

## Shut down the explosives process

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### Overview

This standard covers the competences you need to shut down the explosives process in accordance with approved procedures and practices.

You will be required to demonstrate that you can confirm that you have the correct shutdown instructions, ensuring that you have the authorization to shut down 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 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 confirm that you have the correct shutdown instructions
  - P3 ensure that you have the authorization to shut down
  - P4 organize your own work and that of others effectively
  - P5 input and set accurately the shutdown settings, process variables and services
  - P6 shut down the process system in accordance with the process instructions
  - P7 monitor the shutdown effectively, and correct faults and problems as authorized
  - P8 ensure that all unprocessed and part- processed materials are correctly packed
  - P9 control effectively any residual and/or waste materials
  - P10 report to the right person on completion of shutdown
  - P11 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 what constitutes an abnormal event
- K6 routine and emergency shutdown procedures
- K7 the nature of the materials being processed
- K8 the functioning of process equipment
- K9 equipment layout and its connection with other systems
- K10 the importance of minimizing loss and/or damage during shutdown
- K11 how to pack unprocessed and part- processed materials
- K12 how to organize your own work and brief the relevant people
- K13 methods of dealing with waste and/or residual materials
- K14 reporting lines
- K15 the documentation requirements

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**Scope/range**

- 1 Explosive environment: low negative consequence; high negative consequence
- 2 Shutdown: routine; emergency

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