



<b>Hazard - Inaccurate situational awareness – Fires in buildings</b> .....	2
<b><i>Control measure - Situational awareness – Fires in buildings</i></b> .....	2
<b><i>Control measure - Scene survey: Fires in buildings</i></b> .....	4



## **Hazard - Inaccurate situational awareness - Fires in buildings**

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### **Knowledge and understanding**

<b>Hazard</b>	<b>Learning outcome</b>
Inaccurate situational awareness – Fires in buildings	Understand all associate hazard knowledge



## **Control measure - Situational awareness – Fires in buildings**

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### **TRAINING SPECIFICATION**

### **Knowledge and understanding**

Control measure element	Learning outcome
Situational awareness – Fires in buildings	<p>Understand:</p> <ul style="list-style-type: none"> <li>• How fires in buildings are affected by: <ul style="list-style-type: none"> <li>- Their design</li> <li>- The construction materials used</li> <li>- Their use</li> <li>- Occupancy types</li> <li>- Building systems</li> <li>- Engineered solutions</li> </ul> </li> <li>• The effects of fire and firefighting on a building</li> <li>• Potential sources of information for fires in buildings including: <ul style="list-style-type: none"> <li>- SSRI</li> <li>- Emergency response plans</li> <li>- Building plans</li> <li>- Premises information boxes and plates</li> <li>- Building systems</li> <li>- Signage</li> <li>- External surveys</li> <li>- Observations from thermal imaging</li> <li>- Fire control rooms</li> <li>- Responsible person</li> <li>- Occupants</li> <li>- External safety officers</li> <li>- Personnel operating inside the building</li> <li>- Other agencies</li> </ul> </li> </ul>

### Practical application

Control measure element	Learning outcome
Situational awareness – Fires in buildings	Demonstrate the ability to: <ul style="list-style-type: none"> <li>• Access information to inform situational awareness, including               <ul style="list-style-type: none"> <li>- Evacuation strategy</li> <li>- Fire safety plan</li> </ul> </li> <li>• Document information received appropriately</li> <li>• Use sources of information, such as building plans, to support decision making</li> <li>• Consider the design, construction and occupancy type when developing a tactical plan</li> <li>• Check accuracy of information with responsible person</li> <li>• Access building systems such as:               <ul style="list-style-type: none"> <li>- Fire alarms</li> <li>- Security systems</li> <li>- Closed circuit television</li> </ul> </li> </ul>



## Control measure - Scene survey: Fires in buildings

### TRAINING SPECIFICATION

#### Knowledge and understanding

Control measure element	Learning outcome
Scene survey: Fires in buildings	Understand: <ul style="list-style-type: none"> <li>• How to perform a comprehensive scene survey</li> <li>• The information that should be gathered at a fire in a building</li> <li>• Signs of occupancy</li> </ul>

#### Practical application

Control measure element	Learning outcome
<p>Scene survey: Fires in buildings</p>	<p>Demonstrate the ability to:</p> <ul style="list-style-type: none"> <li>• Carry out a comprehensive scene survey at the earliest opportunity and regularly based on a risk assessment of the incident</li> <li>• Identify appropriate information during a scene survey including: <ul style="list-style-type: none"> <li>- Occupancy,</li> <li>- Use and contents of the building</li> <li>- Construction type</li> <li>- Size, age and condition of the building</li> <li>- Adjacent buildings that may be affected</li> <li>- Signs of unauthorised habitation</li> <li>- The presence of fixed installations</li> <li>- Any fire engineered solutions and their current effectiveness</li> </ul> </li> <li>• Identify and communicate changes in the building fire environment, which may affect tactical decisions</li> </ul>