

Solve explosives process problems

Overview

This standard comprises the following elements:

1 Identify explosives processing problems.
evaluate solutions.

2 Implement and

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: 1 Identify explosives processing problems

- P1 work safely at all times, complying with health and safety, environmental and other relevant regulations, legislation and guidelines
- P2 confirm that the correct process instructions are being used
- P3 confirm that the equipment being used is in a safe and functional condition
- P4 confirm the integrity of the materials being used
- P5 ensure that the specified operating parameters have been maintained
- P6 identify the possible stage(s) in the process where the problem has occurred
- P7 identify the likely cause(s) of the problem
- P8 evaluate the likely consequence(s) of the problem
- P9 identify the most appropriate and cost-effective solution to the problem
- P10 report problems beyond your level of authority to the appropriate person
- P11 complete correctly the required documentation

2 Implement and evaluate solutions

- P12 work safely at all times, complying with health and safety, environmental and other relevant regulations, legislation and guidelines
- P13 ensure that you have the necessary authority to implement the solution
- P14 implement the chosen solution with a minimal amount of disruption
- P15 evaluate the implementation of the solution and make recommendations for further improvements
- P16 report problems beyond your level of authority to the appropriate person
- P17 report on the implementation of your solution to the appropriate people
- P18 complete correctly the required documentation

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Knowledge and understanding

You need to know and understand: 1 Identify explosives processing problems

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 required condition of the materials being used

K7 the importance of the operating parameters

K8 the functions and uses of the different types of equipment used and how to confirm the status of the equipment

K9 problem solving techniques

K10 the importance of an appropriate response to the situation

K11 the action to be taken to minimize loss and damage

K12 the importance of communication

K13 the limits of your authority

K14 the documentation requirements

2 Implement and evaluate solutions

K15 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

K16 the relevance of personal protective equipment (PPE)

K17 the nature, characteristics, hazards and risks of the explosive substance and/or article

K18 the actions to be taken in response to an unplanned event

K19 work area hazards

K20 the importance of the operating parameters

K21 the functions and uses of the different types of equipment used and how to confirm the status of the equipment

K22 the authorization process

K23 how to implement the chosen solution

K24 how to minimize disruption, loss and damage

K25 problem solving techniques

K26 the different courses of action open to you to deal with problems

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- K27 the impact of any changes made
- K28 the limits of your authority
- K29 the importance of communication
- K30 the requirements of documentation

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Scope/range

1. Explosive environments: low negative consequence; high negative consequence
2. Problems relating to: safety; quality; yield
3. Solutions relating to: safety; quality; yield

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