment after use.

Performance criteria

- 3.1 Site is restored as is possible and practicable.
- 3.2 Equipment is recommissioned, and any required documentation is completed.

Planned review date	31 December 2026
----------------------------	------------------

Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	16 March 1995	31 December 2012
Review	2	27 May 1998	31 December 2012
Review	3	25 March 2004	31 December 2012
Review	4	21 January 2011	31 December 2023
Review	5	30 September 2021	N/A

Consent and Moderation Requirements (CMR) reference	0039
--	------

This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

Comments on this unit standard

Please contact The Skills Organisation reviewcomments@skills.org.nz if you wish to suggest changes to the content of this unit standard.