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## Overview

This standard covers the competences you need to implement the adjustment 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 adjusted, carrying out adjustments within the limits of your authority 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 operators.

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## 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 adjusted
  - P3 ensure that the tools used are fit for purpose
  - P4 carry out adjustments within the limits of your authority
  - P5 make the required adjustments in the specified sequence and in an agreed timescale
  - P6 confirm that the adjusted equipment meets the required operating specification
  - P7 report any instances where the equipment fails to meet the required operating performance after adjustments or where there are identified faults outside the required adjustments
  - P8 dispose of waste materials in accordance with safe working practices and approved procedures
  - P9 maintain documentation in accordance with organizational requirements
  - P10 maintain the requirements of confidentiality at all times
  - P11 comply with the appropriate quality standards

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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 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 waste streams and disposal procedures
  - K10 adjustment methods and techniques as prescribed in the relevant documentation using the appropriate tools, and in the correct sequence
  - K11 the risks associated with your work and their potential consequences
  - K12 the implications for the process or system as a whole of the quality of the different components within it
  - K13 equipment operating, and care and control procedures
  - K14 the implications of test results
  - K15 the requirements of configuration activities
  - K16 your own level of authority
  - K17 any confidentiality requirements
  - K18 the relevant quality standards and compliance regime

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**Scope/range**

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

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