
Overview

This standard covers the competences you need to assess the feasibility of repair to an explosive substance and/or article (ESA). This includes the internal and external packaging, in accordance with approved procedures and practices.

You will be required to demonstrate that you can assess the amount and level of wear or damage to the component or package and determine the work required to bring the component back to the specified condition, complying with the appropriate quality standards 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 managers and supervisors.

This standard replaces COGESA 5.10

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 process for the explosive substance and/or article to be repaired

P3 assess the amount and level of wear or damage to the component / package and determine the work required to bring the component back to the specified condition

P4 report on findings and conclusions on the feasibility and cost effectiveness of repairs

P5 seek approval to conduct the repair, through the appropriate channels

P6 maintain the requirements of confidentiality at all times

P7 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 design and functioning of the explosive substance or article

K5 the packaging requirements and instructions

K6 the actions to be taken in response to an unplanned event

K7 the customer's objectives and needs

K8 how to interpret engineering specifications and how these inform your recommendations

K9 how to assess the condition of components/packages for re-use

K10 how to determine the feasibility and viability of repairs

K11 repair methods, techniques and procedures

K12 reporting lines and your own level of authority

K13 record keeping and documentation procedures

K14 equipment operating and care and control procedures

K15 waste streams and disposal procedures

K16 the tools and test equipment to be used, how to use them, and any additional diagnostic methods that might be needed to support your recommendations

K17 how to carry out a risk assessment

K18 the implications, for the process or system, of the quality of the different components within it

K19 configuration management procedures

K20 any confidentiality requirements

K21 the relevant quality standards and compliance regime

Scope/range

1. Types of component to be assessed for repair: standard repairs; non- standard repairs
2. Recommendations: to be repaired to full operational standard; to be repaired to a lower requirement for restricted use; to be disposed of.

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