
Overview

This standard exists within a research and development role and covers the competences you need to prepare a research strategy for explosive substances and/or articles in accordance with approved procedures and practices.

You will be required to demonstrate that you can ensure that your strategy addresses the current and likely future needs of your customer in line with the research specification. Identifying and addressing any operational constraints that could affect the research strategy in accordance with approved procedures and practices.

This activity is likely to be undertaken by someone whose work role involves Ordnance, Munitions or Explosives work activities. This includes individuals working as senior research leaders working at strategic level with organizations outside their own.

This standard replaces COGESA1.6

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 keep records of the ideas considered, and the justification for their selection or dismissal, acknowledging input from others

P3 realistically assess the potential utility and impact of further study

P4 ensure that your strategy addresses the current and likely future needs of your customer

P5 identify and address any operational constraints that could affect the research strategy

P6 consult customers and other stakeholders who have a legitimate interest and build their feedback into the strategy

P7 ensure that your strategy clearly addresses your customers' and stakeholders' requirements, and your organisation's strategic objectives

P8 validate the final strategy through a peer review

P9 ensure compatibility between the research strategy and the business plan

P10 identify and express clearly in the research strategy the aims, objectives and expected outcomes

P11 prioritise and justify your research strategy

P12 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 the business risks associated with the research strategy

K7 the potential uses of the research

K8 the current and likely future strategic and operational requirements of your customers

K9 current trends and policies, and forecasted changes in your area of the explosives substances and articles- related industry

K10 current trends and forecasted changes in your area of specialism and related areas

K11 your stakeholders, and the nature of their interest

K12 the requirements of the business plan and the business planning cycle

K13 the required format for the strategy

K14 the peer review process

K15 your own level of authority, and that of others with whom you work

K16 the requirements of confidentiality

Scope/range

These standards may be limited by the following;

1. Research requirements: current business needs; likely future requirements
2. Constraints: resources (human, financial, facilities); technology; suppliers; legislative changes
3. Expertise: from your own specialism; from other specialisms
4. Stakeholders: within your organization; outside your organization

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