



Australian Government

MEA41222 Certificate IV in Aeroskills (Armament)

Release 1

MEA41222 Certificate IV in Aeroskills (Armament)

Modification History

Release 1. Supersedes and is equivalent to MEA41218 Certificate IV in Aeroskills (Armament). Unit codes updated.

Qualification Description

This qualification applies to members of the Australian Defence Force (ADF) who perform scheduled inspections, fault diagnosis and repair, and modification of aircraft egress, stores management and stores suspension systems and system components, and maintenance of guided weapons. It should be noted that employment in this field also involves the attainment of a range of competencies in the explosive ordnance field. The explosive ordnance units of competency are in the DEF Defence Training Package and in the TLI Transport and Logistics Training Package and are not included in this qualification, other than five units dealing with safe handling of explosive ordnance that are required for the maintenance of egress systems and cartridge operated fire extinguishing systems in aircraft.

The qualification applies to aircraft maintenance performed on flight lines and in hangars/workshops.

The qualification consists of:

- common units that apply to all Aeroskills specialist streams at Certificate III and IV levels
- avionic technical stream units relating to aircraft system and component maintenance
- one mechanical technical stream unit
- armament technical stream units
- imported units.

The qualification provides a number of credits towards other Aeroskills Certificate IV qualifications and towards the MEA50422 Diploma of Aviation Maintenance Management and the MEA60222 Advanced Diploma of Aviation Maintenance Management.

This qualification applies to workplaces that operate under the airworthiness regulatory systems of the Defence Aviation Safety Authority (DASA) and the Civil Aviation Safety Authority (CASA). Any regulatory/licensing requirements associated with any MEA units of competency must be met.

Entry Requirements

ADF Armament trainees.

Packaging Rules

To be awarded the MEA41222 Certificate IV in Aeroskills (Armament), competency must be demonstrated in 20 units of competency, consisting of:

- 13 core units
- 7 elective units.

Core Units

Unit Code	Unit Title	Prerequisites
DEFEXO001	Work safely with explosive ordnance	
MEA107	Interpret and use aviation maintenance industry manuals and specifications	
MEA118	Conduct self in the aviation maintenance environment	
MEA154	Apply work health and safety practices in aviation maintenance	
MEA155	Plan and organise aviation maintenance work activities	MEA154
MEA156	Apply quality standards during aviation maintenance activities	MEA107, MEA154,
MEA157	Complete aviation maintenance industry documentation	
MEA158	Perform basic hand skills, standard trade practices and fundamentals in aviation maintenance	
MEA201	Remove and install miscellaneous aircraft electrical hardware/components	MEA107, MEA154, MEA155, MEA156, MEA157, MEA158
MEA246	Fabricate and/or repair aircraft electrical hardware or parts	MEA201, MEA296
MEA296	Use electrical test equipment in aviation maintenance activities	MEA107, MEA154, MEA155, MEA156, MEA157, MEA158
MEAAVI0038	Use electronic test equipment	MEA107, MEA154, MEA155, MEA156, MEA157, MEA158
MSMENV272	Participate in environmentally sustainable work practices	

Complete 7 elective units.

Elective Units

Unit code	Unit title	Prerequisites
AVIF0044	Marshal aircraft	
DEFEXO005	Package explosives	
DEFEXO006	Unpackage explosives	
DEFEXO008	Conduct explosive inspection	
DEFEXO052	Maintain cartridge operated fire extinguisher systems	
MEA203	Remove and install advanced aircraft electrical system components	MEA201
MEA294	Inspect, test and troubleshoot advanced aircraft electrical systems and components	MEA203
MEA301	Perform aircraft flight servicing	MEA104, MEA107, MEA154, MEA155 MEA157, MEA158
MEAARM0001	Maintain aircraft egress systems	DEFEXO001, MEA107 MEA154, MEA155 MEA156, MEA157, MEA158
MEAARM0002	Remove and install aircraft stores management system components	DEFEXO001, MEA107 MEA154, MEA155 MEA156, MEA157, MEA158
MEAARM0003	Remove and install aircraft stores suspension system components	DEFEXO001, MEA107 MEA154, MEA155 MEA156, MEA157, MEA158
MEAARM0004	Inspect, test and troubleshoot aircraft stores management systems and components	MEAARM0002
MEAARM0005	Inspect, test and troubleshoot aircraft stores suspension systems and components	MEAARM0003

Qualification Mapping Information

Release 1. Supersedes and is equivalent to MEA41218 Certificate IV in Aeroskills (Armament) (Release 1).

Links

Companion Volume implementation guides are found in VETNet - -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=ce216c9c-04d5-4b3b-9bcf-4e81d0950371>