
Overview

This standard covers the competences you need to carry out the removal of explosive substances and/or articles (ESA), including components and sub-systems, in accordance with approved procedures and practices.

You will be required to demonstrate that you can safely remove the component/article, check condition, check for faults and record those that may require replacement. Report instances where the operation cannot be fully met or faults that are outside of the planned task. Prevent damage to components, tools and equipment during the process and complete the relevant records accurately and pass them on to the appropriate person for action.

You will work in a sustainable manner and follow the company policy and procedure for waste.

This activity is likely to be undertaken by someone whose work role involves Ordnance, Munitions and Explosives. This includes people working as explosives workers and maintenance supervisors.

This standard replaces COGESA 5.6 and COGESA 5.7

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 removal work

P3 ensure that the tools used are fit for purpose

P4 carry out the removal activities within the limits of your authority

P5 check the condition of the removed components, and record those that may require replacement

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

P7 report any instances where the removal activities cannot be fully met or where there are identified faults outside the planned task

P8 label, store or discard the removed components, in accordance with approved procedures

P9 complete the relevant maintenance records accurately and pass them on to the appropriate person for action.

P10 dispose of waste materials in accordance with safe working practices and approved procedures

P11 maintain the requirements of confidentiality at all times

P12 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 removal 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 system as a whole 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: removal of components and sub-assemblies for inspection, test or replacement.
2. Supporting fault diagnosis or the test and evaluation of equipment and interpret results
3. Assets or equipment to be removed: non-complex explosive components / articles. Complex explosive articles / sub-assemblies under the required supervision.
4. Types of removal procedures and activities: non-critical removal of explosive articles; critical removal where sign-off by a supervisor is required.

COGESAKR5.05

Carry out the removal of explosive substances and/or articles



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| Original URN | This standard replaces COGESA 5.6 and COGESA 5.7 |
| Relevant Occupations | Engineering and Manufacturing Technologies, Process, Plant and Machine Operatives, Science and Engineering Technicians, Science and Mathematics Science |
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