

## COGESA3.2.10A

### Carry out assurance audit of systems for explosives safety



#### Overview

This unit identifies the competences you need to assess an organisation's safety management system.

Your responsibilities will require you to gather and validate relevant information and confirm the intended use, operation/functioning of the explosive substance or article and its intended environments. You need to work within the agreed timescale and resource constraints, recommend amendments to the plan in the light of changing circumstances. You need to investigate any non-compliance and unresolved discrepancies, prioritising them in an order commensurate with the degree of risk and take appropriate action. You should give timely advice and make practicable recommendations. On occasions, you will be working with full equipment and on others, with limited resources, individually and collaboratively. You will be carrying out assurance audits in relation to facilities, people, processes and documentation. You will be required to report any problems with the explosive safety management activities that you cannot personally resolve, or that are outside your permitted authority to the relevant people. You will be expected to work to verbal/written instructions and standard operating procedures with a minimum of supervision, taking personal responsibility for your own actions and for the quality and accuracy of the work that you and your team carry out.

Your underpinning knowledge will be sufficient to provide a sound basis for your work and will enable you to adopt an informed approach to understanding the purpose of the explosives safety management system and best practice within it, the organisation's explosives-related business objectives relevant to your area of work, your organisation's explosives-related structure and systems and the way in which any constraints affect you. You will have an understanding of the attributes and behaviours required for working safely in adequate depth to provide a sound background for carrying out the safety management activities to the required specification.

You will understand the precautions required when carrying out the safety management activities for explosive substances and articles. You will be required to demonstrate safe working practices throughout and will understand your responsibility for taking the necessary safeguards to protect yourself and others in the workplace.

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#### Performance criteria

- You must be able to:*
- P1 work safely at all times, complying with health and safety, environmental and other relevant regulations, legislation and guidelines
  - P2 implement your responsibilities to the agreed timescale and resource constraints
  - P3 recommend amendments to the plan in the light of changing circumstances or information
  - P4 investigate any non-compliance and unresolved discrepancies, prioritising them in an order commensurate with the degree of risk
  - P5 take appropriate action commensurate with identified non-compliance
  - P6 give timely advice or feedback on explosives safety-related matters
  - P7 make practicable recommendations for improvement
  - P8 report your recommendations in the appropriate format

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#### Knowledge and understanding

*You need to know and understand:*

- K1 the health, safety and environmental and other statutory legislation, regulations and safe working practices and procedures governing explosives and their implications for your area of work
- K2 the relevance of personal protective equipment (PPE)
- K3 the nature, characteristics, hazards and risks of the explosive substances and/or articles
- K4 the actions to be taken in response to an unplanned event
- K5 the purpose of the explosives safety management system
- K6 best practice in explosives safety management
- K7 your organisation's explosives-related business objectives and activities relevant to the risk control measures
- K8 your organisation's explosives-related structure and system
- K9 the way in which any constraints affect the audit
- K10 the competence of the personnel affected by the assurance systems for explosives

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#### Additional Information

#### Scope/range related to performance criteria

The numbers of scope items specified (below) indicate the minimum requirements for this Occupational Standard.

- 1 Work with resources in both of the following categories:
  - 1.1 fully equipped
  - 1.2 with limited resources
  
- 2 Make a contribution in **both** of the following categories:
  - 2.1 Individually
  - 2.2 Collaboratively
  
- 3 Implement risk control measures within explosives safety systems in **all** of the following categories:
  - 3.1 facilities
  - 3.2 people
  - 3.3 processes
  - 3.4 documentation

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**Key words** Health, safety and environmental, statutory legislation, regulations, classification application process, nature, characteristics, hazards and risks, unplanned event,