

Title	Operate aerial appliances in emergency situations		
Level	4	Credits	6

Purpose	<p>People credited with this unit standard are able to:</p> <ul style="list-style-type: none"> - demonstrate knowledge of aerial appliances required for emergency situations; - select site and prepare an aerial appliance for emergency situations; - position the head of an aerial appliance for emergency situations; - operate ancillary systems required for emergency situations; and - make up an aerial appliance after use and complete reports.
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Classification	Fire and Rescue Services > Fire and Rescue Services - Structural and Industrial
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Available grade	Achieved
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Prerequisites	Unit 3267, <i>Drive fire and emergency vehicles in emergency situations</i> ; or hold a New Zealand Fire Service Grade 2 Driver's certificate; or demonstrate equivalent knowledge and skills.
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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 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.
- 4 Assessment against all outcomes must be in accordance with the fire and emergency agency's requirements.

Outcomes and performance criteria

Outcome 1

Demonstrate knowledge of aerial appliances required for emergency situations.

Performance criteria

- 1.1 Technical aspects of aerial appliances are described.
- Range appliance specifications, operating limits, appliance controls, safety considerations.
- 1.2 Operating principles of aerial appliances are explained.
- Range safety considerations, communication systems.

Outcome 2

Select site and prepare an aerial appliance for emergency situations.

Performance criteria

- 2.1 Site is selected for ground stability and gradient.
- Range safe access – horizontal assistance, overhead obstacles.
- 2.2 Vehicle is stabilised using jacks.
- 2.3 Appliance is set up to provide water, rescue, and observation facilities.

Outcome 3

Position the head of an aerial appliance for emergency situations.

Performance criteria

- 3.1 Power unit is selected and engaged before operating the positioning controls.
- 3.2 Aerial device is manoeuvred for operations in accordance with the safety limits specified.
- Range manoeuvres – elevate, extend, train, retract, depress; operations may include – fire, rescue.
- 3.3 Aerial device is positioned from available operating points.
- Range may include – from the appliance, from the head of the device.
- 3.4 Hazards are identified and communicated between the operators of the aerial device.

Outcome 4

Operate ancillary systems required for emergency situations.

Range limitations – safety, loading;
operation – full range;
ancillary systems may include – water, foam, air.

Performance criteria

4.1 Ancillary systems are operated.

Outcome 5

Make up an aerial appliance after use and complete reports.

Performance criteria

5.1 The aerial appliance is housed, and power unit is disengaged.

5.2 The aerial appliance is recommissioned for immediate use.

5.3 Reporting is completed.

Planned review date	31 December 2023
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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	N/A
Review	2	27 May 1998	N/A
Review	3	25 March 2004	N/A
Review	4	20 November 2009	N/A
Revision and Rollover	5	30 September 2021	N/A

Consent and Moderation Requirements (CMR) reference	0039
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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.