

Overview

This standard identifies the competences you need to make recommendations for the classification of explosive substances and/or articles.

Your responsibilities will require you to gather relevant information about the explosive and its packaging, identify the nature and scale of the hazards and ensure that your recommendations are consistent with the information. The information provided may be complete or incomplete. You will be making recommendations about new classifications or re-classifications. You will be required to report any problems with the explosive safety management activities that you cannot personally resolve or that are outside your permitted authority to the relevant people. You will be expected to work to verbal/written instructions and standard operating procedures with a minimum of supervision, taking personal responsibility for your own actions and for the quality and accuracy of the work that you and your team carry out.

Your underpinning knowledge will be sufficient to provide a sound basis for your work and will enable you to adopt an informed approach to hazard assessment, validating information and understanding packaging characteristics, the different hazard divisions and compatibility groups and their significance. You will have an understanding of the attributes and behaviours required for working safely in adequate depth to provide a sound background for carrying out the safety management activities to the required specification.

You will understand the precautions required when carrying out the safety management activities for explosive substances and articles. You will be required to demonstrate safe working practices throughout and will understand your responsibility for taking the necessary safeguards to protect yourself and others in the workplace.

This activity is likely to be undertaken by someone whose work role involves Weapons, Ordnance, Munitions or Explosives work activities. This includes individuals working as explosives safety supervisors.

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 information relevant to the explosive substance or article and its packaging
 - P3 identify the nature and scale of the hazards posed by the explosive substance or article
 - P4 confirm the accuracy and completeness of the information
 - P5 ensure that your recommendations for the classification submission are consistent with the information provided
 - P6 maintain records in accordance with your organization's procedures

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 validate information
 - K9 the hazard assessment process
 - K10 packaging characteristics
 - K11 the different hazard divisions and compatibility groups and their significance
 - K12 the importance of documenting your actions and your rationale

Scope/range

1 Information: complete; incomplete
new; re-classifications

2 classifications:

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Status	Original
Originating Organisation	SEMTA
Original URN	Unit 2.2A
Relevant Occupations	Science and mathematics Science; Science; Engineering; Science and Engineering Technicians; Process, Plant and Machine Operatives
Suite	Explosive Substances and Articles
Keywords	Health, safety and environmental, statutory legislation, regulations, classification application process, nature, characteristics, hazards and risks, unplanned event,