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| Title | Manage air operations at vegetation fires | | |
| Level | 6 | Credits | 8 |

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| Purpose | <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:</p> <ul style="list-style-type: none"> - plan and implement air-based vegetation fire suppression strategies; - monitor fire behaviour and manage aerial operations for vegetation firefighting operations; and - liaise and report aerial operations for vegetation firefighting operations. |
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| Classification | Fire and Rescue Services > Fire and Rescue Services - Vegetation |
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| Available grade | Achieved |
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| Prerequisites | <p>Unit 4648, <i>Demonstrate knowledge of vegetation fire behaviour</i>; Unit 14563, <i>Supervise aerial fire suppression operations at vegetation fires</i>; Unit 29553, <i>Demonstrate operational knowledge of New Zealand’s Coordinated Incident Management System functions and structure</i>; and Unit 29554, <i>Apply operational knowledge of New Zealand’s Coordinated Incident Management System</i>; or demonstrate equivalent knowledge and skills.</p> |
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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 **Definitions**
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.
Incident Action Plan (IAP) is a statement of the objectives, strategies, and critical functions to be taken at the incident.

- 4 Assessment against outcome 2 must be in accordance with the fire and emergency agency's requirements.
- 5 All outcomes must be performed in accordance with the IAP.

Outcomes and performance criteria

Outcome 1

Plan and implement air-based vegetation fire suppression strategies.

Performance criteria

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

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| Range | airspace restrictions, aircraft capabilities, ground support for aerial operations, safety of personnel, servicing of equipment. |
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- 1.2 Aerial operational requirements are identified.

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| Range | aircraft, landing sites, ground support. |
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- 1.3 Communications systems are established.
- 1.4 Aircrew and ground personnel are briefed.

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| Range | strategy, tactics, safety issues. |
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Outcome 2

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

Performance criteria

- 2.1 Weather conditions and fire behaviour are monitored and reported to the Operations Manager and/or the Incident Controller.
- 2.2 Fire suppression activities are monitored in regard to the air operation requirements.
- 2.3 Requests from aerial operations are coordinated and actioned.
- 2.4 Crews and equipment are transferred.
- 2.5 Recording of aerial management activities are provided for costing action.

Outcome 3

Liaise and report aerial operations for vegetation firefighting operations.

Performance criteria

- 3.1 Communications with aerial operations personnel and the incident management team are maintained.

Range situation reports.

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| 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 |
| Revision | 2 | 21 May 1998 | N/A |
| Review | 3 | 25 March 2004 | N/A |
| Revision | 4 | 20 November 2006 | N/A |
| Review | 5 | 17 September 2010 | N/A |
| Revision and Rollover | 6 | 30 September 2021 | N/A |

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| 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.