



National
Operational
Guidance

Training specification

Fires in buildings



NFCC
Fire Central
Programme Office

Developed and maintained by the NFCC



Contents

Hazard - Inaccurate situational awareness – Fires in buildings	5
<i>Control measure - Situational awareness – Fires in buildings</i>	5
<i>Control measure - Scene survey: Fires in buildings</i>	7
Hazard - Restricted access and egress – Fires in buildings	8
<i>Control measure - Gain access/entry</i>	8
<i>Control measure - Gain and maintain access and egress for sites with security features</i>	9
<i>Control measure - Evacuation and shelter</i>	10
<i>Control measure - Safe access and egress: Fires in buildings</i>	11
<i>Control measure - Bridgehead</i>	13
Hazard - Undetected firespread	14
<i>Control measure - Identify and investigate fire in concealed areas</i>	14
<i>Control measure - Access concealed spaces</i>	15
Hazard - Firespread breaching a compartment	16
<i>Control measure - Maintain fire compartmentation</i>	17
<i>Control measure - Monitor effectiveness of compartmentation</i>	18
Hazard - External firespread	19
<i>Control measure - External fire protection</i>	20
<i>Control measure - Monitor for external firespread</i>	21
<i>Control measure - Co-ordinate internal and external activity</i>	22
<i>Control measure - Provide external protection</i>	23
Hazard - Failure or inappropriate operation of fixed installations	24
<i>Control measure - Site-Specific Risk Information (SSRI)</i>	24
<i>Control measure - Operate or alter fixed installations</i>	25
<i>Control measure - Implement firefighting contingency arrangements</i>	26
<i>Control measure - Tactical planning – Damage control</i>	27
<i>Control measure - Respiratory protective equipment (RPE)</i>	28
Hazard - Partial or structural collapse: Fires in buildings	29
<i>Control measure - Identify the presence of lightweight or fragile building features</i>	29
<i>Control measure - Assess the building for signs of collapse</i>	30
<i>Control measure - Cordon control: Unstable structures</i>	31
<i>Control measure - Identify appropriate access and egress points</i>	32
<i>Control measure - Take preventative action</i>	33
Hazard - Impact of fire or firefighting on structural elements or structural frames	34
<i>Control measure - Identify and consider the impact of fire or firefighting on structural</i>	



<i>elements or structural frames</i>	34
Hazard - Impact of fire or firefighting on structural materials	35
<i>Control measure - Assess the impact of fire or firefighting on structural materials</i>	36
Hazard - Fires in roofs	37
<i>Control measure - Appropriate speed and weight of intervention</i>	37
<i>Control measure - Firebreaks and fuel breaks</i>	38
<i>Control measure - Cutting away</i>	39
<i>Control measure - Appropriate intervention: Fires in roofs</i>	39
Hazard - Fires in thatched roofs	40
<i>Control measure - Appropriate intervention: Thatched roof fires</i>	41
<i>Control measure - Firebreaks and fuel breaks</i>	42
<i>Control measure - Damage control – Thatch fires</i>	42
<i>Control measure - Tactical planning – Damage control</i>	43
Hazard - Fires in chimneys	44
<i>Control measure - Appropriate intervention: Fires in chimneys</i>	44
<i>Control measure - Cutting away</i>	45
<i>Control measure - Controlled burning</i>	46
Hazard - Cables	47
<i>Control measure - Locate and avoid cables</i>	47
<i>Control measure - Extrication of personnel from cable entanglement</i>	48
Hazard - Hoarding	49
<i>Control measure - Identify hoarding properties</i>	49
<i>Control measure - Remove materials</i>	50
Hazard - Fires in tall buildings	51
<i>Control measure - Appropriate intervention: Fires in tall buildings</i>	51
<i>Control measure - Situational awareness: Fires in tall buildings</i>	53
Hazard - Fires in basements	54
<i>Control measure - Safe access and egress: Fires in buildings</i>	54
<i>Control measure - Appropriate intervention: Fires in basements</i>	55
Hazard - Fires in tunnels	56
<i>Control measure - Appropriate intervention: Fire in tunnel</i>	57
Hazard - Fires in buildings with a mezzanine, gallery or raised storage areas	58
<i>Control measure - Appropriate intervention: Mezzanine, gallery or raised storage area</i>	58
Hazard - Fires in buildings with a cellular layout	59
<i>Control measure - Safe access and egress: Fires in buildings</i>	59
<i>Control measure - Access concealed spaces</i>	61



Hazard - Fires in buildings with an open-plan layout 62
Control measure - Appropriate intervention: Fires in building with an open plan layout
..... 62

Hazard - Fires in atriums 63
Control measure - Appropriate intervention: Fires in atriums 64

Hazard - Fires in auditoriums and stadiums 64
Control measure - Appropriate intervention: Fires in auditoriums and stadiums 65

Hazard - Fires in buildings with complex fire engineering 66
Control measure - Site-Specific Risk Information (SSRI) 66
Control measure - Emergency response plans 67
Control measure - Responsible person: Fires in buildings 68
Control measure - Apply situational awareness: Fires in buildings 69
Control measure - Implement firefighting contingency arrangements 70
Control measure - Use integral communications 70



Hazard - Inaccurate situational awareness – Fires in buildings

Knowledge and understanding

Hazard	Learning outcome
Inaccurate situational awareness – Fires in buildings	Understand all associate hazard knowledge



Control measure - Situational awareness – Fires in buildings

TRAINING SPECIFICATION

Knowledge and understanding



Control measure element

Learning outcome

Situational awareness – Fires in buildings

Understand:

- How fires in buildings are affected by:
 - Their design
 - The construction materials used
 - Their use
 - Occupancy types
 - Building systems
 - Engineered solutions
- The effects of fire and firefighting on a building
- Potential sources of information for fires in buildings including:
 - SSRI
 - Emergency response plans
 - Building plans
 - Premises information boxes and plates
 - Building systems
 - Signage
 - External surveys
 - Observations from thermal imaging
 - Fire control rooms
 - Responsible person
 - Occupants
 - External safety officers
 - Personnel operating inside the building
 - Other agencies

Practical application



Control measure element

Learning outcome

Situational awareness – Fires in buildings

- Demonstrate the ability to:
- Access information to inform situational awareness, including
 - Evacuation strategy
 - Fire safety plan
 - Document information received appropriately
 - Use sources of information, such as building plans, to support decision making
 - Consider the design, construction and occupancy type when developing a tactical plan
 - Check accuracy of information with responsible person
 - Access building systems such as:
 - Fire alarms
 - Security systems
 - Closed circuit television



Control measure - Scene survey: Fires in buildings

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element

Learning outcome

Scene survey: Fires in buildings

- Understand:
- How to perform a comprehensive scene survey
 - The information that should be gathered at a fire in a building
 - Signs of occupancy



Practical application

Control measure element

Learning outcome

Scene survey: Fires in buildings

- Demonstrate the ability to:
- Carry out a comprehensive scene survey at the earliest opportunity and regularly based on a risk assessment of the incident
 - Identify appropriate information during a scene survey including:
 - Occupancy,
 - Use and contents of the building
 - Construction type
 - Size, age and condition of the building
 - Adjacent buildings that may be affected
 - Signs of unauthorised habitation
 - The presence of fixed installations
 - Any fire engineered solutions and their current effectiveness
 - Identify and communicate changes in the building fire environment, which may affect tactical decisions



Hazard - Restricted access and egress – Fires in buildings

Knowledge and understanding

Hazard

Learning outcome

Restricted access and egress – Fires in buildings

Understand all associated hazard knowledge



Control measure - Gain access/entry



TRAINING SPECIFICATION

Knowledge and understanding

Control measure element

Learning outcome

Gain access/entry

Understand:

- The legislative powers for gaining access
- The various methods used to gain access
- The hazards associated with accessing buildings involved in fire
- Precautionary measures prior to making access/entry
- Building security arrangements to be implemented following fires in buildings

Refer to [Fires and firefighting training specification – Consider making a forcible entry](#)

Practical application

Control measure element

Learning outcome

Gain access/entry

Demonstrate the ability to:

- Use appropriate rationale for gaining/forcing access/entry
- Assess all possible means of gaining access/entry
- Gain access/entry to buildings using the appropriate methods
- Gain access/entry to vehicles using the appropriate methods

Refer to [Fires and firefighting training specification – Consider making a forcible entry](#)



Control measure - Gain and maintain access and egress for sites with security features

TRAINING SPECIFICATION



Knowledge and understanding

Control measure element

Gain and maintain access and egress for sites with security features

Learning outcome

Understand:

- The various types of security features which may be encountered, when attending fires in buildings
- The considerations regarding security features, when attending fires in buildings
- The methods and techniques used to render security features safe, when attending fires in buildings

Practical application

Control measure element

Gain and maintain access and egress for sites with security features

Learning outcome

Demonstrate the ability to:

- Consider and apply all available options to safely deal with security features to gain and maintain access and egress



Control measure - Evacuation and shelter

TRAINING SPECIFICATION

Knowledge and understanding



Control measure element

Learning outcome

Evacuation of people

Understand:

- The hazards and risks associated with emergency evacuation
- The potential behaviour of people in emergency situations
- The emergency evacuation procedures for differing situations
- The considerations for incorporating evacuation procedures into incident plans
- The impact of disruption to transport networks whilst dealing with large numbers of people at transport related incidents
- The wider impact of dealing with significant numbers of evacuated people

Practical application

Control measure element

Learning outcome

Use appropriate systems to maintain the safety of people

Demonstrate the ability to:

- Liaise with the responsible person to obtain advice relating to evacuation arrangements
- Identify where 'evacuation' or 'stay put' is appropriate and record rationale for decision
- Perform an evacuation according to agreed service protocols
- Recognise where the involvement of other agencies is required to assist evacuation
- Identify the availability of emergency plans that support an evacuation
- Develop an evacuation strategy using available information
- Identify safe egress routes and refuge points
- Identify where the behaviour of people may affect an evacuation
- Put in place control measures to limit hazards to public and staff during evacuation
- Establish welfare arrangements for people evacuated from transport incidents



Control measure - Safe access and egress: Fires in buildings

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element

Learning outcome

Safe access and egress: Fires in buildings

Understand:

- The methods of protecting access and egress routes for buildings involved in fire
- The purpose of a building fire strategy
- The purpose of emergency lighting within buildings and its limitations
- The types of lifts used in buildings and their associated standards
- The use of ladders, aerial appliances and firefighting lifts for access and egress in buildings

Practical application



Control measure element

Learning outcome

Safe access and egress: Fires in buildings

- Demonstrate the ability to:
- Protect access and egress routes in buildings using appropriate methods
 - Identify and operate from firefighting shafts as a primary means of access for firefighting and staging internal operations in buildings
 - Control firefighting lifts during incidents considering impact on evacuation
 - Use and operate separate routes for access and egress of firefighting personnel and emergency evacuation of residents and members of public for fires in buildings
 - Identify and communicate potential security systems and devices which could isolate personnel in risk areas within buildings



Control measure - Bridgehead

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element

Learning outcome

Bridgehead

- Understand:
- The considerations when deciding the appropriate location for a bridgehead within a building

Practical application



Control measure element

Learning outcome

Bridgehead

Demonstrate the ability to:

- Set up an appropriate bridgehead within a building
- Set up an appropriate staging area within a building



Hazard - Undetected firespread

Knowledge and understanding

Hazard

Learning outcome

Undetected firespread

Understand all associated hazard knowledge



Control measure - Identify and investigate fire in concealed areas

TRAINING SPECIFICATION

Knowledge and understanding



Control measure element

Learning outcome

Identify and investigate fire in concealed areas

- Understand:
- Information that can be used to identify concealed spaces from:
 - SSRI
 - Building plans
 - Owner, occupant or responsible person
 - The need to investigate concealed spaces to reduce the risk of firespread
 - How to use thermal imaging cameras to determine the location and spread of fire
 - How signs of smoke or heat damage may indicate concealed firespread

Practical application

Control measure element

Learning outcome

Identify and investigate concealed spaces

- Demonstrate the ability to:
- Gather information about the location of concealed spaces and how to access them
 - Identify concealed spaces by considering:
 - How the building was constructed
 - The materials used in construction
 - Any modifications
 - Use fire detection and alarm systems to identify concealed firespread
 - Recognise the symptoms of firespread in concealed spaces
 - Identify:
 - Firespread in concealed spaces
 - Fire protected areas and their integrity
 - Effectively use thermal imaging cameras to identify fire in concealed spaces





Control measure - Access concealed spaces

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Access concealed spaces	Understand: <ul style="list-style-type: none"> • Why it may be necessary to access concealed spaces • The most appropriate methods and access points for concealed spaces • How accessing concealed spaces may affect: <ul style="list-style-type: none"> - Ventilation - Structural integrity - Utility supplies

Practical application

Control measure element	Learning outcome
Access concealed spaces	Demonstrate the ability to: <ul style="list-style-type: none"> • Isolate utility supplies before accessing concealed spaces • Identify the impacts on structural stability before accessing concealed spaces • Consider the impact of ventilation when accessing concealed spaces • Implement the appropriate methods of accessing concealed spaces • Put in place appropriate and sufficient firefighting media when accessing concealed spaces



Hazard - Firespread breaching a compartment



Knowledge and understanding

Hazard

Firespread breaching a compartment

Learning outcome

Understand all associated hazard knowledge



Control measure - Maintain fire compartmentation

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element

Maintain fire compartmentation

Learning outcome

Understand:

- Fire compartmentation and how:
 - It may be provided
 - It may be breached
- How maintaining compartmentation may limit the spread of fire and smoke
- How to maintain fire compartmentation

Practical application



Control measure element	Learning outcome
Maintain fire compartmentation	<p>Demonstrate the ability to:</p> <ul style="list-style-type: none">• Gather information about fire compartmentation in a building from:<ul style="list-style-type: none">- SSRI- Building plans- Responsible person- Specialist advisers• Assess compartmentation considering:<ul style="list-style-type: none">- Changes in layout or use of the building- Building features- Chimneys- Fire stopping materials- General (non-fire) doors• Investigate failures in fire compartmentation• Maintain the integrity of compartmentation and fire doors when carrying out firefighting operations• Appropriately use fire doors as part of a tactical plan• Use boundary cooling to protect fire compartmentation



Control measure - Monitor effectiveness of compartmentation

TRAINING SPECIFICATION

Knowledge and understanding



Control measure element

Learning outcome

Monitor effectiveness of compartmentation

- Demonstrate the ability to:
- Monitor the effectiveness of fire compartmentation
 - Check all compartment boundaries for potential firespread
 - Identify the signs and symptoms of fire breaching compartmentation
 - Assess how a breach in fire compartmentation may cause fire spread or development
 - Use thermal imaging to detect firespread breaching compartmentation
 - Access specialist advice about the structural integrity of a building

Practical application

Control measure element

Learning outcome

Monitor effectiveness of compartmentation

- Demonstrate the ability to:
- Monitor the effectiveness of fire compartmentation
 - Check all compartment boundaries for potential firespread
 - Identify the signs and symptoms of fire breaching compartmentation
 - Assess how a breach in fire compartmentation may cause fire spread or development
 - Use thermal imaging to detect firespread breaching compartmentation
 - Access specialist advice about the structural integrity of a building



Hazard - External firespread



Knowledge and understanding

Hazard

External firespread

Learning outcome

Understand all associated hazard knowledge



Control measure - External fire protection

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element

External fire protection

Learning outcome

Understand:

- How to evaluate the likelihood and impact of external firespread, considering:

- Building design
- Construction materials
- Status of the fire
- Breaches in compartmentation, such as open windows or external wall panels

- How external firespread may impact on:

- Occupants of the building
- Access, egress and evacuation routes
- Cordon distances
- Other parts of the building
- Surrounding areas and adjacent buildings

- How the presence of external cladding and sources of renewable energy may affect firefighting operations and external firespread

Practical application



Control measure element

Learning outcome

External fire protection

Demonstrate the ability to:

- Identify potential external fire spread in buildings
- Use appropriate firefighting tactics and equipment to minimise external fire spread in buildings
- Identify and use a buildings external fixed firefighting installations
- Use effective communications as an internal and external firefighting crew
- Consider the potential effects of wind on fire development in buildings



Control measure - Monitor for external firespread

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element

Learning outcome

Monitor for external firespread

Understand:

- The methods for providing external protection for firefighting means in buildings
- The need for communication between internal and external firefighting crews whilst dealing with fires in buildings

Practical application



Control measure element

Learning outcome

Monitor for external firespread

Demonstrate the ability to:

- Establish appropriate cordons considering external firespread, planing glass or panels and falling objects
- Monitor external firespread using:
 - Thermal imaging cameras
 - Internal and external resources
 - Carrying out regular external surveys
- Investigate the building for external firespread, considering hidden or undetected firespread



Control measure - Co-ordinate internal and external activity

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element

Learning outcome

Co-ordinate internal and external activity

Understand:

- How external activity can impact upon internal conditions
- Necessity of effective communication between internal and external personnel

Practical application



Control measure element

Learning outcome

Co-ordinate internal and external activity

Demonstrate the ability to:

- Co-ordinate internal and external firefighting activities
- Establish effective communication to co-ordinate internal and external activity



Control measure - Provide external protection

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element

Learning outcome

Provide external protection

Understand:

- When external protection is necessary
- How to provide effective external fire protection
- When firebreaks may need to be created

Practical application



Control measure element

Learning outcome

Provide external protection	<p>Demonstrate the ability to:</p> <ul style="list-style-type: none"> • Provide effective external fire protection, considering internal activity and the compatibility of firefighting media • Position external protection effectively • Use fire breaks effectively • Remove external fire loading • Appropriately use: <ul style="list-style-type: none"> - Aerial appliances - Firefighting monitors - Wall drencher systems - Firefighting media - Firefighting techniques
-----------------------------	---



Hazard - Failure or inappropriate operation of fixed installations

Knowledge and understanding

Hazard

Learning outcome

Failure or inappropriate operation of fixed installations

Understand all associated hazard knowledge



Control measure - Site-Specific Risk Information (SSRI)

TRAINING SPECIFICATION

Knowledge and understanding



Control measure element

Learning outcome

Site-Specific Risk Information (SSRI)

Understand:

- The arrangements for obtaining SSRI
- The information contained within SSRI
- The process for sharing updated information regarding SSRI

Practical application

Control measure element

Learning outcome

Access and use Site Specific Risk Information to inform operational practice

Demonstrate the ability to:

- Access SSRI
- Use SSRI information to identify hazards
- Produce accurate SSRI
- Use service policy to process and amend inaccurate SSRI
- Identify sites that require completion of SSRI
- Perform familiarisation visits involving SSRI
- Perform exercises using SSRI
- Use salvage plans
- Use disaster plans
- Use SSRI to resolve operational incidents
- Identify inaccurate information following an inspection, visit or incident and update SSRI appropriately



Control measure - Operate or alter fixed installations

TRAINING SPECIFICATION



Knowledge and understanding

Control measure element

Learning outcome

Operate or alter fixed installations

Understand:

- The various fixed installations used to minimise the effect of fire in buildings
- The steps to be taken prior to operating or altering fixed installations for buildings involved in fire

Practical application

Control measure element

Learning outcome

Operate or alter fixed installations

Demonstrate the ability to:

- Take appropriate steps prior to operating or altering fixed installations for buildings involved in fire
- Operate and alter fixed installations for buildings involved in fire as part of a co-ordinated tactical plan



Control measure - Implement firefighting contingency arrangements

TRAINING SPECIFICATION

Knowledge and understanding



Control measure element

Learning outcome

Implement firefighting contingency arrangements

Understand:

- The rationale for the development of contingency arrangements when a buildings fixed installations are in use
- The considerations when developing contingency arrangements when a buildings fixed installations are in use

Practical application

Control measure element

Learning outcome

Implement firefighting contingency arrangements

Demonstrate the ability to:

- Identify, implement and use appropriate contingency arrangements when a building's fixed installations are in use



Control measure - Tactical planning – Damage control

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element

Learning outcome

Tactical planning – Damage control

Understand:

- The damage control function within the incident command system
- The three phases of operation for damage control
- The measures for effective damage control activities



Practical application

Control measure element

Learning outcome

Tactical planning – Damage control

Demonstrate the ability to:

- Use a damage control plan as part of a co-ordinated team
- Operate salvage operations as part of a co-ordinated team



Control measure - Respiratory protective equipment (RPE)

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element

Learning outcome

Respiratory protective equipment (RPE)

Understand:

- The relevant legislation on RPE
- The use and limitations of all role related respiratory protective equipment
- PPE and RPE compatibility
- The good practice of face fit testing
- The two main types of RPE
- RPE provision and causes of unsafe use

Refer to control measure – [Personal protective equipment \(PPE\)](#)

For further training specifications regarding self-contained breathing apparatus see – [Breathing apparatus training specification](#)

Practical application



Control measure element

Learning outcome

Respiratory protective
equipment (RPE)

Demonstrate the ability to:

- Wear and use the appropriate level of RPE identified by service risk assessments
- Wear and use the appropriate level off RPE, throughout an incident, as identified by service risk assessment
- Adopt breathing apparatus (BA) command and control procedures appropriate to the incident

Refer to control measure – [Personal protective equipment \(PPE\)](#)

For further training specifications regarding self-contained breathing apparatus see – [Breathing apparatus training specification](#)



Hazard - Partial or structural collapse: Fires in buildings

Knowledge and understanding

Hazard

Learning outcome

Partial or structural collapse: Fires in buildings

Understand all associated hazard knowledge



Control measure - Identify the presence of lightweight or fragile building features

TRAINING SPECIFICATION

Knowledge and understanding



Control measure element

Learning outcome

Identify the presence of lightweight or fragile building features

Understand:

- The lightweight or fragile features used in buildings
- How to identify lightweight or fragile building features
- The safe working procedures associated with false chimneys
- The safe working procedures associated with glazed structures

Practical application

Control measure element

Learning outcome

Identify the presence of lightweight or fragile building features

Demonstrate the ability to:

- Identify false chimneys
- Identify structural and non-structural glazing
- Use appropriate safe working procedures when lightweight or fragile building features are present



Control measure - Assess the building for signs of collapse

TRAINING SPECIFICATION

Knowledge and understanding



Control measure element

Learning outcome

Assess the building for signs of collapse

- Understand:□
- Building materials and design to an appropriate level
 - How fire service operations may affect the structural integrity of a building□
 - Factors that may affect the structural integrity of a building□
 - Potential signs of collapse□of buildings
 - The preventative actions that can be used to can minimise the potential impact of a fire on the inherent structural stability of a building.
 - The specialist advisers who may assist with assessing the integrity of a building

Practical application

Control measure element

Learning outcome

Assess the building for signs of collapse

- Demonstrate the ability to:□
- Use various methods to assess and monitor the integrity of a building
 - Identify areas for cutting to inspect the integrity of structural elements
 - Assess the effects of the duration and intensity of fire on structural elements and materials
 - Assess the effects of firefighting activity on structural elements and materials
 - Gather information and intelligence about previous fire related incidents in the building
 - Request appropriate specialist advice to assist in the assessment and monitoring of signs of collapse



Control measure - Cordon control: Unstable structures

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Cordon control: Unstable structures	<p>Understand:□</p> <ul style="list-style-type: none"> • The importance of establishing cordons in the early stages of an incident when a structure may be unstable□ • The factors that will influence cordon distance for structures with potential for partial or structural collapse • How to identify portal or rigid frame construction • The hazards associated with portal or rigid frame construction • The additional considerations when establishing safe cordons for unstable structures • Who can provide specialist advice and assistance regarding cordons at incidents involving unstable structures

Practical application

Control measure element	Learning outcome
Cordon control: Unstable structures	<p>Demonstrate the ability to:□</p> <ul style="list-style-type: none"> • Gather relevant information to enable the evaluation and monitoring of the potential footprint of collapse and debris • Identify the appropriate cordon distance for buildings with potential for partial or structural collapse • Establish cordons safely, considering potential collapse of structures or equipment□ • Seek and act upon specialist advice regarding cordons for unstable structure <p>Refer to Establish appropriate cordon controls – Incident command training specification</p>



Control measure - Identify appropriate access



and egress points

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Identify appropriate access and egress points	Understand: • The factors to be taken into account when establishing appropriate access and egress to buildings that may partially or structurally collapse • How protected zones may be used to maintain access and egress

Practical application

Control measure element	Learning outcome
Identify appropriate access and egress points	Demonstrate the ability to: • Identify and communicate appropriate access and egress routes when it has been identified that a partial or structural collapse of a building may occur • Identify and communicate protected zones within a building • Identify and communicate access and egress routes considering safety and travel distances • Identify and communicate routes for tactical withdrawal or evacuation



Control measure - Take preventative action



TRAINING SPECIFICATION

Knowledge and understanding

Control measure element

Learning outcome

Take preventative action

Understand:

- The considerations prior to early intervention and how this may prevent the collapse of a building, or protect areas required for access and egress
 - Who can provide specialist advice and assistance regarding preventative action at incidents involving unstable structures
- Refer to [Subsurface, height, structures and confined spaces training specification](#)

Practical application

Control measure element

Learning outcome

Take preventative action

Demonstrate the ability to:

- Assess structural stability prior to taking preventative action to mitigate the risk of partial or structural collapse of the building
- Take appropriate preventative action to reduce the risk of partial or structural collapse of the building



Hazard - Impact of fire or firefighting on structural elements or structural frames

Knowledge and understanding

Hazard

Learning outcome

Impact of fire or firefighting on structural elements or structural frames

Understand all associated hazard knowledge



Control measure - Identify and consider the impact of fire or firefighting on structural elements or structural frames

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element

Identify and consider the impact of fire or firefighting on structural elements or structural frames

Learning outcome

Understand:

- How fires and firefighting affect different types of structural elements and frames

Practical application

Control measure element

Identify and consider the impact of fire or firefighting on structural elements or structural frames

Learning outcome

Demonstrate the ability to:

- Gather and communicate relevant information regarding structural elements and structural frames
- Assess and communicate the impact of fire and firefighting on structural elements and frames
- Access and act upon appropriate specialist advice to assess the impact of fire and firefighting on structural elements and frames
- Apply the appropriate actions and techniques for fires involving different types of structural elements and frames



Hazard - Impact of fire or firefighting on



structural materials

Knowledge and understanding

Hazard

Impact of fire or firefighting on structural materials

Learning outcome

Understand all associated hazard knowledge



Control measure - Assess the impact of fire or firefighting on structural materials

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element

Assess the impact of fire or firefighting on structural materials

Learning outcome

Understand:

- The types of structural materials used in construction
- The potential impact of fire and firefighting activities on structural materials
- The considerations and optional tactics for dealing with fire involving the various structural materials

Practical application



Control measure element

Learning outcome

Assess the impact of fire or firefighting on structural materials

Demonstrate the ability to:

- Identify structural materials used in buildings
- Identify when specialist advice regarding fire affecting structural materials is required and request their attendance
- The purpose of protected zones within a building



Hazard - Fires in roofs

Knowledge and understanding

Hazard

Learning outcome

Fires in roofs

Understand all associated hazard knowledge



Control measure - Appropriate speed and weight of intervention

TRAINING SPECIFICATION

Knowledge and understanding



Control measure element

Learning outcome

Appropriate speed of intervention for incidents involving fire

Understand the following:

- Considerations for determining the speed of intervention
- Circumstances dictating defensive firefighting tactics
- Circumstances dictating offensive firefighting tactics
- Procedures, equipment and facilities used to ensure safe systems of work are adopted for rapid intervention

Practical application

Control measure element

Learning outcome

Appropriate speed of intervention

Demonstrate the ability to:

- Carry out a personal assessment of risk to justify offensive or defensive tactics



Control measure - Firebreaks and fuel breaks

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element

Learning outcome

Firebreaks and fuel breaks

Understand:

- The purpose of a firebreak in a building and how to effectively create it
- The purpose of a fuel break in a building and how to effectively create it



Practical application

Control measure element

Learning outcome

Firebreaks and fuel breaks

Demonstrate the ability to:

- Use appropriate techniques and equipment to create an effective firebreak in a building
- Use appropriate techniques and equipment to create an effective fuel break in a building



Control measure - Cutting away

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element

Learning outcome

Expose fire by cutting away

Understand the following:

- Circumstances when cutting away is/is not appropriate
- Appropriate methods for cutting away
- Appropriate equipment for cutting away

Practical application

Control measure element

Learning outcome

Cutting away

Demonstrate the ability to:

- Assess adjoining compartments prior to cutting away
- Select and use appropriate tools for cutting away
- Identify structural members which may be affected by cutting away activities
- Identify and isolate power supplies where necessary prior to cutting away



Control measure - Appropriate intervention: Fires in roofs

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Appropriate intervention: Fires in roofs	Understand: <ul style="list-style-type: none">• The hazards associated with fires and firefighting in roofs• How to assess roofs for potential collapse in fire• The considerations prior to offensive firefighting operations for fires in roofs• How to access roofs for firefighting activities

Practical application

Control measure element	Learning outcome
Appropriate intervention: Fires in roofs	Demonstrate the ability to: <ul style="list-style-type: none">• Identify the hazards associated with roof fires• Identify the potential for collapse of roofs involved in fire• Carry out appropriate actions when dealing with roof fires• Access roof/adjoining roof spaces for firefighting and inspection activities



Hazard - Fires in thatched roofs



Knowledge and understanding

Hazard

Learning outcome

Fires in thatched roofs

Understand all associated hazard knowledge



**Control measure - Appropriate intervention:
Thatched roof fires**

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element

Learning outcome

Appropriate intervention: Thatched roof fires

Understand:

- The hazards associated with thatched roofs
- The features of thatched roofs making it difficult to extinguish fire
- The different methods of thatched roof construction
- The techniques and equipment used to extinguish fires in thatched roofs
- The fixed installations which may be used to protect thatched roofs
- The specialist equipment used to deal with thatched roof fires
- The common causes of fires in thatched roofs

Practical application



Control measure element

Learning outcome

Appropriate intervention: Thatched roof fires

- Demonstrate the ability to:
- Identify the hazards presented at thatched roof fires
 - Use appropriate techniques and equipment to extinguish fire in thatched roofs



Control measure - Firebreaks and fuel breaks

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element

Learning outcome

Firebreaks and fuel breaks

- Understand:
- The purpose of a firebreak in a building and how to effectively create it
 - The purpose of a fuel break in a building and how to effectively create it

Practical application

Control measure element

Learning outcome

Firebreaks and fuel breaks

- Demonstrate the ability to:
- Use appropriate techniques and equipment to create an effective firebreak in a building
 - Use appropriate techniques and equipment to create an effective fuel break in a building



Control measure - Damage control – Thatch fires



TRAINING SPECIFICATION

Knowledge and understanding

Control measure element

Learning outcome

Damage control – Thatch fires

Understand:

- Why damage control processes are important for fires involving thatched roofs
- The processes used to protect and salvage possessions for fires involving thatched roofs

Practical application

Control measure element

Learning outcome

Damage control – Thatch fires

Demonstrate the ability to:

- Perform damage control tasks at fires involving thatched roofs



Control measure - Tactical planning – Damage control

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element

Learning outcome

Tactical planning – Damage control

Understand:

- The three phases of operations at fires involving thatched roofs.
- The attributes proportionate to the effectiveness of damage control activities



Practical application

Control measure element

Learning outcome

Tactical planning – Damage control

Demonstrate the ability to:

- Use a damage control plan as part of a damage control team for fires involving thatched roofs
- Operate within a functional sector as damage control operative
- Carry out appropriate salvage operations for fires involving thatched roofs



Hazard - Fires in chimneys

Knowledge and understanding

Hazard

Learning outcome

Fires in chimneys

Understand all associated hazard knowledge



Control measure - Appropriate intervention: Fires in chimneys

TRAINING SPECIFICATION

Knowledge and understanding



Control measure element

Learning outcome

Appropriate intervention: Fires in chimneys

Understand:

- The hazards associated with fires in chimneys
- The features of chimneys making it difficult to extinguish fire
- The different methods of chimney construction
- The techniques and equipment used to extinguish fires in chimneys
- The specialist equipment used to deal with uncontrolled roof fires
- The common causes of uncontrolled fires in chimneys

Practical application

Control measure element

Learning outcome

Appropriate intervention: Fires in chimneys

Demonstrate the ability to:

- Use appropriate techniques and equipment to extinguish fire in chimneys



Control measure - Cutting away

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element

Learning outcome

Expose fire by cutting away

Understand the following:

- Circumstances when cutting away is/is not appropriate
- Appropriate methods for cutting away
- Appropriate equipment for cutting away



Practical application

Control measure element

Learning outcome

Cutting away

Demonstrate the ability to:

- Assess adjoining compartments prior to cutting away
- Select and use appropriate tools for cutting away
- Identify structural members which may be affected by cutting away activities
- Identify and isolate power supplies where necessary prior to cutting away



Control measure - Controlled burning

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element

Learning outcome

Controlled burning

Understand:

- Why a controlled burn may limit the impact on the environment
- When a controlled burn can be considered
- The need to seek specialist advice and from whom
- The effects of using positive pressure ventilation to accelerate a controlled burn
- The techniques used to introduce an accelerated control burn
- The techniques that can be used in conjunction with a controlled burn

Practical application



Control measure element

Learning outcome

Controlled burning

Demonstrate the ability to:

- Use equipment to accelerate burning in line with service procedures
- Protect surroundings during a controlled burn



Hazard - Cables

Knowledge and understanding

Hazard

Learning outcome

Cables

Understand all associated hazard knowledge



Control measure - Locate and avoid cables

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element

Learning outcome

Locate and avoid cables

Understand:

- How thermal imaging can be used to identify internal fixings that have been subjected to heat
- Other methods to locate and identify lightweight conduit, trunking and cable fixings
- The need and methods to isolate electricity supplies to reduce the hazards associated with cables
- How specialist equipment may minimise the risks associated with cable entanglement



Practical application

Control measure element

Learning outcome

Locate and avoid cables

Demonstrate the ability to:

- Establish and communicate the location of cables, fixings, fuels and relevant isolation points
- Assess the likelihood that cables and fixings may fail
- Use thermal imaging to identify cables subjected to heat
- Identify and communicate alternative routes to avoid the risks associated with cables
- Secure cables in safe position to avoid entanglement
- Perform a controlled release of cables
- Select the use of appropriate specialist equipment to minimise the risk of cable entanglement



Control measure - Extrication of personnel from cable entanglement

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element

Learning outcome

Extrication of personnel from cable entanglement

Understand:

- When and why procedures for extrication from cable entanglement should be put in place
- Emergency procedures for extrication due to entrapment from cables
- Cable entanglement self-release techniques

Practical application



Control measure element

Learning outcome

Extrication of personnel from cable entanglement

Demonstrate the ability to:

- Identify and communicate the presence of cables to personnel entering the hazard area
- Apply service procedures where cables may be present and there may be a risk of cable entanglement
- Establish emergency procedures for cable entanglement
- Self-extricate from cable entanglement
- Rescue personnel from a cable entanglement using service procedures



Hazard - Hoarding

Knowledge and understanding

Hazard

Learning outcome

Hoarding

Understand all associated hazard knowledge



Control measure - Identify hoarding properties

TRAINING SPECIFICATION

Knowledge and understanding



Control measure element

Learning outcome

Identify hoarding properties

Understand:

- The signs that hoarding may be occurring in a property
- The procedures to be adopted when hoarding activity is discovered

Practical application

Control measure element

Learning outcome

Identify hoarding properties

Demonstrate the ability to:

- Identify signs of hoarding in properties
- Communicate hoarding activity to relevant others
- Take appropriate action when hoarding activity is discovered



Control measure - Remove materials

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element

Learning outcome

Remove materials

Understand:

- Why hoarded material is hazardous
- The legislation applicable to certain premises regarding fire safety and health and safety
- The procedures to be adopted to remove hoarded material from premises

Practical application



Control measure element

Learning outcome

Remove materials

Demonstrate the ability to:

- Use appropriate procedures to remove hoarded material from premises



Hazard - Fires in tall buildings

Knowledge and understanding

Hazard

Learning outcome

Fires in tall buildings

Understand all associated hazard knowledge



Control measure - Appropriate intervention: Fires in tall buildings

TRAINING SPECIFICATION

Knowledge and understanding



Control measure element

Learning outcome

Appropriate intervention: Fires in tall buildings

Understand:

- How to use firefighting facilities at fires in tall buildings
- The challenges of effective resourcing at fires in tall buildings
- How the actions of personnel may affect the integrity of escape routes
- How to protect the integrity of escape routes
- Plan evacuation at a fire in a tall building, considering:
 - Limitations of access and egress
 - Availability of staircases
 - Occupancy type and numbers of people
 - Actions of personnel
 - The information being passed by fire control rooms to callers
- How fire service intervention may impact fire engineered solutions
- How to maintain water supplies at fires in tall buildings
- How to effectively coordinate a search at a fire in a tall building
- How to sectorise a fire in a tall building and use bridgeheads and staging areas

Practical application



Control measure element

Learning outcome

Appropriate intervention: Fires in tall buildings

Demonstrate the ability to:

- Use firefighting facilities appropriately at fires in tall buildings
- Protect and maintain escape routes during operational activity at fires in tall buildings
- Use staircases appropriately for evacuation and intervention and communicate their designated use
- Identify when it is appropriate to prioritise evacuation or intervention at fires in tall buildings
- Consider the impact of limited water supplies on intervention and adapt tactical plans accordingly
- Co-ordinate searches of tall buildings



Control measure - Situational awareness: Fires in tall buildings

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element

Learning outcome

Situational awareness: Fires in tall buildings

Understand:

- The need to identify the fire floor at fires in tall buildings
- The benefits of external observation at fires in tall buildings
- The impacts that fixed installations and ventilation may have on the incident
- The sources of information that will assist in achieving situational awareness at fires in tall buildings
- The barriers that may affect communication at fires in tall buildings



Practical application

Control measure element

Learning outcome

Situational awareness: Fires in tall buildings

Demonstrate the ability to:

- Gather information to support situational awareness at fires in tall buildings
- Establish effective communications between internal and external sectors at fires in tall buildings
- Establish effective communications between fire control room and the incident ground at fires in tall buildings
- Use safety officers effectively at fires in tall buildings
- Develop tactical plans that consider the effects of uncontrolled ventilation
- Develop tactical plans for fires in tall buildings that consider the information provided by fire control rooms to callers
- Effectively gather information from credible sources when developing tactical plans



Hazard - Fires in basements

Knowledge and understanding

Hazard

Learning outcome

Fires in basements

Understand all associated hazard knowledge



Control measure - Safe access and egress: Fires in buildings



TRAINING SPECIFICATION

Knowledge and understanding

Control measure element

Learning outcome

Safe access and egress: Fires in buildings

Understand:

- The methods of protecting access and egress routes for buildings involved in fire
- The purpose of a building fire strategy
- The purpose of emergency lighting within buildings and its limitations
- The types of lifts used in buildings and their associated standards
- The use of ladders, aerial appliances and firefighting lifts for access and egress in buildings

Practical application

Control measure element

Learning outcome

Safe access and egress: Fires in buildings

Demonstrate the ability to:

- Protect access and egress routes in buildings using appropriate methods
- Identify and operate from firefighting shafts as a primary means of access for firefighting and staging internal operations in buildings
- Control firefighting lifts during incidents considering impact on evacuation
- Use and operate separate routes for access and egress of firefighting personnel and emergency evacuation of residents and members of public for fires in buildings
- Identify and communicate potential security systems and devices which could isolate personnel in risk areas within buildings





Control measure - Appropriate intervention:

Fires in basements

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Appropriate intervention: Fires in basements	Understand: <ul style="list-style-type: none">• The various types of basement• The fixed installations used in basements for firefighting purposes• The considerations when attending fires in basements• The procedures to be adopted for fighting fires in basements• The techniques and equipment used for firefighting in basements

Practical application

Control measure element	Learning outcome
Appropriate intervention: Fires in basements	Demonstrate the ability to: <ul style="list-style-type: none">• Identify the type of basement• Identify the fixed installations used in basements for firefighting purposes• Use appropriate procedures for dealing with fires in basements• Use appropriate techniques and equipment to extinguish fires in basements



Hazard - Fires in tunnels



Knowledge and understanding

Hazard

Fires in tunnels

Learning outcome

Understand all associated hazard knowledge



Control measure - Appropriate intervention: Fire in tunnel

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element

Appropriate intervention: Fire in tunnel

Learning outcome

Understand:

- The types of tunnels and their construction
- The fixed installations and safety systems used in tunnels
- The considerations before deciding on the appropriate intervention for fires in tunnels
- The procedures to be adopted for fighting fires in tunnels

Practical application



Control measure element

Learning outcome

Appropriate intervention: Fire in tunnel

- Demonstrate the ability to:
- Identify the type of tunnel
 - Identify the fixed installations used in tunnels for firefighting purposes
 - Use appropriate procedures for dealing with fires in tunnels
 - Use appropriate techniques and equipment to extinguish fires in tunnels



Hazard - Fires in buildings with a mezzanine, gallery or raised storage areas

Knowledge and understanding

Hazard

Learning outcome

Fires in buildings with a mezzanine, gallery or raised storage areas

Understand all associated hazard knowledge



Control measure - Appropriate intervention: Mezzanine, gallery or raised storage area

TRAINING SPECIFICATION

Knowledge and understanding



Control measure element

Learning outcome

Appropriate intervention: Mezzanine, gallery or raised storage area

Understand:

- The use and construction of mezzanine, gallery and raised storage areas
- The fixed installations and safety systems used in mezzanine, galleries and raised storage areas
- The considerations before deciding on the appropriate intervention for fires in mezzanine, galleries and raised storage areas
- The procedures to be adopted for fighting fires in mezzanine, galleries and raised storage areas

Practical application

Control measure element

Learning outcome

Appropriate intervention: Mezzanine, gallery or raised storage area

Demonstrate the ability to:

- Identify mezzanine, galleries and raised storage areas
- Identify the fixed installations used in mezzanine, galleries and raised storage areas
- Use appropriate procedures for dealing with fires in mezzanine, galleries and raised storage areas
- Use appropriate techniques and equipment to extinguish fires in mezzanine, galleries and raised storage areas



Hazard - Fires in buildings with a cellular layout

Knowledge and understanding

Hazard

Learning outcome

Fires in buildings with a cellular layout

Understand all associated hazard knowledge



Control measure - Safe access and egress: Fires in buildings

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element

Learning outcome

Safe access and egress: Fires in buildings

Understand:

- The methods of protecting access and egress routes for buildings involved in fire
- The purpose of a building fire strategy
- The purpose of emergency lighting within buildings and its limitations
- The types of lifts used in buildings and their associated standards
- The use of ladders, aerial appliances and firefighting lifts for access and egress in buildings

Practical application



Control measure element

Learning outcome

Safe access and egress: Fires in buildings

- Demonstrate the ability to:
- Protect access and egress routes in buildings using appropriate methods
 - Identify and operate from firefighting shafts as a primary means of access for firefighting and staging internal operations in buildings
 - Control firefighting lifts during incidents considering impact on evacuation
 - Use and operate separate routes for access and egress of firefighting personnel and emergency evacuation of residents and members of public for fires in buildings
 - Identify and communicate potential security systems and devices which could isolate personnel in risk areas within buildings



Control measure - Access concealed spaces

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element

Learning outcome

Access concealed spaces

- Understand:
- Why it may be necessary to access concealed spaces
 - The most appropriate methods and access points for concealed spaces
 - How accessing concealed spaces may affect:
 - Ventilation
 - Structural integrity
 - Utility supplies



Practical application

Control measure element

Learning outcome

Access concealed spaces

Demonstrate the ability to:

- Isolate utility supplies before accessing concealed spaces
- Identify the impacts on structural stability before accessing concealed spaces
- Consider the impact of ventilation when accessing concealed spaces
- Implement the appropriate methods of accessing concealed spaces
- Put in place appropriate and sufficient firefighting media when accessing concealed spaces



Hazard - Fires in buildings with an open-plan layout

Knowledge and understanding

Hazard

Learning outcome

Fires in buildings with an open-plan layout

Understand all associated hazard knowledge



Control measure - Appropriate intervention: Fires in building with an open plan layout

TRAINING SPECIFICATION

Knowledge and understanding



Control measure element

Learning outcome

Appropriate intervention: Fires in building with an open plan layout

Understand:

- The relevant information available from floor plans
- The use and construction of open plan layout buildings
- The fixed installations and safety systems used in open plan layout buildings
- The considerations before deciding on the appropriate intervention for fires in open plan layout buildings
- The procedures to be adopted for fighting fires in open plan layout buildings

Practical application

Control measure element

Learning outcome

Appropriate intervention: Fires in building with an open plan layout

Demonstrate the ability to:

- Identify open plan areas within buildings involved in fire
- Identify the fixed installations used in buildings with an open plan layout
- Use appropriate procedures for dealing with fires in buildings with an open plan layout
- Use appropriate techniques and equipment to extinguish fires in buildings with an open plan layout



Hazard - Fires in atriums

Knowledge and understanding



Hazard

Learning outcome

Fires in atriums

Understand all associated hazard knowledge



**Control measure - Appropriate intervention:
Fires in atriums**

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element

Learning outcome

Appropriate intervention: Fires in atriums

Understand:

- The use and construction of atriums in buildings
- The fixed installations and safety systems used in atriums
- The considerations before deciding on the appropriate intervention for fires in buildings with atriums
- The procedures to be adopted for fighting fires in atriums

Practical application

Control measure element

Learning outcome

Appropriate intervention: Fires in atriums

Demonstrate the ability to:

- Identify atriums which pass through non-compartmented floors
- Use appropriate procedures for dealing with fires in atriums
- Use appropriate techniques and equipment to extinguish fires in atriums



Hazard - Fires in auditoriums and stadiums

Knowledge and understanding

Hazard	Learning outcome
Fires in auditoriums and stadiums	Understand all associated hazard knowledge



Control measure - Appropriate intervention: Fires in auditoriums and stadiums

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Appropriate intervention: Fires in auditoriums and stadiums	Understand: <ul style="list-style-type: none">• The purpose of building fire control rooms and how they can assist firefighting operations• The fixed installations and safety systems used in auditoriums and stadiums• The considerations before deciding on the appropriate intervention for fires in auditoriums and stadiums• The procedures to be adopted for fighting fires in auditoriums and stadiums

Practical application



Control measure element

Learning outcome

Appropriate intervention: Fires in auditoriums and stadiums

Demonstrate the ability to:

- Identify and use auditorium and stadium fire control rooms to assist with firefighting operations
- Identify the fixed installations used in auditoriums and stadiums
- Use appropriate procedures for dealing with fires in auditoriums and stadiums
- Use appropriate techniques and equipment to extinguish fires in auditoriums and stadiums



Hazard - Fires in buildings with complex fire engineering

Knowledge and understanding

Hazard

Learning outcome

Fires in buildings with complex fire engineering

Understand all associated hazard knowledge



Control measure - Site-Specific Risk Information (SSRI)

TRAINING SPECIFICATION

Knowledge and understanding



Control measure element

Learning outcome

Site-Specific Risk Information (SSRI)

Understand:

- The arrangements for obtaining SSRI
- The information contained within SSRI
- The process for sharing updated information regarding SSRI

Practical application

Control measure element

Learning outcome

Access and use Site Specific Risk Information to inform operational practice

Demonstrate the ability to:

- Access SSRI
- Use SSRI information to identify hazards
- Produce accurate SSRI
- Use service policy to process and amend inaccurate SSRI
- Identify sites that require completion of SSRI
- Perform familiarisation visits involving SSRI
- Perform exercises using SSRI
- Use salvage plans
- Use disaster plans
- Use SSRI to resolve operational incidents
- Identify inaccurate information following an inspection, visit or incident and update SSRI appropriately



Control measure - Emergency response plans

TRAINING SPECIFICATION

Knowledge and understanding



Control measure element

Learning outcome

Emergency response plans

Understand:

- The relevant legislation on the production of emergency response plans
- The principles of emergency response and recovery

Practical application

Control measure element

Learning outcome

Access and use emergency response plans to inform operational practice

Demonstrate the ability to:

- Access emergency response plans
- Identify roles and responsibilities of Fire Service within emergency response plans
- Co-operate and share information with other responsible agencies in line with service policy and legal obligations



Control measure - Responsible person: Fires in buildings

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element

Learning outcome

Responsible person: Fires in buildings

Understand:

- The information a responsible person may be able provide regarding fires in buildings

Practical application



Control measure element

Learning outcome

Responsible person: Fires in buildings

Demonstrate the ability to:

- Gather relevant information regarding fire in a building from a responsible person
- Question the responsible person, other responders and witnesses to understand building fire incident factors and history
- Liaise with the responsible person to identify the fire strategy and evacuation routes for buildings involved in fire



Control measure - Apply situational awareness: Fires in buildings

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element

Learning outcome

Apply situational awareness: Fires in buildings

Understand:

- How fire engineered buildings can behave differently during a fire
- The relevant national guidance regarding fire safety in buildings
- Where sources of information can be found regarding a buildings engineered solutions
- The considerations when attending buildings with fire engineered solutions

Practical application



Control measure element

Learning outcome

Apply situational awareness: Fires in buildings

- Demonstrate the ability to:
- Identify the benefits of fire engineering and hazards should they fail
 - Identify security features which may pose additional risk to personnel
 - Identify contingencies to minimise the risks posed by building security features



Control measure - Implement firefighting contingency arrangements

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element

Learning outcome

Implement firefighting contingency arrangements

- Understand:
- The contingency arrangements which may be implemented for buildings involved in fire and how to set up and use them safely

Practical application

Control measure element

Learning outcome

Implement firefighting contingency arrangements

- Demonstrate the ability to:
- Set up and safely use appropriate contingencies arrangements using applicable procedures and equipment for fires in buildings





Control measure - Use integral communications

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Use integral communications	Understand: <ul style="list-style-type: none">• The types of communications systems used in buildings• Where and how integral communications can be used in buildings involved in fire• The potential benefits and limitations of integral communications to firefighters when attending fires in buildings

Practical application

Control measure element	Learning outcome
Use integral communications	Demonstrate the ability to: <ul style="list-style-type: none">• Identify and make use of integral communications systems• Establish an effective system of communication considering distances and the working environment• Conduct regular communication checks to ensure equipment continues to function• Use fall-back procedures should there be a failure in the communications equipment• To maintain the sensitivity of information when broadcasting sensitive information using appropriate systems (e.g. about casualties or fatalities)• Identify contingency arrangements should communication systems fail