



Australian Government

MEA20518 Certificate II in Aircraft Line Maintenance

Release 2

MEA20518 Certificate II in Aircraft Line Maintenance

Modification History

Release 2. Qualification description updated. Supersedes and equivalent to MEA20518 Certificate II in Aircraft Line Maintenance (Release 1).

Release 1. Supersedes and equivalent to MEA20515 Certificate II in Aircraft Line Maintenance. Unit codes updated.

Qualification Description

This qualification is applicable to employees of airlines and other operators of piston, jet and turbo-propeller aircraft and helicopters who are required to hold a Civil Aviation Safety Authority (CASA) A Licence to perform and certify a range of specified maintenance tasks that can be performed with the aircraft on a flight line or at the departure gate. On completion of the required maintenance tasks the individual is authorised to release the aircraft to service.

The qualification satisfies CASA requirements for the grant, under Civil Aviation Safety Regulation (CASR) Part 66 of an Aircraft Maintenance Engineer A Licence when:

- the skill and knowledge requirements align with CASA syllabus requirements described under 'Licensing' in the Companion Volume Implementation Guide
- training has been delivered in accordance with the requirements of CASR Part 147.

The units of competency that comprise this qualification consist of a mix of:

- common units that are applicable to all of the employment streams covered by the MEA Aeroskills Training Package or are of an administrative nature relating to the CASA A Licence
- a combination of Avionic, Mechanical and Structures Technical Stream units that apply to the range of tasks performed by the holders of CASA A Licences.

This qualification provides a number of credits towards higher level Aeroskills Certificates and towards the MEA50219 Diploma of Aeroskills (Mechanical) which is required for the grant of a CASA B1 Licence.

Entry Requirements

Not applicable

Packaging Rules

To be awarded the MEA20518 Certificate II in Aircraft Line Maintenance, competency must be demonstrated in **fifteen (15)** units of competency, as follows:

fourteen (14) core units made up of common, imported and technical stream units

one (1) unit from elective Group A chosen according to the CASA A Licence that is being sought.

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	
MEA119	Perform administrative processes to prepare for certification of civil aircraft A level line maintenance	All Certificate II units relevant to the applicable A Licence
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	
MEA264	Remove and install aircraft electrical/avionic components during line maintenance	MEA265
MEA265	Remove and install general aircraft electrical hardware	MEA154, MEA155 MEA156, MEA107 MEA157, MEA158
MEA295	Use electrical test equipment to perform basic electrical tests on aircraft and components	MEA154, MEA155 MEA156, MEA107 MEA157, MEA158
MEA344	Remove and install aircraft components	MEA154, MEA155 MEA156, MEA107 MEA157, MEA158

Unit code	Unit title	Prerequisites
MEA418	Perform basic repair of aircraft internal fittings during line maintenance	MEA154, MEA155 MEA156, MEA107 MEA157, MEA158
MSMENV272	Participate in environmentally sustainable work practices	

Elective units of competency

Group A

Unit code	Unit title	Prerequisites	Unit applicability
MEA345	Perform scheduled line maintenance activities on gas turbine engine fixed wing aircraft	MEA154, MEA155 MEA156, MEA107 MEA157, MEA158	Mandatory where A1 Licence is sought
MEA346	Perform scheduled line maintenance activities on gas turbine engine rotary wing aircraft	MEA154, MEA155 MEA156, MEA107 MEA157, MEA158	Mandatory where A3 Licence is sought
MEA347	Perform scheduled line maintenance activities on piston engine fixed wing aircraft	MEA154, MEA155 MEA156, MEA107 MEA157, MEA158	Mandatory where A2 Licence is sought
MEA348	Perform scheduled line maintenance activities on piston engine rotary wing aircraft	MEA154, MEA155 MEA156, MEA107 MEA157, MEA158	Mandatory where A4 Licence is sought

Qualification Mapping Information

Release 2. Supersedes and equivalent to MEA20518 Certificate II in Aircraft Line Maintenance (Release 1).

Release 1. Supersedes and equivalent to MEA20515 Certificate II in Aircraft Line Maintenance.

Links

Companion Volume implementation guides are found in VETNet -

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