

Supervise explosives processing

Overview

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

You will be required to demonstrate that you can confirm that the correct operating instructions have been issued, organizing your own work and that of others effectively 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.

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 the correct operating instructions have been issued
 - P3 organize your own work and that of others effectively
 - P4 confirm that the process is running within the process parameters
 - P5 confirm that all the equipment remains in a safe and functional condition
 - P6 confirm that any samples have been taken in accordance with the plan
 - P7 identify any deviations, and take action to restore normal operating conditions
 - P8 deal promptly with problems, reporting promptly any that are not within your authority
 - P9 ensure that the required documentation is correctly completed

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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 the interaction between the materials and the equipment being used
- K7 the compatibility mixing rules
- K8 how to interpret and check operating parameters in the process
- K9 the importance of correctly set controls
- K10 how to adjust the process to meet the specified quality
- K11 the importance of communication
- K12 reporting lines
- K13 the competences of team members
- K14 how to handle equipment safely in ways that protect yourself and others from risk
- K15 problem solving techniques
- K16 sampling requirements
- K17 the documentation requirements

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Scope/range

- 1 Explosive environment; low negative consequence; high negative consequence
- 2 Tasks: single operation; multiple operation
- 3 Process: by hand; by machine
- 4 Monitoring: visually; using equipment

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