
Overview

This standard exists within an explosives safety management role and covers the competences you need to analyse and identify aggregated hazards and risks for explosives in accordance with approved procedures and practices.

You will be required to demonstrate that you can determine whether there are interactions between the individual risks evaluate the potential safety consequences of identified interactions ensuring that all hazards have been identified 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 individuals working as explosives safety advisers, regulators and procurement managers and supervisors.

This NOS replaces COGESA2.12

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 ensure that all the information is current, complete and accurate

P3 validate the separate risk assessments

P4 determine whether there are interactions between the individual risks

P5 evaluate the potential safety consequences of identified interactions

P6 ensure that all hazards have been identified

P7 obtain any necessary approval to your analysis

P8 report your findings in the appropriate format in accordance with organizational procedures

P9 maintain the documentation requirements

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 operation

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 the safety management system for explosives

K6 your organization's explosives-related business objectives and activities

K7 your organization's explosives-related structure and systems

K8 information sources and documentation that pertain to the explosive substance and/or article, and the relevant risk assessment(s)

K9 the hazard and risk assessment priorities

K10 your available resources and any constraints attached to them

K11 the competence of the personnel involved

K12 hazard identification and analysis techniques

K13 risk assessment techniques

K14 the role of peer review

K15 the importance of documenting your actions and rationale

Scope/range

1. Hazards and risks caused: by the complexity of the activity; to the explosive; from the explosive
2. Hazards and risk: high negative consequence; low negative consequence

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