



National
Operational
Guidance

Hazard

**Explosive materials: Not involved in
fire**



NFCC
National Fire
Chiefs Council

Developed and maintained by the NFCC



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Hazard - Explosive materials: Not involved in fire

Knowledge and understanding

Hazard	Learning outcome
Explosive materials: Not involved in fire	Understand all associated hazard knowledge See hazard – Explosive materials not involved in fire



Control measure - Site specific risk information: Explosive materials

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Gather and have available risk critical information on explosive materials	Refer to Site-Specific Risk Information (SSRI) – Operation straining specification

Practical application

Control measure element	Learning outcome
Gather and have available risk critical information on explosive materials	Demonstrate the ability to: • Gather explosive material information from a number of sources • Interpret risk information and plan for anticipated outcomes Refer to Site-Specific Risk Information (SSRI) – Operation straining specification



Control measure - ARCHIVED - 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 - Substance identification: Explosive materials

TRAINING SPECIFICATION



Knowledge and understanding

Control measure element

Gather information and recognise symbols, labels and other markings to identify explosive materials

Learning outcome

Understand:

- Classification of explosive materials
 - Signage identifying explosive materials in the transport environment
 - The information that may be gathered from a vehicle or crafts crew, when explosives are being transported
 - Liaison protocols with military personnel to determine the carriage of explosive materials in unmarked transport
 - Signage identifying sites where explosive materials may be stored
 - Labelling and packaging of explosive substances
 - Recognition features of homemade explosives and CBRNe materials
 - The use of specialist advice to identify homemade explosives and CBRNe materials
- Refer to – Substance identification – Hazardous materials training specification

Practical application



Control measure element

Learning outcome

Gather information and recognise symbols, labels and other markings to identify explosive materials

Demonstrate the ability to:

- Use signs, labels and markings to identify the presence of explosive materials
- Access and interpret explosive materials information from various sources
- Identify the location and physical state of explosive materials and where appropriate use detection equipment
- Identify involvement of explosive materials in fire

Refer to – Substance identification – Hazardous materials training specification



Control measure - Control Ammonium Nitrate fertiliser

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element

Learning outcome

Control Ammonium Nitrate fertiliser

Understand:

- The use of Ammonium Nitrate
- The use of cordon controls to reduce risk from explosive materials
- How to identify and interpret signage for Ammonium Nitrate
- Actions if Ammonium Nitrate is smouldering or decomposing
- Ammonium Nitrate information to inform tactical planning



Practical application

Control measure element

Learning outcome

Control Ammonium Nitrate fertiliser

Demonstrate the ability to:

- Establish preventative measures to control the impact of nitrate fertiliser on incidents
- Select and implement appropriate operational tactics for use at incidents involving nitrate fertiliser
- Monitor and manage the risk from nitrate fertilisers
- Access additional support from explosive materials experts



Control measure - Eliminate ignition sources

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element

Learning outcome

Minimise risk by eliminating sources of ignition

Understand the following:

- Meaning of ignition source
- Types of ignition source
- Methods to identify ignition sources
- Methods to eliminate or minimise the risk of ignition

Practical application



Control measure element

Learning outcome

Eliminate ignition sources

Demonstrate the ability to:

- Identify potential ignition sources
- Select and use appropriate methods to eliminate or control ignition sources



Control measure - Control explosive materials not involved in fire

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element

Learning outcome

Control explosive materials not involved in fire to prevent them becoming unstable

Understand:

- How explosives may become unstable
- Priority actions to prevent explosives becoming unstable

Practical application

Control measure element

Learning outcome

Control explosive materials not involved in fire to prevent them becoming unstable

Demonstrate the ability to:

- Identify, assess and communicate the likely involvement of explosive materials
- Select and implement appropriate tactics to prevent explosive materials being involved in fire
- Identify where explosive materials present a risk to people, infrastructure and the environment



Control measure - Use intrinsically safe equipment

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Use intrinsically safe equipment to reduce the possibility of explosion	Understand: <ul style="list-style-type: none">• The importance of using intrinsically safe equipment near explosive materials

Practical application

Control measure element	Learning outcome
Use intrinsically safe equipment to reduce the possibility of explosion	Demonstrate the ability to: <ul style="list-style-type: none">• Use intrinsically safe equipment where there is a risk of explosion