

Define explosives facilities requirement

Overview

This standard covers the competences you need to define explosives facilities requirement in accordance with approved procedures and practices.

You will be required to demonstrate that you can confirm the uses of the facility and its associated explosives-related hazards, ensuring that your specification meets the business and regulatory requirements in accordance with approved procedures.

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 manufacturing, storage and disposal managers.

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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 and guidelines
 - P2 confirm the uses of the facility and its associated explosives-related hazards
 - P3 identify the plant, equipment and facility layout requirement
 - P4 assess the siting options and identify the optimum
 - P5 consult the relevant external authorities on your preliminary design and siting
 - P6 ensure that your specification meets the business and regulatory requirements
 - P7 obtain the necessary internal approval for your specification
 - P8 submit any associated safety documentation to obtain the necessary approvals

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Knowledge and understanding

You need to know and understand:

- K1 the health, safety and environmental and other statutory legislation, regulations, 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 your organization's business objectives and activities
- K6 the purpose for which the explosives facility is being designed
- K7 security requirements
- K8 when and why re-commissioning may be appropriate
- K9 the resources available and any constraints attached to their use
- K10 separation distance requirements
- K11 the features of good explosives facility design
- K12 which authorities should be consulted
- K13 the requirements for obtaining approval from within your organization
- K14 the external licensing process and timetable

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Scope/range

1. Explosive event: protecting from and against internal explosive event; withstanding an external explosive event

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