
Overview

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

You will be required to demonstrate that you can follow the correct operating specifications for the explosive articles being inspected, making the required inspections in the specified sequence and in an agreed timescale 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 and manufacturing operators.

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 follow the correct operating specifications for the explosive articles being inspected
 - P3 ensure that the tools used are fit for purpose
 - P4 carry out inspections within the limits of your authority
 - P5 make the required inspections in the specified sequence and in an agreed timescale
 - P6 confirm that the inspection equipment meets the required operating specification
 - P7 report any instances where the equipment fails to meet the required operating performance after inspections
 - P8 maintain documentation in accordance with organizational procedures
 - 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 functioning, hazards and risks of the explosive substances and/or articles covered by the maintenance programme
 - K4 the actions to be taken in response to an unplanned event
 - K5 reporting lines and procedures
 - K6 the requirements of the maintenance task and procedures
 - K7 the timescales involved
 - K8 the tools and test equipment to be used and how to use them
 - K9 inspection methods and techniques as prescribed in the relevant documentation using the appropriate tools and in the correct sequence
 - K10 the risks associated with your work and their potential consequences
 - K11 the implications for the process or system as a whole, of the quality of the different components within it
 - K12 equipment operating and care and control procedures
 - K13 the implications of test results
 - K14 the requirements of configuration activities your own level of authority
 - K14.1 any confidentiality requirements
 - K15 the relevant quality standards and compliance regime

Scope/range

1. Level and extent of responsibility: inspection of the lowest subassembly and routine testing; carrying out routine inspection tasks on complex systems under the supervisor's direction
2. Types of inspection procedures and activities: non-critical routine inspection of explosive articles; critical routine inspection where sign-off by a supervisor is required

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