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## Overview

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

You will be required to demonstrate that you can check the condition of the removed components, and record those that may require replacement. Reporting any instances where the removal 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 supervisors.

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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 removal work
  - P3 ensure that the tools used are fit for purpose
  - P4 carry out the removal activities within the limits of your authority
  - P5 check the condition of the removed components, and record those that may require replacement
  - P6 take suitable precautions to prevent damage to components, tools and equipment during removal
  - P7 report any instances where the removal activities cannot be fully met or where there are identified faults outside the planned task
  - P8 label, store or discard the 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 nature, characteristics, hazards and risks of the explosive substance and/or article
  - K4 the functioning of the explosive substances and/or articles covered by the maintenance programme
  - K5 the actions to be taken in response to an unplanned event
  - K6 waste streams and disposal procedures
  - K7 reporting lines and procedures
  - K8 the competences of the personnel involved
  - K9 the requirements of the maintenance policy, plan and procedures
  - K10 component removal methods and techniques, as prescribed in the relevant documentation using the appropriate tools and in the correct sequence
  - K11 your organization's and your customer's requirements
  - K12 the timescales involved
  - K13 the tools and test equipment to be used, how to use them and additional diagnostic methods relevant to the test being carried out
  - K14 equipment operating and care and control procedures
  - K15 the risks associated with your work and their potential consequences and how the contingency plan addresses these
  - K16 the implications for the process or system as a whole of the quality of the different components within it
  - K17 configuration management procedures
  - K18 any confidentiality requirements
  - K19 the relevant quality standards and compliance regime

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**Scope/range**

1. Level and extent of responsibility: fault diagnosis of complex systems; testing and evaluating equipment and interpreting results; coaching others in removal tasks
2. Assets or equipment to be removed: non-complex explosive articles; complex explosive articles
3. Types of removal procedures and activities: critical routine and non-routine removal tasks; fault diagnosis and repair; authorization of work to be carried out by others; sign off of work carried out by others

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