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## Overview

This standard covers the competences you need to determine the existence of a suitable trial or test procedure for explosive substances and/or articles in accordance with approved procedures and practices.

You will be required to demonstrate that you can decide whether an existing trial or test procedure is suitable on the basis of an analysis of the available information. Obtaining agreement to your proposal through a peer and customer review in accordance with approved procedures and practices.

This activity is likely to be undertaken by someone whose work role involved Weapons, Ordnance, Munitions or Explosives work activities. This includes people working as test and evaluation managers and supervisors.

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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 identify the information and factors relevant to the trial or test
  - P3 select the most likely trials or tests that meet your criteria
  - P4 decide whether an existing trial or test procedure is suitable on the basis of an analysis of the available information
  - P5 obtain agreement to your proposal through a peer and customer review
  - P6 identify other potentially valuable tasks that could be carried out concurrently
  - P7 determine that this approach meets the customer's requirements, through negotiation
  - P8 adhere to the relevant quality standards
  - P9 document the agreed process for audit purposes in the appropriate format

## 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 the factors relevant to the trial or test
- K6 the test or trial objectives
- K7 the range of test methods that may be relevant
- K8 sources of relevant information
- K9 analysis methods and techniques
- K10 the test facilities and resources available locally and elsewhere
- K11 the resources needed to carry out the trial or test
- K12 your own level of authority
- K13 when and why a customer and/or peer review would be appropriate
- K14 what might constitute value to your customer and/or your organization
- K15 when and how to advise the customer to pursue a different course of action
- K16 when and why it might be appropriate to carry out other tasks concurrently
- K17 the importance of documenting your actions and your rationale
- K18 the relevant quality standards and compliance regime
- K19 your organization's recording procedures

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**Scope/range**

1. Technical, legal and cost implications: safety, environmental impact; value to the customers; value to your organization; resources
2. Test and evaluation activities relevant to the test or trial being conducted; test methods; analysis methods
3. Sources of information: databases; publications; informal sources of information
4. Information: with access to complete information; with access to incomplete information

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