



Australian Government

AVIF0015 Apply awareness of dangerous goods and hazardous substances in the transport security environment

Release: 1

AVIF0015 Apply awareness of dangerous goods and hazardous substances in the transport security environment

Modification History

Release 1. This is the first release of this unit of competency in the AVI Aviation Training Package.

Application

This unit involves the skills and knowledge required to apply awareness of dangerous goods and hazardous substances in the transport security environment in compliance with relevant regulatory requirements and national operating standards.

It includes identifying appropriate legislation for transporting dangerous goods and hazardous substances, separating dangerous goods and hazardous substances and dealing with incidents involving dangerous goods and hazardous substances.

This unit addresses transport security technical skill requirements (physical, mental and task-management abilities) related to transport security duties, and contributes to safe and effective performance in complex transport security operational environments.

Operations are conducted as part of recreational, commercial, military aircraft, maritime and transport activities across a variety of operational contexts within the Australian transport security industry.

Work is performed independently or under limited supervision as a single operator or within a team environment.

Licensing, legislative, regulatory or certification requirements are applicable to this unit.

Pre-requisite Unit

Not applicable.

Competency Field

F – Safety Management

Unit Sector

Not applicable.

Elements and Performance Criteria

ELEMENTS

Elements describe the essential outcomes.

1 Identify appropriate legislation for transporting dangerous goods and hazardous substances

2 Separate dangerous goods and hazardous substances

3 Deal with incidents involving dangerous goods and hazardous substances

PERFORMANCE CRITERIA

Performance criteria describe the performance needed to demonstrate achievement of the element.

1.1 Legislation and organisational policies and procedures for transporting hazardous substances and dangerous goods are identified and accessed

1.2 Labelling of different types of dangerous goods and hazardous substances is identified from accessed documentation

1.3 Hazardous loads are identified from transport manifests

2.1 Hazardous substances and dangerous goods class and subsidiary risk information is identified

2.2 Hazardous substances and dangerous goods are correctly separated in accordance with relevant documentation, and class and subsidiary risk information as required

3.1 Information is obtained about dangerous goods and hazardous substances involved

3.2 Hazards are identified, risks are assessed and risk control measures are implemented

3.3 Documentation is checked for compliance with separation rules as required, in accordance with organisational procedures

3.4 Information about dangerous goods and hazardous substances is relayed to appropriate people and authorities

Foundation Skills

Foundation skills essential to performance are explicit in the performance criteria of this unit of competency.

Range of Conditions

Range is restricted to essential operating conditions and any other variables essential to the work environment.

Unit Mapping Information

This is a new unit of competence.

Links

Companion Volume Implementation Guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=4725260a-0af3-4daf-912b-ef1c2f3e5816>

Assessment Requirements for AVIF0015 Apply awareness of dangerous goods and hazardous substances in the transport security environment

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Performance Evidence

Evidence required to demonstrate competence in this unit must be relevant to and satisfy all of the requirements of the elements, performance criteria and range of conditions on at least one occasion and include:

- identifying dangerous goods and hazardous substance labels
- interpreting relevant instructions, procedures, information and signs
- identifying containers and goods coding, markings and emergency information panels
- checking relevant dangerous goods and/or hazardous substances segregation in accordance with class and subsidiary risk information/documentation
- identifying job hazards and taking required action to minimise, control or eliminate identified hazards
- implementing contingency plans
- completing relevant documentation
- communicating effectively with others.

Knowledge Evidence

Evidence required to demonstrate competence in this unit must be relevant to and satisfy all of the requirements of the elements, performance criteria and range of conditions and include knowledge of:

- relevant national, state/territory regulations and codes of practice for identifying and labelling dangerous goods and hazardous substances, including appropriate sections of the current Australian Dangerous Goods (ADG) Code and other applicable legislation
- dangerous goods/hazardous substances using labels, International Maritime Dangerous Goods (IMDG) Code markings, HAZCHEM signs and other relevant identification criteria
- problems that may arise when handling dangerous goods and hazardous substances and actions that should be taken to prevent or solve these problems
- workplace procedures for handling and storing dangerous goods/hazardous substances
- segregation requirements for dangerous goods/hazardous substances
- dangerous goods as per Civil Aviation Safety Authority (CASA) lists.

Assessment Conditions

As a minimum, assessors must satisfy applicable regulatory requirements, which include requirements in the Standards for Registered Training Organisations current at the time of assessment.

As a minimum, assessment must satisfy applicable regulatory requirements, which include requirements in the Standards for Registered Training Organisations current at the time of assessment.

Assessment processes and techniques must be appropriate to the language, literacy and numeracy requirements of the work being performed and the needs of the candidate.

Assessment must occur in workplace operational situations. Where this is not appropriate, assessment must occur in simulated workplace operational situations that reflect workplace conditions.

Resources for assessment must include access to:

- a range of relevant exercises, case studies and/or simulations
- acceptable means of simulation assessment
- applicable documentation including workplace procedures, regulations, codes of practice and operation manuals
- relevant materials, tools, equipment and personal protective equipment currently used in industry.

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