



Australian Government

MEA40922 Certificate IV in Aircraft Surface Finishing

Release 1

MEA40922 Certificate IV in Aircraft Surface Finishing

Modification History

Release 1. Supersedes and is equivalent to MEA40918 Certificate IV in Aircraft Surface Finishing. Unit codes and titles updated.

Qualification Description

This qualification applies to employees of aircraft repair and overhaul organisations or members of the Australian Defence Force (ADF) engaged in either the supervision of aircraft surface finishing activities or working in an environment where a significant degree of multi-skilling is required in component removal and installation and/or the performance of a specified range of repair tasks.

The qualification consists of:

- common and imported units that apply to all Aeroskills specialist streams at Certificate III and IV levels
- mandatory surface finishing technical stream and imported units that also apply at Certificate III level
- elective units to be selected according to employment need from listed common units, mechanical and structures technical stream units and an imported unit.

The qualification also provides credits towards the MEA50422 Diploma of Aviation Maintenance Management and the MEA60222 Advanced Diploma of Aviation Maintenance Management. A limited number of credits are also provided towards the MEA50219 Diploma of Aeroskills (Mechanical).

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

Nil

Packaging Rules

To be awarded the MEA40922 Certificate IV in Aircraft Surface Finishing, competency must be demonstrated in 21 units of competency, consisting of:

- 17 core units
- 4 elective units, chosen according to the unit selection guidelines.

CORE UNITS

Unit code	Unit title	Prerequisites
AURVTP103	Prepare vehicle spray painting equipment for use	
AURVTP112	Apply air dry and polyurethane refinishing materials	
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	MEA154, MEA107
MEA157	Complete aviation maintenance industry documentation	
MEA158	Perform basic hand skills, standard trade practices and fundamentals in aviation maintenance	
MEASTR0006	Remove surface coatings from aircraft or aircraft components	MEA107, MEA154, MEA155, MEA156, MEA157, MEA158
MEASTR0007	Pre-treat aluminium alloy surfaces	MEA154, MEA155 MEA156, MEA107 MEA157, MEA158
MEASTR0008	Seal aircraft and aircraft component structural seams	MEA154, MEA155 MEA156, MEA107 MEA157, MEA158
MEASTR0009	Remove light corrosion from aircraft	MEA154, MEA155 MEA156, MEA107 MEA157, MEA158

MEASTR0010	Paint aircraft surfaces	MEA154, MEA155 MEA156, MEA107 MEA157, MEA158 AURVTP103, AURVTP112
MEASTR0011	Apply aircraft identification markings, graphics and decals	MEA154, MEA155 MEA156, MEA107 MEA157, MEA158
MEASTR0012	Apply specialty coatings to aircraft	MEA154, MEA155 MEA156, MEA107 MEA157, MEA158
MSMENV472	Implement and monitor environmentally sustainable work practices	

ELECTIVE UNITS

Choose 4 units while observing the unit selection guidelines in column 4.

Unit code	Unit title	Prerequisites	Unit Selection Guidelines
MEA113	Supervise civil aircraft maintenance activities and manage human resources in the workplace	Completion of all applicable Certificate IV units	
MEA116	Apply work health and safety procedures at supervisor level in aviation maintenance		Must be taken if MEA113 or MEACOM0024 selected
MEA295	Use electrical test equipment to perform basic electrical tests on aircraft and components		
MEA305	Remove and install aircraft fixed wing flight control system components	MEA398	
MEA398	Remove and install aircraft hydro-mechanical and	MEA154	Take with MEA305

	landing gear system components		
MEACOM0024	Supervise aviation maintenance teams and perform maintenance quality inspections	Appointment as an Independent Inspector or Maintenance Quality Inspector	This unit is applicable to the DASA regulatory environment.
MEASTR0001	Inspect Aircraft structures	MEA154, MEA155 MEA156, MEA107 MEA157, MEA158	Must be taken with MEASTR0002
MEASTR0002	Modify and repair aircraft composite materials structures and components	MEASTR0001	

Qualification Mapping Information

Release 1. Supersedes and is equivalent to MEA40918 Certificate IV in Aircraft Surface Finishing (Release 1).

Links

Companion Volume implementation guides are found in VETNet -

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