
Overview

This standard covers the competences you need to plan the maintenance programme for explosive substances and/or articles in accordance with approved procedures and practices.

You will be required to demonstrate that you can assess the amount and type of resources needed, assessing the technical and business risks involved 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 maintenance managers.

Performance criteria

- You must be able to:*
- P1 work safely at all times, complying with health and safety and other relevant regulations, legislation and guidelines
 - P2 assess the amount and type of resources needed
 - P3 assess the technical and business risks involved
 - P4 agree the deliverables with the customer
 - P5 produce a clear and accurate maintenance programme and contingency plan in accordance with your organization's explosives maintenance policy
 - P6 take into account in your programme any maintenance, configuration or repair recommendations
 - P7 build in an appropriate review process
 - P8 communicate your maintenance programme clearly in the approved manner
 - P9 maintain the requirements of confidentiality at all times
 - P10 comply with the appropriate quality standards

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 substance and/or article
 - K4 the actions to be taken in response to an unplanned event
 - K5 the specification and classification of the explosive substances and/or articles
 - K6 your organization's maintenance and repair policy
 - K7 your customer's objectives and needs
 - K8 the constraints of the business plan
 - K9 resource planning methods and techniques
 - K10 your available resources, and any constraints attached to them
 - K11 how to carry out a technical and business risk assessment
 - K12 the timescales involved
 - K13 the configuration management system
 - K14 the reporting lines and procedures for reporting problems
 - K15 any confidentiality requirements
 - K16 the relevant quality standards and compliance regime

Scope/range

- 1 Resources: manpower (internal and external); facilities (internal and external); tools and equipment; time
- 2 Criticality: critical maintenance; non-critical maintenance
- 3 Maintenance activities: routine maintenance of explosive articles; fault repair of explosive articles
- 4 Complexity of activity: where routine inspection is required; where maintenance of complex systems and more than one role is required for the task

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 5.1
Relevant Occupations	Science and mathematics Science; Science; Engineering; Science and Engineering Technicians; Process, Plant and Machine Operatives
Suite	Explosive Substances and Articles
Keywords	Plan, programme, explosives, health and safety, statutory legislation regulations