
Overview

This standard exists within a research and development role and covers the competences you need to carry out small scale processing for explosive substances and/or articles in accordance with approved procedures and practices.

You will be required to demonstrate that you can confirm the suitability and correct set-up of the equipment, prior to use. Establishing and maintaining the required controlled conditions in accordance with approved procedures and practices.

This activity is likely to be undertaken by someone whose work role involves Ordnance, Munitions or Explosives work activities. This includes people working as researchers, designers and developers.

This standard replaces COGESA1.16.

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 confirm the suitability and correct set-up of the equipment, prior to use
 - P3 ensure that the resources are available and are serviceable, prior to use
 - P4 establish and maintain the required controlled conditions
 - P5 produce the required quantities within specification, in accordance with the processing plan
 - P6 recommend modifications to the procedures
 - P7 reinstate the work area to a safe condition after processing
 - P8 take action in the event of unplanned occurrences, and record and report them in the correct format
 - P9 record information using the correct documentation

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 small scale processing procedure to be followed
- K6 the risks and consequences inherent in the processing procedure
- K7 the necessary conditions, and how to maintain them
- K8 how to calibrate and operate the equipment
- K9 the action to be taken in the event of deviations or problems
- K10 the documentation requirements
- K11 reporting line and procedures
- K12 how to consign waste and other products for disposal

Carry out small scale processing for explosive substances and/or articles



Scope/range

1. Resources: facilities; equipment; services; consumables; other people
2. Reporting: verbally; in writing

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Suite	Explosive Substances and Articles
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