

---

## Overview

This standard covers the competences you need to carry out pre-trial or pre-test tasks relating to explosive substances and/or articles in accordance with approved procedures and practices.

You will be required to demonstrate that you can confirm the availability and suitability of the equipment, consumables and services needed to complete the task ensuring that any necessary tests of the equipment have been carried out correctly 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 people working as supervisors in test and evaluation who both supervise and carry out pre-trial/test tasks.

---

## 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 allocate responsibilities appropriately
  - P3 confirm the availability and suitability of the equipment, consumables and services needed to complete the task
  - P4 ensure that any necessary tests of the equipment have been carried out correctly
  - P5 check that the work environment is suitable for the trial or test
  - P6 ensure that any necessary logistic arrangements are in place in accordance with your organization's procedures and the trial or test plan
  - P7 confirm the fitness for purpose of the trial or test plan and make any necessary amendments in the light of changes required, within your level of authority
  - P8 adhere to the relevant quality standards
  - P9 obtain approval or authorization for any necessary changes to the plan beyond your level of authority

---

## 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 the trial or test objectives
- K6 the trial or test plan
- K7 the way in which the trial or test plan may need to be changed, and the process for doing so
- K8 the competences of the personnel involved
- K9 the equipment, consumables and services needed to complete the task
- K10 the potential hazards associated with the trial or test
- K11 the relevant quality standards and compliance regime
- K12 your level of authority

---

**Scope/range**

1. Resources: equipment; consumables; services; work environment
2. Trial or test plan: where no changes are needed; where minor changes are needed (i.e. where changes may be made within the agreed level of authority); where significant changes are needed (i.e. where referral to management is needed)

|                     |        |
|---------------------|--------|
| <b>Developed by</b> | Cogent |
|---------------------|--------|

|                       |   |
|-----------------------|---|
| <b>Version Number</b> | 2 |
|-----------------------|---|

|                      |               |
|----------------------|---------------|
| <b>Date Approved</b> | November 2017 |
|----------------------|---------------|

|                               |               |
|-------------------------------|---------------|
| <b>Indicative Review Date</b> | November 2020 |
|-------------------------------|---------------|

|                 |         |
|-----------------|---------|
| <b>Validity</b> | Current |
|-----------------|---------|

|               |          |
|---------------|----------|
| <b>Status</b> | Original |
|---------------|----------|

|                                 |            |
|---------------------------------|------------|
| <b>Originating Organisation</b> | Cogent SSC |
|---------------------------------|------------|

|                     |            |
|---------------------|------------|
| <b>Original URN</b> | COGESA3.12 |
|---------------------|------------|

|                             |   |
|-----------------------------|---|
| <b>Relevant Occupations</b> | Engineering; Science; Science and Engineering Technicians; Science and mathematics Science; Process, Plant and Machine Operatives |
|-----------------------------|---|

|              |                                   |
|--------------|-----------------------------------|
| <b>Suite</b> | Explosive Substances and Articles |
|--------------|-----------------------------------|

|                 |   |
|-----------------|---|
| <b>Keywords</b> | Pre-trial, pre-test, tasks, explosives, health and safety, statutory legislation, regulations |
|-----------------|---|