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## Overview

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

You will be required to demonstrate that you can keep records of the ideas considered, and the justification for their selection or dismissal, acknowledging input from others. Ensuring that your programme addresses 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 (OME) work activities. This includes individuals working as research leaders.

This standard replaces COGESA1.7.

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

P3 ensure that your programme addresses the research strategy

P4 identify and address any operational constraints that could affect the research programme

P5 identify and express clearly in the research programme the aims, objectives, expected outcomes, timescale and resources to be used

P6 ensure that your outline budgets are realistic

P7 ensure that colleagues and stakeholders are fully involved in research programme preparation, and are briefed

P8 prioritize your proposed research activities within the programme, in line with the research strategy

P9 maintain the requirements of confidentiality at all times

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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 your organization's operational policies and objectives

K6 the requirements of the research strategy

K7 the business risks associated with the research programme

K8 current trends in your area of specialism and related areas

K9 your stakeholders and the nature of their interest

K10 the requirements of the programme planning cycle

K11 the different ways in which you might overcome any operational constraints

K12 any required formats for the research programme

K13 the peer review process

K14 your own level of authority, and that of others with whom you work K15 the requirements of confidentiality

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## Scope/range

These standards may be limited by the following;

1. Constraints: resources (human, financial, facilities); technology; suppliers; legislative changes
2. Stakeholders; within your organization; outside your organization

COGESAKR1.05

Prepare the research programme for explosive substances and/or articles



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<b>Relevant Occupations</b>	Engineering and Manufacturing Technologies, Process, Plant and Machine Operatives, Science and Engineering Technicians, Science and Mathematics Science
<b>Suite</b>	Explosive Substances and Articles: Research, Design and Development
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