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## Overview

This standard exists with an explosives safety management role and covers the competences you need to determine and recommend the classification of explosive substances and/or articles in accordance with approved procedures and practices.

Classification is the technical process that identifies and considers the hazards posed by explosive, substances and articles (ESA). You will use your knowledge to recommend the classification of ESA before they can be transported within the UK. The process involves assessing ESA to determine the danger of fire or explosion that would jeopardise safe transport, such as; the response to heat and flame, the response to impact and friction, the response to dropping ESA whether unpackaged or packaged.

You will recommend if the ESA can be classified in accordance with Class 1 of the UN classification scheme. You will be required to demonstrate that you can identify the nature and scale of the hazards posed by the explosive substance or article, ensuring that the classification is consistent with the information provided in accordance with approved procedures and practices.

This activity is likely to be undertaken by someone whose work role involves Ordnance, Munitions or Explosives (OME) work activities. This includes individuals working as explosives safety managers, advisers and regulators.

This NOS replaces COGESA2.02 and COGESA2.03

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## 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 identify and gather available information, relevant to the explosive substance or article and its packaging, to be classified

P3 evaluate the accuracy, completeness and validity of the information

P4 identify the nature and scale of the hazards posed by the explosive substance or article

P5 ensure that the classification is consistent with the information provided

P6 specify unambiguously caveats that are proportionate to the hazards

P7 obtain confirmation of the correctness of your classification

P8 inform applicants promptly of the classification decision and caveats

P9 maintain records appropriately

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## 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 substances and/or articles

K4 the actions to be taken in response to an unplanned event

K5 your organization's classification application process

K6 the information needed in order to classify explosive substances and articles

K7 sources of information and relevant guidance

K8 how to evaluate and validate information

K9 the hazard assessment process

K10 packaging characteristics

K11 the different hazard divisions and compatibility groups, and their significance

K12 when and why caveats should be applied

K13 the role of peer review

K14 the documentation requirements

K15 the importance of documenting your actions and your rationale

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## Scope/range

1.  
Applications: with complete information; with incomplete information
2.  
Caveats: when caveats should be applied; when no caveats are needed

COGESAKR2.02

Determine and recommend the classification of explosive substances and/or articles



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