



Australian Government

AVIF2012 Monitor the transfer of hazardous materials

Release: 1

AVIF2012 Monitor the transfer of hazardous materials

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 monitor the transfer of hazardous materials, in compliance with relevant regulatory requirements of the Civil Aviation Safety Authority (CASA) and national operating standards.

It includes monitoring the transfer of hazardous materials on an aerodrome, and responding to a hazardous materials incident.

This unit addresses aviation technical skill requirements (physical, mental and task-management abilities) related to safety management duties of ground operations personnel, and contributes to safe and effective performance in complex aviation operational environments.

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

Use for Defence Aviation is in accordance with relevant Defence Orders and Instructions.

Pre-requisite Unit

Not applicable.

Competency Field

F – Safety Management

Unit Sector

Not applicable.

Elements and Performance Criteria

ELEMENTS

PERFORMANCE CRITERIA

Elements describe the essential outcomes.

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

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| 1 Monitor the transfer of hazardous materials on an aerodrome | 1.1 Location and timing of transfer is determined
1.2 Hazards are identified, risks are assessed and hazard management is implemented
1.3 Transfer of hazardous material is monitored to ensure compliance with standard operating procedures
1.4 Breaches of standard operating procedures are logged and reported
1.5 Apron areas are inspected for serviceability and identified spills, leakages or damage are reported |
| 2 Respond to a hazardous materials incident | 2.1 Correct category of spill is determined
2.2 Incident is reported to appropriate emergency response agency as required
2.3 Safety information on handling hazardous materials is located and utilised
2.4 Operational procedures and equipment for responding to a hazardous materials incident are employed
2.5 Notice to Airman (NOTAM) advisory action is taken or cancelled as required
2.6 Awareness of work health and safety (WHS)/occupational health and safety (OHS) and environmental implications of a spill is maintained
2.7 Spill clean-up or control operations are supervised
2.8 Hazardous material incident register and records are maintained |

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.

Equipment must include one or more of the following:

- radio
- telephone
- vehicle with flashing light
- markers
- lights
- maintenance equipment
- barricades
- sandbags
- fire extinguishers
- spills response kit

Safety information must include one or more of the following:

- Airport Emergency Plan and Procedures
- aerodrome manual
- Australian Standards
- logbooks
- Notice to Airmen (NOTAM)
- safety information and guidance material on hazardous materials
- safety data sheets (SDSs)/material safety data sheets (MSDSs)

Hazardous materials will include one or more of the following:

- fuel
- dangerous goods
- explosives
- ammunition
- sewerage

Unit Mapping Information

This unit replaces and is equivalent to AVIF2012A Monitor the transfer of hazardous materials.

Links

Companion Volume implementation guides are found in VETNet -

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