



**Australian Government**

# **MEA20418 Certificate II in Aeroskills**

**Release: 1**

## MEA20418 Certificate II in Aeroskills

### Modification History

Release 1. Supersedes and equivalent to MEA20415 Certificate II in Aeroskills. Unit codes updated.

### Qualification Description

This qualification applies to employees in aviation maintenance workshops who are required to perform repair and overhaul tasks on a limited range of aircraft electrical, hydraulic, pneumatic, electro-hydraulic and electro-pneumatic components, or who perform simple repairs on a limited range of structural components.

Units of competency that comprise this qualification are a mix of common units that apply to all technical employment streams covered by the MEA Aeroskills Training Package (core units) and technical stream units that are specific to a technical employment stream (elective units).

The qualification provides significant credits towards higher level Aeroskills Certificates.

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

### Entry Requirements

Not applicable

### Packaging Rules

To be awarded the MEA20418 Certificate II in Aeroskills, competency must be demonstrated in one of:

Avionic: **Twelve (12)** units consisting of **eight (8)** core units plus **three (3)** units from elective Group A and **one (1)** unit from either Group B or Group C

Mechanical: **Twelve (12)** units consisting of **eight (8)** core units plus **three (3)** units from elective Group B and **one (1)** unit from either of Groups A and C

Structures: **Eleven (11)** units consisting of **eight (8)** core units plus **two (2)** units from elective Group C and **one (1)** unit from either of Groups A and B.

## Core units of competency

Unit code	Unit title	Prerequisites
MEA107	Interpret and use aviation maintenance industry manuals and specifications	
MEA117	Apply 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	MEA154, MEA107
MEA157	Complete aviation maintenance industry documentation	
MEA158	Perform basic hand skills, standard trade practices and fundamentals in aviation maintenance	
MSMENV272	Participate in environmentally sustainable work practices	

## Elective units of competency

### Group A

Unit code	Unit title	Prerequisites
MEA238	Perform routine removal and installation of miscellaneous aircraft electrical hardware/components	MEA154, MEA155 MEA156, MEA107 MEA157, MEA158
MEA239	Fabricate aircraft electrical looms and harnesses	MEA154, MEA155 MEA156, MEA107 MEA157, MEA158
MEA295	Use electrical test equipment to perform basic	MEA154, MEA155

Unit code	Unit title	Prerequisites
	electrical tests on aircraft and components	MEA156, MEA107 MEA157, MEA158

### Group B

Unit code	Unit title	Prerequisites
MEA329	Maintain aircraft basic hydraulic and pneumatic components or parts	MEA154, MEA155 MEA156, MEA107 MEA157, MEA158
MEA330	Maintain aircraft non-primary structural removable components or parts and internal fittings	MEA154, MEA155 MEA156, MEA107 MEA157, MEA158
MEA331	Maintain aircraft gas turbine engine components or parts	MEA154, MEA155 MEA156, MEA107 MEA157, MEA158
MEA332	Maintain aircraft mechanical components or parts	MEA154, MEA155 MEA156, MEA107 MEA157, MEA158
MEA333	Maintain aircraft piston engine components or parts	MEA154, MEA155 MEA156, MEA107 MEA157, MEA158

### Group C

Unit code	Unit title	Prerequisites
MEA406	Repair/modify aircraft non-primary structural sheet metal components	MEA154, MEA155 MEA156, MEA107 MEA157, MEA158

<b>Unit code</b>	<b>Unit title</b>	<b>Prerequisites</b>
MEA407	Repair/modify aircraft non-primary structural non-metallic components	MEA154, MEA155 MEA156, MEA107 MEA157, MEA158

## Qualification Mapping Information

Release 1. Supersedes and equivalent to MEA20415 Certificate II in Aeroskills.

## Links

Companion Volume implementation guides are found in VETNet -  
<https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?docId=ce216c9c-04d5-4b3b-9bcf-4e81d0950371&n=Aeroskills%20Training%20Package>