

Title	Carry out hand-operated ignition at prescribed vegetation burning operations		
Level	3	Credits	3

Purpose	People credited with this unit standard are able to demonstrate knowledge of: <ul style="list-style-type: none"> - vegetation burning operations; and - light up vegetative fuels at a prescribed vegetation burning operation.
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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	Unit 3285, <i>Demonstrate knowledge of working safely at vegetation fires</i> , 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 using live fire.
- 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 vegetation burning operations.

Performance criteria

- 1.1 The burn plan and command structure are described.

- 1.2 Responsibilities and tasks at the burning operation are explained.
- 1.3 Assessment of the burn area is carried out and explained.
 - Range escape routes, assembly point, hazards, danger areas, communications.
- 1.4 Various fire lighting processes are described.
 - Range ignition point spacing, ring burning, strip lighting, central ignition, burning out.
- 1.5 The operation of the lighting up equipment is explained.
 - Range may include but is not limited to – igniters, drip torches, pressurised burners, backpack flame-throwers.

Outcome 2

Light up vegetative fuels at a prescribed vegetation burning operation.

Performance criteria

- 2.1 Personal protective equipment is used.
- 2.2 Safe working practices and lighting up techniques are demonstrated.
 - Range communication, use of buddy system, burner re-fuelling precautions, awareness of escape route, monitoring fire behaviour with respect to own position, avoidance of danger areas.
- 2.3 Communication is maintained with at least one other crew member throughout the lighting operation in accordance with the burn plan.
- 2.4 Vegetation fuel is ignited in accordance with the burn plan.

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
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.