

<b>Title</b>	<b>Use firefighting deliveries to suppress vegetation fires</b>		
<b>Level</b>	<b>3</b>	<b>Credits</b>	<b>3</b>

<b>Purpose</b>	<p>This unit standard applies to the suppression of vegetation fires using firefighting deliveries.</p> <p>People credited with this unit standard are able to:</p> <ul style="list-style-type: none"> <li>- demonstrate knowledge of the types and use of hose and waterway equipment, and procedures used to suppress vegetation fires; and</li> <li>- establish, operate, and make up deliveries in a vegetation fire setting.</li> </ul>
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<b>Classification</b>	Fire and Rescue Services > Fire and Rescue Services - Vegetation
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<b>Available grade</b>	Achieved
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## Guidance Information

- 1 Compliance with the fire and emergency agency's Health and Safety policy and procedures is mandatory.
- 2 Definitions
 

*Deliveries* refer to the use of hose and associated waterway equipment for fire suppression.

*Fire and emergency agency's requirements* refer to policies, procedures, and supporting documentation on safety and operation set down by each fire and emergency agency employer or host organisation.

*Make up* refers to the recovery of all equipment from the fire ground in preparation for transport.
- 3 Assessment against outcome 2 must take place under either real or simulated conditions.
- 4 Assessment against both outcomes must be in accordance with the fire and emergency agency's requirements.

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## Outcomes and performance criteria

### Outcome 1

Demonstrate knowledge of the types and use of hose and waterway equipment, and procedures used to suppress vegetation fires.

**Performance criteria**

1.1 Commonly used types of fire hose and waterway equipment are identified and their uses are described.

1.2 Other considerations that must be taken into account when working with fire hoses and waterway equipment are described.

Range care of equipment, safe working practices.

1.3 Procedures for the use of additives are described.

Range additives applied, personal safety requirements, preservation of the environment.

**Outcome 2**

Establish, operate, and make up deliveries in a vegetation fire setting.

**Performance criteria**

2.1 Use techniques for deploying, relocating, and making up deliveries.

Range techniques include but are not limited to – flaked, coiled, coiled on the bight, relocation of charged and uncharged hose.

2.2 Application and use of water and water additives are demonstrated.

Range jet and spray patterns, foam nozzles, monitoring and communicating effectiveness, conservation of water, preservation of the environment.

2.3 Hand signals for use with deliveries are demonstrated.

2.4 Identification and replacement of damaged hose are demonstrated.

<b>Planned review date</b>	31 December 2026
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**Status information and last date for assessment for superseded versions**

Process	Version	Date	Last Date for Assessment
Registration	1	16 March 1995	31 December 2023
Revision	2	21 May 1998	31 December 2023
Review	3	25 March 2004	31 December 2023
Review	4	20 November 2009	31 December 2023
Review	5	30 September 2021	N/A

<b>Consent and Moderation Requirements (CMR) reference</b>	0039
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This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

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### Comments on this unit standard

Please contact The Skills Organisation [reviewcomments@skills.org.nz](mailto:reviewcomments@skills.org.nz) if you wish to suggest changes to the content of this unit standard.