



National
Operational
Guidance

Hazard

Unstable or collapsed excavations



NFCC

Fire Central
Programme Office

Developed and maintained by the NFCC



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Hazard - Unstable or collapsed excavations

Knowledge and understanding

Hazard	Learning outcome
Unstable or collapsed excavations	Understand all associated hazard knowledge



Control measure - Safe system of work: Unstable or collapsed excavations

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Safe system of work: Unstable or collapsed excavations	Understand: <ul style="list-style-type: none">• The activity requirements for an incident involving an unstable or collapsed excavation• The safe working practices to be adopted at incidents involving unstable or collapsed excavations

Practical application



Control measure element

Learning outcome

Safe system of work: Unstable or collapsed excavations

Demonstrate the ability to:

- Use agreed safe working practices around unstable or collapsed excavations
- Seek and use appropriate advice to assess the stability of an unstable or collapsed excavation
- Put in place appropriate emergency arrangements when working in the hazard area
- Identify and communicate the type of excavation
- Identify and communicate the type, height and angle of the excavation will affect stability



Control measure - Shoring

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element

Learning outcome

Shoring

Understand:

- The benefits of shoring and why shoring elements of structure may be necessary
- The need for shoring operations to be carried out by competent personnel
- When improvised shoring methods may be considered
- The considerations and actions prior to using on-site resources for shoring
- The need to monitor and assess shoring throughout the incident

Practical application



Control measure element

Learning outcome

Consider requesting specialist advice and resources for shoring

Demonstrate the ability to:

- Assess the structural stability of the working environment to ascertain the need for shoring
- Identify and request the support of additional resources and specialist advisers to aid shoring
- Provide sufficient protection from secondary collapse so operations may proceed