

---

## Overview

This standard comprises the following elements:

1. Carry out investigations into explosive substances and/or articles
2. Analyse and evaluate research information on explosive substances and/or articles

This activity is likely to be undertaken by someone whose work role involves Weapons, Ordnance, Munitions or Explosives work activities. This includes people working as managers of research leaders, design managers and development managers.

## Performance criteria

*You must be able to:* 1. Carry out investigations into explosive substances and/or articles

P1 work safely at all times, complying with health and safety, environmental and other relevant regulations, legislation and guidelines

P2 set up the investigation in line with the research plan P3 manage relationships with interested parties in accordance with agreements made

P4 use methods, techniques and apparatus in line with the procedures

P5 document any unexpected outcomes or incidents as they occur

P6 report any delays or problems experienced to all interested parties and adjust the research plan

P7 pay attention to hazards and risks arising from the investigation and take steps to minimize them

P8 report your findings in the correct format

P9 maintain the requirements of confidentiality at all times

2. Analyse and evaluate research information on explosive substances and/or articles

P10 work safely at all times, complying with health and safety, environmental and other relevant regulations, legislation and guidelines

P11 select techniques of analysis and evaluation that are fit for purpose

P12 ensure the consistency of the evaluation

P13 obtain confirmation to your conclusions and act on the resulting feedback

P14 verify the correctness and quality of the analysis, using accepted and valid techniques

P15 record the results of the analysis in the correct format P16 maintain the requirements of confidentiality at all time



---

phase  
solving techniques  
K27 your own level of authority and that of others with whom you work  
K28 reporting lines  
K29 the requirements of confidentiality

K26 problem

---

**Scope/range**

1. Scope of the investigation: individually; collaboratively
2. Interested parties: team colleagues; other colleagues beyond your team; externally
3. Risks relating to: materials; equipment; services failure
4. Analytical and evaluation techniques: established; adapting established techniques
5. Reporting results: in writing; verbally

COGESA1.11

Carry out investigations and analyse the information collected on explosive substances and/or articles



---

**Developed by** Cogent

---

**Version Number** 2

---

**Date Approved** November 2017

---

**Indicative Review Date** November 2020

---

**Validity** Current

---

**Status** Original

---

**Originating Organisation** SEMTA

---

**Original URN** ESA1.11

---

**Relevant Occupations** Science and mathematics Science; Science; Engineering and manufacturing technologies; Science and Engineering Technicians; Process, Plant and Machine Operatives

---

**Suite** Explosive Substances and Articles

---

**Keywords** Investigations, analyse, evaluate, research information

---