

## Supervise the shutdown of explosives processing

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### Overview

This standard covers the competences you need to supervise the shutdown of explosives processing in accordance with approved procedures and practices.

You will be required to demonstrate that you can ensure that the correct shutdown operating instructions have been issued, informing all relevant personnel that shutdown is imminent 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 supervisors.

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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 the correct shut down operating instructions have been issued
  - P3 confirm that the equipment is in an appropriate condition for shutdown to commence
  - P4 inform all relevant personnel that shutdown is imminent
  - P5 ensure that all services not required are shut down, according to operating instructions
  - P6 ensure that all unprocessed, part- processed materials and products are correctly dealt with
  - P7 ensure that all residual and/or waste materials are correctly dealt with
  - P8 ensure that all equipment is correctly cleaned
  - P9 deal promptly with any problems that arise, reporting any that are not within your authority
  - P10 complete correctly the required documentation
  - P11 confirm that all shutdown procedures have been completed and ensure that all relevant personnel have been informed when shutdown is complete

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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 nature, characteristics, hazards and risks of the explosive substance and/or article
  - K4 the actions to be taken in response to an unplanned event
  - K5 work area hazards
  - K6 compatibility mixing rules
  - K7 how to confirm that the equipment is ready for shutdown to commence
  - K8 routine and emergency shutdown procedures
  - K9 the importance of shutting down services
  - K10 the importance of communication
  - K11 why it is important to minimize any loss/damage during shutdown
  - K12 how to deal with unprocessed and part-processed materials and products
  - K13 methods of dealing with waste and/or residual materials
  - K14 how to handle equipment safely in ways that protect yourself and others from risk
  - K15 the types of problems that can occur. and how to recognize and deal with them
  - K16 reporting lines
  - K17 the documentation requirements

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**Scope/range**

1. Explosive environment; low negative consequence; high negative consequence
2. Shutdown: routine; emergency
3. Tasks: single operations; multiple operations

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