

<b>Title</b>	<b>Manage air operations at vegetation fires</b>		
<b>Level</b>	<b>6</b>	<b>Credits</b>	<b>8</b>

<b>Purpose</b>	<p>This unit standard is for personnel who have responsibility for the overall management of aerial operations at vegetation fires such as an Air Division Manager.</p> <p>People credited with this unit standard are able to: plan and implement air-based vegetation fire suppression strategies; monitor fire behaviour and manage aerial operations for vegetation fire fighting operations; and liaise and report aerial operations for vegetation fire fighting operations.</p>
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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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<b>Entry information</b>	
<b>Critical health and safety prerequisites</b>	Unit 4648, <i>Demonstrate knowledge of vegetation fire behaviour</i> ; Unit 14563, <i>Supervise aerial fire suppression operations at vegetation fires</i> ; and Unit 22445, <i>Describe the roles and functions of a CIMS Incident Management Team (IMT) at an incident</i> ; or demonstrate equivalent knowledge and skills.

**Explanatory notes**

- 1 Compliance with the fire and rescue service provider’s Health and Safety policy and procedures is mandatory.
- 2 Assessment against this unit standard may take place under real or practical simulated conditions.
- 3 Definitions  
*Fire and rescue service provider’s requirements* refer to policies and procedures on safety and operation set down by each fire and rescue service employer or host organisation.  
*Incident Action Plan (IAP)* is a statement of the objectives, strategies, and critical functions to be taken at the incident.

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## Outcomes and evidence requirements

### Outcome 1

Plan and implement air-based vegetation fire suppression strategies.

#### Evidence requirements

1.1 Strategies are developed in liaison with the incident management team in accordance with the IAP.

Range airspace restrictions, aircraft capabilities, ground support for aerial operations, safety of personnel, servicing of equipment.

1.2 Aerial operational requirements are identified in accordance with the IAP.

Range aircraft, landing sites, ground support.

1.3 Communications systems are established in accordance with the IAP.

1.4 Aircrew and ground personnel are briefed in accordance with the IAP.

Range strategy, tactics, safety issues.

### Outcome 2

Monitor fire behaviour and manage aerial operations for vegetation fire fighting operations.

#### Evidence requirements

2.1 Weather conditions and fire behaviour are monitored and reported to the Operations Manager and/or the Incident Controller in accordance with the fire and rescue service provider's requirements.

2.2 Fire suppression activities are monitored in regard to the air operation requirements in accordance with the IAP.

2.3 Requests from aerial operations are coordinated and actioned in accordance with the IAP.

2.4 Crews and equipment are transferred in accordance with the IAP.

2.5 Recording of aerial management activities provides for costing action in accordance with the fire and rescue service provider's requirements.

**Outcome 3**

Liaise and report aerial operations for vegetation fire fighting operations.

**Evidence requirements**

3.1 Communications with aerial operations personnel and the incident management team are maintained in accordance with the IAP.

Range situation reports.

<b>Planned review date</b>	31 December 2014
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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 2013
Revision	2	21 May 1998	31 December 2013
Review	3	25 March 2004	31 December 2013
Revision	4	20 November 2006	31 December 2013
Review	5	17 September 2010	N/A

<b>Accreditation and Moderation Action Plan (AMAP) reference</b>	0039
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This AMAP can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

**Please note**

Providers must be granted consent to assess against standards (accredited) by NZQA, or an inter-institutional body with delegated authority for quality assurance, before they can report credits from assessment against unit standards or deliver courses of study leading to that assessment.

Industry Training Organisations must be granted consent to assess against standards by NZQA before they can register credits from assessment against unit standards.

Providers and Industry Training Organisations, which have been granted consent and which are assessing against unit standards must engage with the moderation system that applies to those standards.

Consent requirements and an outline of the moderation system that applies to this standard are outlined in the Accreditation and Moderation Action Plan (AMAP). The AMAP also includes useful information about special requirements for organisations wishing to develop education and training programmes, such as minimum qualifications for tutors and assessors, and special resource requirements.

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**Comments on this unit standard**

Please contact the Fire and Rescue Services Industry Training Organisation  
[info@frsito.org.nz](mailto:info@frsito.org.nz) if you wish to suggest changes to the content of this unit standard.