
Overview

This standard covers the competences you need to create the complex specification for explosive substances and/or articles in accordance with approved procedures and practices.

You will be required to demonstrate that you can identify or confirm accurately the underlying needs of the customer. Confirming the customer's level of satisfaction, and using the information to make further improvements 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 individuals working as research leaders, design managers and development managers.

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 identify or confirm accurately the underlying needs of the customer
 - P3 assess objectively the feasibility of the customer's requirement
 - P4 determine objectively the best methods by which these needs can be addressed
 - P5 explain fully and clearly to the customer, and any other relevant people, the basis for any decisions
 - P6 identify accurately any operational constraints that could affect the research and development of the explosive substance and/or article
 - P7 provide relevant advice to the customer, expressed in a way that meets their requirements
 - P8 alert the customer promptly to any additional information or implications that may be in their best interests
 - P9 consult others who may be affected, and build their feedback into your specification
 - P10 create a specification that clearly addresses all the customer's requirements and your success criteria
 - P11 create a clear and concise specification that contains sufficient detail to enable research planning to take place
 - P12 confirm the customer's level of satisfaction, and use the information to make further improvements
 - P13 maintain the requirements of confidentiality at all times

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 your organization's strategic and operational policies and objectives
 - K6 how to carry out a feasibility study
 - K7 how to establish success criteria
 - K8 alternative options for meeting the customer's needs
 - K9 the underlying needs of the customer's requirements
 - K10 when and how to challenge a customer's brief
 - K11 when and how to advise a customer to pursue a different course of action
 - K12 the constraints that may affect your decisions and plans
 - K13 your own level of authority, and that of others with whom you work
 - K14 the requirements of confidentiality

Scope/range

1. Requirements: where a complex detailed technical requirement is provided; where a general requirement is provided
2. Constraints: resource limitations; possible conflicts of interest
3. Solutions for addressing needs: existing; adaptations to existing solutions; novel solutions

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