
Overview

This standard covers the competences you need to gather information to assist in generating explosive article design options in accordance with approved procedures and practices.

You will be required to demonstrate that you can confirm your understanding of the design requirements, obtaining and reviewing information that will affect the design in accordance with approved procedures and practices.

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 researchers, designers and developers.

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 your understanding of the design requirements
 - P3 obtain and review information that will affect the design
 - P4 document the information in the correct format
 - P5 present the information, acknowledging all sources
 - P6 show where any gaps in the information suggest the need for further investigations
 - P7 maintain the requirements of confidentiality at all times

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 required functioning of the explosive substance or article
 - K6 information sources and document systems
 - K7 the requirements of the structure and content of design specifications
 - K8 how to present the information
 - K9 reporting lines
 - K10 your own level of authority and that of others you work with
 - K11 the requirements of confidentiality

Scope/range

1. Information sources: informal; internal reports; external publications
2. Format: verbal; written; graphic

Developed by	Cogent
Version Number	2
Date Approved	November 2017
Indicative Review Date	November 2020
Validity	Current
Status	Original
Originating Organisation	SEMTA
Original URN	ESA1.23
Relevant Occupations	Science and mathematics Science; Science; Engineering; Science and Engineering Technicians; Process, Plant and Machine Operatives
Suite	Explosive Substances and Articles
Keywords	Gather, information, health and safety, statutory regulations, legislation