
Overview

This standard covers the competences you need to dispose of explosive substances and/or articles by non-complex chemical breakdown procedures in accordance with approved procedures and practices.

You will be required to demonstrate that you can ensure that you, and those under your control, carry out the disposal procedure and the plan correctly, checking that all preparatory work and all safety precautions have been carried out in accordance with approved procedures.

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 disposal supervisors.

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 ensure that you and those under your control, carry out the disposal procedure and the plan correctly
 - P3 check that all preparatory work and all safety precautions have been carried out
 - P4 ensure that any substances are released safely and correctly
 - P5 process the required substances using approved equipment, chemicals and/or techniques in accordance with procedures
 - P6 take suitable precautions to prevent unintended release during the process
 - P7 segregate and dispose of the process residues and products in accordance with approved procedures
 - P8 maintain documentation, in accordance with organizational procedures

Knowledge and understanding

- You need to know and understand:*
- K1 the health, safety and environmental and other statutory legislation, regulations, safe working practices and procedures governing explosives and their implications for your area of work
 - K2 the relevance of PPE and COSHH
 - K3 the nature, characteristics, hazards and risks of the explosive substances and/or articles to be broken down
 - K4 the actions to be taken in response to an unplanned event
 - K5 the disposal procedure, and the plan
 - K6 the safety constraints of chemical breakdown
 - K7 relevant and alternative breakdown techniques and procedures
 - K8 types of breakdown equipment or chemicals and their application, capabilities and limitations
 - K9 procedures for calibration and authorization of equipment
 - K10 special designated responsibilities
 - K11 environmental controls relating to breakdown
 - K12 the reporting documentation to be used
 - K13 the customer's objectives and needs
 - K14 the competences of the personnel involved
 - K15 reporting lines and procedures
 - K16 your own level of authority and of those with whom you work
 - K17 how to consign residues and other products for disposal
 - K18 clearance and remedial actions to be taken on completion of the disposal

Scope/range

1. Level and extent of responsibility: completing non-complex tasks yourself; supervising other competent personnel engaged in completing non-complex tasks
2. Types of substances: explosive; other hazardous substances

Developed by	Cogent
Version Number	2
Date Approved	November 2017
Indicative Review Date	November 2020
Validity	Current
Status	Original
Originating Organisation	SEMTA
Original URN	ESA11.11A
Relevant Occupations	Science and mathematics Science; Science; Engineering; Science and Engineering Technicians; Process, Plant and Machine Operatives
Suite	Explosive Substances and Articles
Keywords	Dispose, non-complex, chemical, explosives, health and safety, statutory legislation, regulations
