
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

COGESAKR1.13

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



Scope/range

These standards may be limited by the following;

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

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Originating Organisation Cogent

Original URN This standard replaces COGESA1.16.

Relevant Occupations Engineering and Manufacturing Technologies, Process, Plant and Machine Operatives, Science and Engineering Technicians, Science and Mathematics Science

Suite Explosive Substances and Articles: Research, Design and Development

Keywords Small scale, processing, health, safety, practices, procedures, hazards
