



Australian Government

PUAFIR010 Operate small equipment to prepare and load product into aircraft

Release: 1

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Modification History

Release 1.0 This is the first release of this unit of competency in the PUA Public Safety Training Package.

Application

This unit of competency involves the skills and knowledge to operate small equipment and to prepare and load product into aircraft tanks as part of an incident response strategy. It includes working safely with product, protecting water supplies and the environment, operating and maintaining small equipment to prepare and load product, loading product into aircraft and responding to product spillage.

Product may include fire retardant, a fire suppressant such as foam, gel, or water (without additive). It may also be an oil spill dispersant or other product. Some products, such as water, will require minimum preparation and work may be undertaken under limited supervision. The preparation of other products such as fire retardant will be more technical and therefore, preparation may need to be undertaken under supervision within a team environment.

A wide range of small equipment is used to prepare and load product. A trained person will need to receive an induction where the preparation and loading involves product and/or equipment with which they are unfamiliar.

This unit is applicable to personnel working at an airbase and operating small equipment to prepare and load product into aircraft for dispersal as part of an incident management strategy. Authorisation to perform this function is subject to organisational policies and procedures.

The fire sector is those sections of government departments, statutory authorities or agencies that have responsibility under jurisdictional arrangements for the delivery of firefighting and fire management services.

No licensing, legislative or certification requirements apply to this unit at the time of publication.

Pre-requisite Unit

It is essential that the prerequisite units listed below are obtained prior to the issuance of this unit to individuals with the fire sector or the units contributing to the attainment of a fire qualification.

PUAFIR017 Work safely around aircraft

Competency Field

Fire

Unit Sector

Fire

Elements and Performance Criteria

ELEMENTS	PERFORMANCE CRITERIA
Elements describe the essential outcomes	Performance criteria describe the performance needed to demonstrate achievement of the element.
1 Work safely with product	1.1 Work, Health and Safety (WHS)/Occupational Health and Safety (OHS) requirements are implemented 1.2 Organisational procedures for preparing and loading product are followed 1.3 Personal protective clothing and equipment suitable for the product being used is worn and used correctly 1.4 Site and job hazards are identified and reported, risks are assessed and control measures are implemented
2 Protect water supplies and the environment	2.1 Site for preparing and loading product is located to ensure water supplies and the environment are not contaminated 2.2 Preventative actions are undertaken to protect water supplies and the environment
3 Operate and maintain small equipment to prepare and load product	3.1 Small equipment for preparing and/or loading product is set up and operated in accordance with manufacturers' instructions 3.2 Issues with operation of equipment are resolved through systematic checking of factors that may affect operation 3.3 Equipment is cleaned and maintained in accordance with manufacturers' instructions.
4 Load product into aircraft	4.1 Equipment required to load product is attached to aircraft under pilot supervision

- 4.2 Product is transferred to aircraft under pilot supervision
 - 4.3 Equipment is cleaned, as required, at the conclusion of the operation
- 5 Respond to product spillage
 - 5.1 Appropriate organisational procedures are implemented for product spillage
 - 5.2 Emergency and first aid procedures on Safety Data Sheets for product are followed
 - 5.3 Persons affected by product spillage are washed using eye, hand and shower facilities, as appropriate, and a report is filed

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.

Non-essential conditions may be found in the PUA Public Safety Training Package Companion Volume Implementation Guide.

Unit Mapping Information

This is a newly created unit, there is no equivalent unit.

Links

Companion Volume Implementation Guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=3eca5672-6d5a-410b-8942-810d0ba05bbf>