



Australian Government

MEA41215 Certificate IV in Aeroskills (Armament)

Release 1

MEA41215 Certificate IV in Aeroskills (Armament)

Modification History

Release 1 - New qualification

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 DEF12 Defence Training Package and in the TLI10 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 defines the exit from training and may apply 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 MEA50315 Diploma of Aviation Maintenance Management (Avionics) and the MEA60115 Advanced Diploma of Aviation Maintenance Management (Avionics).

This qualification applies to workplaces that operate under the airworthiness regulatory systems of the ADF 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 MEA41215 Certificate IV in Aeroskills (Armament), competency must be demonstrated in **twenty (20)** units of competency, as follows:

- **thirteen (13)** core units consisting of common, imported and technical stream units
- **seven (7)** elective units consisting of imported and technical stream units selected from electives Group A.

Core units of competency

Unit code	Unit title	Prerequisites
MEA101	Interpret work health and safety practices in aviation maintenance	
MEA103	Plan and organise aviation maintenance work activities	MEA101, MEA105 MEA107, MEA108
MEA105	Apply quality standards applicable to aviation maintenance processes	MEA101, MEA107
MEA107	Interpret and use aviation maintenance industry manuals and specifications	
MEA108	Complete aviation maintenance industry documentation	MEA105
MEA109	Perform basic hand skills, standard trade practices and fundamentals in aviation maintenance	MEA105, MEA108
MEA118	Conduct self in the aviation maintenance environment	
MEA201	Remove and install miscellaneous aircraft electrical hardware/components	MEA101, MEA103 MEA105, MEA107 MEA108, MEA109
MEA246	Fabricate and/or repair aircraft electrical hardware or parts	MEA201, MEA260
MEA260	Use electrical test equipment	MEA101, MEA103 MEA105, MEA107 MEA108, MEA109
MEA261	Use electronic test equipment	MEA101, MEA103 MEA105, MEA107 MEA108, MEA109

Unit code	Unit title	Prerequisites
MSAENV272B	Participate in environmentally sustainable work practices	
DEFEO101D	Work safely with explosive ordnance	

Elective units of competency

Group A

- Complete **seven (7)** of the listed imported and technical stream units while observing the unit prerequisite requirements.

Unit code	Unit title	Prerequisites
MEA203	Remove and install advanced aircraft electrical system components	MEA201
MEA211	Inspect, test and troubleshoot advanced aircraft electrical systems and components	MEA203, MEA246
MEA301	Perform aircraft flight servicing	MEA101, MEA103 MEA104, MEA107 MEA108, MEA109
MEA601	Maintain aircraft egress systems	MEA101, MEA103 MEA105, MEA107 MEA108, MEA109 DEFEO101D
MEA602	Remove and install aircraft stores management system components	MEA101, MEA103 MEA105, MEA107 MEA108, MEA109 DEFEO101D
MEA603	Remove and install aircraft stores suspension systems and components	MEA101, MEA103 MEA105, MEA107 MEA108, MEA109 DEFEO101D
MEA604	Inspect, test and troubleshoot aircraft stores management systems and components	MEA602
MEA605	Inspect, test and troubleshoot aircraft stores suspension systems and components	MEA603

Unit code	Unit title	Prerequisites
AVIF3016A	Marshal aircraft	
DEFEO301D	Package ammunition	
DEFEO302D	Unpackage ammunition	
DEFEO501D	Conduct explosive ordnance inspection	
DEFEO718C	Maintain cartridge operated fire extinguishing systems	

Qualification Mapping Information

Supersedes and is equivalent to MEA41213 Certificate IV in Aeroskills (Armament)

Links

MSA Training Package Implementation Guides - <http://mskills.org.au/training-packages/info/>