

## Prepare the explosives process area and equipment

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### Overview

This standard covers the competences you need to prepare the explosives process area and equipment in accordance with approved procedures and practices.

You will be required to demonstrate that you can ensure that you have the process instructions detailing the work to be carried out, dealing promptly with problems, reporting any that you cannot solve and/or are not your responsibility 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 those working as manufacturing and general explosives operators.

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**Performance criteria**

- You must be able to:*
- P1 work safely at all times, complying with health and safety, environmental and other relevant regulations, legislation and guidelines
  - P2 ensure that you have the required authorization to proceed
  - P3 ensure that you have the process instructions detailing the work to be carried out
  - P4 comply with the process instructions
  - P5 confirm that you have the correct tools
  - P6 ensure that the process area is cleared of all unnecessary equipment
  - P7 clear and clean all residual materials and/or waste from the area to the required standard
  - P8 re-assemble equipment ready for the next operation when required
  - P9 ensure that all equipment is confirmed as being clean and operational
  - P10 confirm that the area is in a suitable condition for the next activity
  - P11 deal promptly with problems, reporting any that you cannot solve and/or are not your responsibility
  - P12 explain to relevant personnel about any problems and the current status of the equipment
  - P13 complete correctly the required documentation

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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 work area hazards
  - K4 the actions to be taken in response to an unplanned event
  - K5 the nature of the materials being processed
  - K6 the importance of having the necessary authorization to proceed
  - K7 the process instructions for the work to be carried out
  - K8 the importance of identifying the correct equipment to be prepared
  - K9 the equipment layout and connection to other systems
  - K10 the importance of using the correct preparation method appropriate to different pieces of equipment
  - K11 the importance of dismantling and reassembling equipment correctly
  - K12 how to recognize when there is a potential problem
  - K13 the limits of your responsibility
  - K14 reporting procedures
  - K15 the requirements of the documentation

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**Scope/range**

1. Explosive environments: low negative consequence; high negative consequence
2. Cleaning technique to preclude ignition hazards: impact; friction; static
3. Relevant personnel: team members; colleagues beyond your own

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