

Manage the storage of explosive substances and/or articles

Overview

This standard covers the competences you need to manage the storage of explosive substances and/or articles in accordance with approved procedures and practices.

You will be required to demonstrate that you can identify the storage requirements for the nature and quantities of explosive substances and/or articles, ensuring that systems are in place that result in the prompt notification of any discrepancies and delivery problems 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 those working as maintenance, storage and disposal managers.

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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 the storage function complies with the organizational explosives safety and security management systems
 - P3 Identify the storage requirements for the nature and quantities of explosive substances and/or articles
 - P4 allocate storage in accordance with the storage strategy
 - P5 allocate appropriate resources to tasks
 - P6 ensure that systems are in place that result in the prompt notification of any discrepancies and delivery problems
 - P7 ensure that the duration of storage is managed, within agreed timescales
 - P8 carry out regular reviews of the storage plan to ensure continuing optimized use of the storage facility
 - P9 ensure the continuing optimum condition of the explosive substances and/or articles in storage
 - P10 respond to developing events and priorities in accordance with procedures
 - P11 develop and communicate an appropriate storage contingency plan
 - P12 maintain accurate records in accordance with organizational procedures

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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, risks and hazards of the explosive substance and/or article
 - K4 the actions to be taken in response to an unplanned event
 - K5 the organization's safety management system for explosives
 - K6 your organization's security management system
 - K7 the rules governing mixing hazard divisions, compatibility groups and explosive licence limitations
 - K8 your organization's procedures for receiving and accepting explosive substances and/or articles
 - K9 the schedule of receipts and despatches and the overall storage capacity
 - K10 the resources available and the tasks required
 - K11 with which organizations you need to liaise and why
 - K12 the roles and responsibilities of staff
 - K13 reporting lines and procedures
 - K14 the types, quantity and shelf-life of explosive stock
 - K15 any specific maintenance requirements for explosive stock in storage
 - K16 the importance of, and how to draw up a contingency plan
 - K17 resource planning methods and techniques
 - K18 how to implement and direct corrective actions from reported discrepancies
 - K19 the role of your unit, and where it fits into the wider organization
 - K20 documentation systems
 - K21 the limitations of the environment, facilities and available resources

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Scope/range

- 1 Storage: single; mixed
- 2 Storage considerations: capacity (duration and volume); compatibility; environmental; explosive limit criteria; security
- 3 Resources: full; limited

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Developed by	Cogent
Version Number	2
Date Approved	November 2017
Indicative Review Date	November 2020
Validity	Current
Status	Original
Originating Organisation	SEMTA
Original URN	Unit 7.11
Relevant Occupations	Science and mathematics Science; Science; Engineering; Science and Engineering Technicians; Process, Plant and Machine Operatives
Suite	Explosive Substances and Articles
Keywords	Manage, storage, explosives, health and safety, statutory legislation, regulations
