
Overview

This standard is about your ability to provide specialist expertise at wildfire incidents, including firefighting tactics, methods of control and ensuring safety at wildfire incidents.

Controlling wildfire may use unique fire suppression techniques, therefore your understanding of the wildfire environment and development of wildfire will be a key part of your ability to identify appropriate tactics. Wildfire can have a significant impact and therefore you will need to communicate effectively to keep everyone informed and safe.

This standard is recommended for those who advise on specialist techniques to control wildfire incidents.

**Performance
criteria**

- You must be able to:
- P1 gather available information for wildfire incidents in line with your organisation's procedures
 - P2 identify and maintain awareness of risk of wildfire incidents in line with risk assessment processes
 - P3 identify control measures to reduce wildfire risk in line with risk assessment processes
 - P4 assess factors affecting wildfire behaviour in line with the Wildfire Prediction System
 - P5 liaise with others to formulate safe tactical plans using available information and in line with your organisation's requirements
 - P6 identify tactics which allow effective control methods using the Wildfire Prediction System
 - P7 monitor and review the tactical plan on a continuous basis using the Wildfire Prediction System
 - P8 communicate changes to the tactical plan to others in line with your organisation's communication policies and procedures
 - P9 maintain the safety and welfare of yourself and others during wildfire incidents in line with your organisation's procedures for safe working

Knowledge and understanding

You need to know and understand:

Health and safety

- K1 the importance of maintaining the safety and welfare of yourself and others at wildfire incidents
- K2 factors affecting personnel welfare during wildfire response
- K3 safe working practices of your organisation when responding to wildfire incidents
- K4 measures for maintaining welfare at wildfire incidents including rest areas, food, water and first aid support
- K5 hazards and risks of wildfire affecting people, property and the environment
- K6 how to use risk assessment information to make decisions
- K7 how to implement decisions based on the assessment of risk
- K8 your organisation's control measures to mitigate risk

Organisational

You need to know and understand:

- K9 your own and other organisations communication and incident command systems used during wildfire incidents
- K10 legislation, policies, procedures, guidelines and protocols that apply to your role in wildfire
- K11 how to use available systems, tools, methods and templates to assist in the planning process

Personal and interpersonal

You need to know and understand:

- K12 your role and responsibilities in responding to wildfire including your geographical area of responsibility
- K13 relevant others you may work with and their role in wildfire incidents
- K14 lines and methods of communication and reporting in the workplace
- K15 how to communicate clearly and effectively with others
- K16 how to treat others with respect and consideration, taking account of and accepting diversity
- K17 the importance of effective communications with others during wildfire incidents

Technical

You need to know
and understand:

- K18 the LACES (Lookouts, Awareness, Communications, Escape Routes, Safety Zones) safety protocol and how to implement it effectively
- K19 how to access and use different sources of information relevant to wildfire
- K20 the Wildfire Prediction System and how to apply it
- K21 resources available to respond to wildfire and how they can be used to control wildfire incidents
- K22 the importance of allocating personnel to tasks according to their level of experience, abilities and knowledge
- K23 suppression tactics and methods, their safe use and their impact on controlling wildfire

Additional information**Scope/range****1. Gather information**

- 1.1 Incident information
- 1.2 Resources on scene
- 1.3 Resources available
- 1.4 External agencies and their available resources

2 Sources and types of information

- 2.1 maps
- 2.2 Meteorological forecasts and historical data
- 2.3 Historical incident information
- 2.4 Local and national capability registers
- 2.5 Local, strategic and major incident fire plans and strategies
- 2.6 National, regional and local fire strategies
- 2.7 Policies, guidance, standard operating procedures and risk assessments relevant to wildfire
- 2.8 Relevant software and tools
- 2.9 Fire danger rating and information systems
- 2.10 Human intelligence

3 Wildfire environment

- 3.1 Topography
- 3.2 Fuel
- 3.3 Weather
- 3.4 Fire behaviour

4 Risks

- 4.1 Health and safety risks to people
- 4.2 Property, economic and commercial risk

4.3 Environmental

5 Others

- 5.1 Colleagues
- 5.2 Land managers
- 5.3 National Park Authorities
- 5.4 Ministry of Defence
- 5.5 emergency services
- 5.6 utility companies
- 5.7 Media
- 5.8 Members of the public
- 5.9 Transport services
- 5.10 Search and rescue Teams
- 5.11 Voluntary agencies
- 5.12 Local and National Authorities
- 5.13 Other agencies

6 Resources

- 6.1 Internal resources
- 6.2 External resources
- 6.3 Personnel and their capabilities
- 6.4 Military support
- 6.5 Equipment
- 6.6 Water provision
- 6.7 Local wildfire groups

Links to other NOS

It is expected that this NOS will be used and applied in conjunction with other NOS which are applicable to your role in fire and rescue.

External Links

‘Operational Guidance - Wildfire Incidents’ is available, and has been developed to provide UK Fire and Rescue Service (FRS) personnel with additional understanding and awareness of wildfire.

‘Operational Guidance - Wildfire Incidents’ is published by the Scottish Government:

<http://www.scotland.gov.uk/Topics/Justice/public-safety/fire-and-rescue-services/fire-rescue-advisory-unit/publications/wildfireopsguidancedraft>

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