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## Overview

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

You will be required to demonstrate that you can carry out the assembly activities in the specified sequence and in an agreed time scale. Reporting any instances where the assembly activities cannot be fully met or where there are identified faults outside the planned task 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.

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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 relevant maintenance procedures to carry out the required assembly work
  - P3 ensure that the tools used are fit for purpose
  - P4 carry out the assembly activities in the specified sequence and in an agreed time scale
  - P5 take suitable precautions to prevent damage to components tools and equipment during assembly
  - P6 report any instances where the assembly activities cannot be fully met or where there are identified faults outside the planned task
  - P7 obtain the required components and ensure that they meet the required specification
  - P8 label, store or discard any removed components, in accordance with approved procedures
  - P9 complete the relevant maintenance records accurately, and pass them on to the appropriate person
  - P10 dispose of waste materials in accordance with safe working practices and approved procedures
  - P11 maintain the requirements of confidentiality at all times
  - P12 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 waste streams and disposal procedures
  - K6 reporting lines and procedures
  - K7 the requirements of the maintenance task and procedures
  - K8 the timescales involved
  - K9 the tools and test equipment to be used and how to use them
  - K10 component assembly 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: assembly of the lowest sub-assembly and routine testing; carrying out routine assembly tasks on complex systems under the supervisor's direction

2 Types of assembly procedures and activities: non-critical routine assembly of explosive articles; critical routine assembly where sign-off by a supervisor is required

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