

Manage ground operations at vegetation fires

Level 5

Credits 8

Purpose This unit standard is for personnel managing multiple resources at vegetation fires.

People credited with this unit standard are able to: demonstrate knowledge of health and safety obligations at incidents; plan and implement ground-based fire suppression strategies and tactics at a vegetation fire; monitor progress of fire behaviour and ground-based suppression operations; and liaise and report during a vegetation fire.

Subfield Fire and Rescue Services

Domain Fire and Rescue Services - Vegetation

Status Registered

Status date 20 November 2009

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Planned review date 31 December 2014

Entry information Prerequisite: Unit 4648, *Demonstrate knowledge of vegetation fire behaviour*, or demonstrate equivalent knowledge and skills.

Replacement information This unit standard replaced unit standard 3295 and unit standard 3298.

Accreditation Evaluation of documentation and visit by NZQA and industry.

Standard setting body (SSB) Fire and Rescue Services Industry Training Organisation

Accreditation and Moderation Action Plan (AMAP) reference 0039

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

Special 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.

Elements and performance criteria

Element 1

Demonstrate knowledge of health and safety obligations at incidents.

Performance criteria

- 1.1 Health and safety requirements for personnel at vegetation fires are explained in accordance with the fire and rescue service provider's requirements.
- 1.2 Risk management factors in regard to the fire suppression strategy are described in accordance with the fire and rescue service provider's requirements.

Element 2

Plan and implement ground-based fire suppression strategies and tactics at a vegetation fire.

Performance criteria

- 2.1 Strategies and tactics are developed in liaison with the incident management team in accordance with the IAP.

Range incident objectives, Fire Authority policy, fire environment factors, available resources.
- 2.2 Identification and securing of resources are in accordance with the IAP and the fire and rescue service provider's requirements.

Range fire and rescue personnel, fire suppression resources, communications, minimal down time.
- 2.3 Briefing and supervision of personnel is in accordance with the IAP.

Range safety and welfare, allocation of tasks, communication, fire behaviour, escape routes, coordination with supporting operations.

Element 3

Monitor progress of fire behaviour and ground-based suppression operations.

Performance criteria

- 3.1 The fire behaviour is monitored and assessed in accordance with the IAP.
- 3.2 Fire suppression activities are monitored, assessed and adjusted in accordance with the IAP.
- 3.3 Resource use is reported and recorded in accordance with the IAP.
- Range personnel, machinery, appliances, consumables, water supplies.

Element 4

Liaise and report during a vegetation fire.

Performance criteria

- 4.1 Communication is maintained in accordance with the IAP.
- Range situation reports.

Please note

Providers must be 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 accredited by NZQA before they can register credits from assessment against unit standards.

Accredited providers and Industry Training Organisations assessing against unit standards must engage with the moderation system that applies to those standards.

Accreditation 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.

Comments on this unit standard

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