



National  
Operational  
Guidance

## Hazard

Manage the radiation dose received  
by firefighters



**NFCC**  
National Fire  
Chiefs Council

Developed and maintained by the NFCC

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## Control measure - Manage the radiation dose received by firefighters

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### TRAINING SPECIFICATION

#### Knowledge and understanding

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Control measure element	Learning outcome
Manage the radiation dose received by firefighters to as low as reasonably practicable (ALARP)	Understand: <ul style="list-style-type: none"><li>• The factors for managing exposure to radiation:<ul style="list-style-type: none"><li>- Time</li><li>- Distance</li><li>- Shielding</li></ul></li><li>• The use of personal dosimeters</li><li>• The use of dose rate survey meters</li><li>• The considerations prior to an exposure event</li></ul>

#### Practical application



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**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