

## Monitor and control explosives processing

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### Overview

This standard covers the competences you need to monitor and control explosives processing in accordance with approved procedures and practices.

You will be required to demonstrate that you can confirm that you have the correct process instructions, dealing promptly with problems, reporting promptly any that are not within your authority 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 process instructions
  - P3 monitor the process to ensure that it runs effectively, to the process parameters
  - P4 recognize deviations and take action to maintain normal operating conditions
  - P5 deal promptly with problems, reporting promptly any that are not within your authority
  - P6 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 the actions to be taken in response to an unplanned event
  - K4 work area hazards
  - K5 the nature of the materials being used in the process
  - K6 the process parameters
  - K7 methods of monitoring the process
  - K8 the deviations that may occur and how to recognize them
  - K9 the action to take to maintain normal operating conditions
  - K10 the limits of your authority
  - K11 the importance of communication
  - K12 reporting lines
  - K13 the documentation requirements

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### Scope/range

1. Explosive environment: low negative consequence; high negative consequence
2. Process: by hand; by machine
3. Monitoring: visually; using equipment

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