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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	<p>Understand:</p> <ul style="list-style-type: none"> • How fires in buildings are affected by: <ul style="list-style-type: none"> - 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: <ul style="list-style-type: none"> - 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: <ul style="list-style-type: none"> • Access information to inform situational awareness, including <ul style="list-style-type: none"> - 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: <ul style="list-style-type: none"> - 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: <ul style="list-style-type: none"> • 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
<p>Scene survey: Fires in buildings</p>	<p>Demonstrate the ability to:</p> <ul style="list-style-type: none"> • 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: <ul style="list-style-type: none"> - 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