

## COGESA3.2.9A

### Implement risk control measures for explosive substances and/or articles 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, implement control measures that are commensurate with identified risks, recommending amendments to the plan in the light of changing circumstances and taking 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 implementing both planned and unplanned risk control measures in relation to both facilities and people. 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, the organisation's explosives-related business objectives relevant to the risk control measures, 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.

## COGESA3.2.9A

### Implement risk control measures for explosive substances and/or articles safety

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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 implement control measures that are commensurate with identified risk
  - P4 recommend amendments to the plan in the light of changing circumstances or information
  - P5 take appropriate action commensurate with identified risks
  - 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

## COGESA3.2.9A

### Implement risk control measures for explosive substances and/or articles safety

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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 you
- K10 your level of authority
- K11 the competence of the personnel affected by the risk control measures for explosives

## COGESA3.2.9A

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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 in **both** of the following categories:
  - 3.1 Planned
  - 3.2 Unplanned
  
- 4 Implement risk control measures within explosives safety systems in **both** of the following categories:
  - 4.1 facilities
  - 4.2 people

## COGESA3.2.9A

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