

Manage equipment in an explosives environment

Overview

This standard covers the competences you need to manage equipment in an explosives environment in accordance with approved procedures and practices.

You will be required to demonstrate that you can confirm that the equipment meets the required standard of cleanliness ensuring that fully serviceable equipment is available when required 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 people working as supervisors who are responsible for the management of a range of equipment designed for use in an explosives environment.

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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 equipment is suitable and fit for purpose in an explosive environment
 - P3 ensure that equipment is correctly maintained, calibrated and used in accordance with procedures
 - P4 confirm that the equipment meets the required standard of cleanliness
 - P5 ensure that fully serviceable equipment is available when required
 - P6 arrange for repair or replacement of defective equipment
 - P7 monitor the efficiency and effectiveness of the equipment and respond to trends in equipment behaviour
 - P8 ensure that equipment care and control is conducted, in accordance with procedures
 - P9 adhere to the appropriate quality standards
 - P10 maintain records in accordance with the organisation's requirements

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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 substances and/or articles
- K4 the actions to be taken in response to an unplanned event
- K5 the purpose for which the equipment is to be used
- K6 the importance of using the correct equipment
- K7 the physical environment in which the equipment is to be used
- K8 equipment operation, pre- and post-use procedures
- K9 maintenance and calibration procedures and their importance
- K10 when, why and how to confirm that the equipment is clean
- K11 the maintenance schedule
- K12 the relevant quality standards and compliance regime
- K13 reporting lines and procedures in making recommendations for improvement
- K14 the correct functioning of equipment, and how to identify if it does not work properly
- K15 equipment record keeping procedures

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Scope/range

1. Equipment management: routine; non-routine

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