



National
Operational
Guidance

Hazard

Exposure to radiation



NFCC
National Fire
Chiefs Council

Developed and maintained by the NFCC



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Hazard - Exposure to radiation

Knowledge and understanding

Hazard	Learning outcome
Exposure to radiation	Understand all associated hazard knowledge



Control measure - Substance identification: Radioactive materials

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Gather information and recognise symbols, labels and other marking to identify radioactive materials	Understand: <ul style="list-style-type: none">• Classification and labelling of radioactive materials• Signage identifying the presence of radioactive materials

Practical application



Control measure element

Learning outcome

Gather information and recognise symbols, labels and other marking to identify radioactive materials

Demonstrate the ability to:

- Use signs, labels and markings to identify the presence of radioactive materials
- Identify and interpret radioactive material incident information and where appropriate use detection equipment
- Use specialist advice to identify radioactive materials information

Refer to – Substance identification – Hazardous materials training specification



Control measure - Manage the radiation dose received by firefighters

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element

Learning outcome

Manage the radiation dose received by firefighters to as low as reasonably practicable (ALARP)

Understand:

- The factors for managing exposure to radiation:
 - Time
 - Distance
 - Shielding
- The use of personal dosimeters
- The use of dose rate survey meters
- The considerations prior to an exposure event



Practical application

Control measure element

Manage the radiation dose received by firefighters to as low as reasonably practicable (ALARP)

Learning outcome

Demonstrate the ability to:

- Assess the need for fire service exposure to radiation source(s)
- Employ the principles for managing exposure to radiation:
 - Time
 - Distance
 - Shielding
- Use personal dosimeters
- Use dose rate survey meters
- Monitor and record radiation exposure information