
Overview

This standard covers the competences you need to implement the assembly and/or re-assembly of explosive substances and/or articles in accordance with approved procedures and practices.

You will be required to demonstrate that you can follow the relevant assembly procedures to carry out the required work safely and in the required sequence. Report any instances where the assembly activities cannot be fully met or where there are identified faults outside the planned task 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 people working as maintenance supervisors.

This standard replaces COGESA 5.8 and COGESA 5.9

Performance criteria

You must be able to:

P1 work safely at all times, complying with health and safety and other relevant regulations, legislation and guidelines

P2 follow the relevant maintenance procedures to carry out the required assembly work

P3 ensure that the tools used are fit for purpose

P4 carry out the assembly or re-assembly activities in the specified sequence and in an agreed time scale

P5 obtain all the required components and ensure that they meet the required specification

P6 take suitable precautions to prevent damage to components, tools and equipment during assembly

P7 make necessary settings or adjustments to the components to ensure that they will function correctly

P8 report any instances where the assembly activities cannot be fully met or where there are identified faults outside the planned task

P9 label, store or discard any removed components, in accordance with approved procedures

P10 complete the relevant maintenance records accurately, and pass them on to the appropriate person

P11 dispose of waste materials in accordance with safe working practices and approved procedures

P12 maintain the requirements of confidentiality at all times

P13 comply with the appropriate quality standards

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 functioning of the explosive substances and/or articles covered by the maintenance programme
- K5 the actions to be taken in response to an unplanned event
- K6 waste streams and disposal procedures
- K7 reporting lines and procedures
- K8 the competences of the personnel involved
- K9 the requirements of the maintenance policy, plan and procedures
- K10 component assembly or re-assembly methods and techniques as prescribed in the relevant documentation using the appropriate tools and in the correct sequence
- K11 your organization's and your customer's requirements
- K12 the timescales involved
- K13 the tools and test equipment to be used how to use them and additional diagnostic methods relevant to the test being carried out
- K14 equipment operating and care and control procedures
- K15 the risks associated with your work and their potential consequences, and how the contingency plan addresses these

K16 the implications, for the process or the system, of the quality of the different components within it

K17 configuration management procedures

K18 any confidentiality requirements

K19 the relevant quality standards and compliance regime

Scope/range

1 Level and extent of responsibility: assembly or re-assembly of the lowest sub-assembly and routine checks; carrying out non-routine assembly or re-assembly tasks on complex or non-complex systems.

2 Types of procedure and activities: non-critical routine assembly or re-assembly of explosive articles; critical non-routine assembly under the appropriate supervision.

COGESAKR5.06

Carry out the assembly or reassembly of explosive substances and/or articles



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