

SFJFRSFF8 SQA Unit Code (H9FG 04)

Contribute to fire safety solutions to minimise risks



Overview

This standard is recommended for firefighters.

This standard is about undertaking inspections of premises using set criteria in order to minimise risks from fire to people, including firefighters, property and the environment. You will be expected to work individually and as part of a team to identify and report issues and outcomes from inspections.

Issues from premises inspections that you report will be varied, including problems such as failure to comply with regulatory requirements, changes in use or ownership, and where there are situations that are the responsibility of another authority.

As part of this standard you will be expected to identify facilities and risks in built environments which help to make firefighters more effective and keep them safe while responding to incidents. The built environment is described as 'all man-made structures and the spaces in between them, including parks and streets where people reside or undertake other activities'.

Performance criteria

Inspect premises to minimise risks to people, including firefighters, property and the environment

- You must be able to:
- P1 confirm with relevant others your tasks and duties in relation to inspection of premises in line with your role and responsibilities
 - P2 follow inspection plans based on existing information in line with your organisation's inspection procedures
 - P3 work with others to check inspection requirements in line with your organisation's procedures
 - P4 work with others in line with your organisation's guidance in ways that;
 - P4.1 encourage cooperation
 - P4.2 support common understanding
 - P4.3 promote a positive image of your organisation
 - P4.4 are in line with your authority and responsibilities
 - P5 assess risks arising from inspection of premises using your organisation's risk assessment procedures
 - P6 mitigate risks arising from inspection of premises in line with your organisation's control measures
 - P7 identify and report on features and facilities in built environments which inform fire and rescue operational intelligence in line with your organisation's procedures, including;
 - P7.1 fire protection systems
 - P7.2 facilities for firefighters
 - P7.3 access and egress routes
 - P8 maintain confidentiality of information in line with your organisation's data sharing and confidentiality policies

Report on issues arising at inspection

- You must be able to:
- P9 work with others to agree your inspection findings in line with your organisation's inspection procedures
 - P10 refer matters beyond your level of authority and ability to others in line with your organisations' procedures
 - P11 keep accurate records about inspections in line with your organisation's

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procedures

- P12 provide records about inspections to relevant others in line with your organisation's procedures

Knowledge and understanding

Health and safety

You need to know and understand:

- K1 safe working practices of your organisation in relation to inspection of premises
- K2 hazards and risks affecting people and the environment when inspecting premises
- K3 how to use risk assessment information to make decisions
- K4 how to apply decisions based on the assessment of risk
- K5 your organisation's control measures to mitigate risk

Organisational

You need to know and understand:

- K6 how to plan and prioritise work, including time management
- K7 your organisations' guidelines, policies and standard operating procedures relating to inspections and determining solutions
- K8 legislation, regulations and requirements relevant to inspection of premises
- K9 your organisation's systems, tools and procedures for recording information about inspections and how to use them
- K10 different types and sources of information for inspections and how to access these
- K11 methods, principles and available templates for writing inspection reports

Personal and Interpersonal

You need to know and understand:

- K12 methods and techniques for communicating with others
- K13 the importance of treating others with respect and consideration, taking account of, and accepting, diversity
- K14 lines and methods of communication and reporting in the workplace
- K15 roles, responsibilities and limits of authority of self, others and other agencies in relation to fire and rescue operational incidents

Technical

You need to know

- K16 types and sources of information regarding inspections

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and understand:

- K17 how to interpret information regarding inspections
- K18 common building construction and design principles
- K19 the causes, effects and behaviour of fire
- K20 the importance and role of active and passive fire protection systems
- K21 building fire protection systems, features and facilities that contribute to fire fighter safety while responding to incidents
- K22 building features and facilities that can cause risk to firefighters when responding to incidents
- K23 how different building construction and design can affect fire development
- K24 how to identify safe means of egress in built environments
- K25 the importance of maintaining means of escape
- K26 principles of safe storage of resources and hazardous materials in premises
- K27 how to identify and provide appropriate safety advice to others

Additional information

Scope/range

1 Incidents

- 1.1 emergency responses
- 1.2 non emergency responses
- 1.3 any requiring the relocation of resources

2 Fire protection systems

- 2.1 wet and dry risers
- 2.2 fire fighting shafts
- 2.3 sprinkler systems
- 2.4 smoke control systems
- 2.5 fire resistance and fire doors
- 2.6 automatic suppression systems
- 2.7 water supplies

3 Principles of fire protection

- 3.1 MOCTET principles (Management, Occupants, Construction, Travel distance, Exits, Time to evacuate)
- 3.2 signs of collapse
- 3.3 building regulations linked to access
- 3.4 vehicle access
- 3.5 access by people

4 Resources

- 4.1 internal resources

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4.2 external resources

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Developed by	Skills for Justice
Version number	3
Date approved	December 2013
Indicative review date	December 2018
Validity	Current
Status	Original
Originating organisation	Skills for Justice
Original URN	SFJ FRS FF8
Relevant occupations	Firefighters
Suite	Fire and Rescue Operations in the Community
Key words	prevention; protection; inspection; advise; advice; recommendation; rescue
