

# COGESA12.10

## Remove the threat of munitions



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### Overview

This unit comprises the following elements:

- 1 Confirm the threat posed by munitions
- 2 Implement protective measures
- 3 Render safe or dispose of munitions

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### Performance criteria

#### Confirm the threat posed by munitions

*You must be able to:*

- P1 work safely at all times, complying with relevant health and safety, environmental and other regulations, legislation and guidelines
- P2 achieve a positive identification of the munition type(s)
- P3 establish objectively the status by the optimum means, when possible to do so
- P4 when it is not possible to achieve a positive identification, you must:
  - P4.1 assess the status of the munition, when possible
  - P4.2 inspect and record sufficient details as to enable you to carry out further research
  - P4.3 obtain and analyse the information to enable you to achieve a positive identification, where possible
- P5 re-evaluate the threats posed by the munition in the light of the additional knowledge
- P6 identify and report the threat posed by the item when it is beyond the scope of your expertise and the availability of resources
- P7 record and report your findings in accordance with operational requirements and organisational procedures

#### Implement protective measures

*You must be able to:*

- P8 work safely at all times, complying with relevant health and safety, environmental and other regulations, legislation and guidelines
- P9 define objectively what protective measures are required that are consistent with the threat
- P10 confirm the availability of resources to implement the protective measures
- P11 take into account the possible impact on the environment of the protective measures
- P12 develop and execute an implementation plan in accordance with operational requirements and organisational procedures
- P13 maintain effective liaison with and advise other agencies and individuals to ensure that the required protective measures can be implemented
- P14 evaluate the effectiveness of your plan, adapting it where necessary

#### Render safe or dispose of munitions

*You must be able to:*

- P15 work safely at all times, complying with relevant health and safety, environmental and other regulations, legislation and guidelines
- P16 develop an effective plan for the disposal of the munition
- P17 confirm the availability of resources to implement the plan
- P18 ensure that your plan meets operational requirements and organisational procedures

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- P19 carry out the 'render safe' or 'final disposal' procedures in accordance with the plan
- P20 confirm the plan's effectiveness and take appropriate action when ineffective
- P21 record and report the disposal according to organisational procedures

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### Knowledge and understanding

*You need to know and understand:*

#### Confirm the threat posed by munitions

- K1 the health, safety and environmental and other statutory legislation, regulations and safe working practices and procedures, and their implications for your area of work
- K2 the relevance of personal protective equipment (PPE)
- K3 the actions to be taken in response to an unplanned event
- K4 the importance of establishing the status (i.e. the condition and situation) of the munition
- K5 the potential impact of changing operational tempos and priorities
- K6 sources of information on munition types
- K7 how to interpret the possible effect posed by the munition on the local scenario
- K8 the responsibilities, capabilities and limitations of other agencies
- K9 operational requirements and organisational procedures
- K10 to whom to report threats posed by non-munition hazards

#### Implement protective measures

*You need to know and understand:*

- K11 the health, safety and environmental and other statutory legislation, regulations and safe working practices and procedures, and their implications for your area of work
- K12 the relevance of personal protective equipment (PPE)
- K13 the actions to be taken in response to an unplanned event
- K14 the potential impact of changing operational tempos and priorities
- K15 improvisation methods
- K16 the role of appropriate agencies
- K17 how to brief your team and other relevant people
- K18 the capabilities, limitations and uses of the resources and protective measures
- K19 sources of technical information
- K20 how to interpret technical information
- K21 the minimum safety distance for various threats
- K22 when and why you might review and change the minimum safety distance

#### Render safe or dispose of munitions

*You need to know and understand:*

- K23 the health, safety and environmental and other statutory legislation, regulations and safe working practices and procedures, and their implications for your area of work
- K24 the relevance of personal protective equipment (PPE)
- K25 the actions to be taken in response to an unplanned event
- K26 the functioning of the munition and the relevant 'render safe' procedures

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- K27 operational requirements and organisational procedures
- K28 the capabilities, limitations and uses of resources
- K29 with whom to maintain effective liaison, and why you should do so
- K30 the effect of a successful disposal, and the consequences of an unsuccessful disposal

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### Additional Information

#### Glossary

immediately identifiable munitions  
those that require further investigation

benign environments

hazardous environments

suitably equipped

with limited resources

benign environments

hazardous environments

different disposal methods: energetic; non-energetic

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**Relevant occupations** Science and mathematics; Science; Engineering; Science and Engineering Technicians; Process, Plant and Machine Operatives

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**Suite** Explosive Substances and Articles

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**Key words** immediately identifiable munitions; those that require further investigation; benign environments; hazardous environments; different disposal methods: energetic; non-energetic