

# Qualification details



## MEA50219 - Diploma of Aeroskills (Mechanical)

### Summary

Releases:	Release	Status	Release date
	2	Current	2022/11/22
	1	Replaced	2019/09/30

Usage recommendation: **Current**

Mapping:	Mapping	Notes	Date
	Supersedes MEA50218 - Diploma of Aeroskills (Mechanical)	Supersedes and is not equivalent to MEA50218 Diploma of Aeroskills (Mechanical)	2019/09/30

### Training packages that include this qualification

Code	Title	Release
MEA	Aeroskills Training Package	4.0

### Units of competency

Code	Title	Essential
MEA107	Interpret and use aviation maintenance industry manuals and specifications	Core
MEA111	Perform administrative processes to prepare for certification of civil aircraft maintenance	Core
MEA112	Plan and implement civil aircraft maintenance activities	Core
MEA113	Supervise civil aircraft maintenance activities and manage human resources in the workplace	Core
MEA116	Apply work health and safety procedures at supervisor level in aviation maintenance	Core
MEA118	Conduct self in the aviation maintenance environment	Core
MEA142	Manage self in the aviation maintenance environment	Core
MEA148	Apply mathematics and physics in aviation maintenance	Core
MEA154	Apply work health and safety practices in aviation maintenance	Core
MEA155	Plan and organise aviation maintenance work activities	Core
MEA156	Apply quality standards during aviation maintenance activities	Core
MEA157	Complete aviation maintenance industry documentation	Core
MEA158	Perform basic hand skills, standard trade practices and fundamentals in aviation maintenance	Core
MEA201	Remove and install miscellaneous aircraft electrical hardware/components	Core
MEA203	Remove and install advanced aircraft electrical system components	Core
MEA208	Remove and install aircraft pressurisation control system components	Elective
MEA209	Remove and install aircraft oxygen system components	Elective
MEA219	Inspect, test and troubleshoot aircraft pressurisation control systems and components	Elective
MEA222	Inspect, test and troubleshoot aircraft oxygen systems and components	Elective
MEA223	Inspect aircraft electrical systems and components	Elective

Code	Title	Essential
MEA227	Test and troubleshoot aircraft electrical systems and components	Elective
MEA246	Fabricate and/or repair aircraft electrical hardware or parts	Core
MEA294	Inspect, test and troubleshoot advanced aircraft electrical systems and components	Elective
MEA296	Use electrical test equipment in aviation maintenance activities	Core
MEA301	Perform aircraft flight servicing	Core
MEA303	Remove and install aircraft pneumatic system components	Core
MEA304	Remove and install non-pressurised aircraft structural and non-structural components	Elective
MEA305	Remove and install aircraft fixed wing flight control system components	Elective
MEA306	Remove and install engines and engine system components	Core
MEA307	Remove and install propeller systems and components	Elective
MEA308	Remove and install rotary wing rotor and flight control system components	Elective
MEA309	Inspect, test and troubleshoot aircraft hydro-mechanical and landing gear systems and components	Elective
MEA310	Inspect, test and troubleshoot aircraft pneumatic systems and components	Elective
MEA312	Inspect, test and troubleshoot aircraft fixed wing flight control systems and components	Elective
MEA313	Inspect, test and troubleshoot piston engine systems and components	Elective
MEA315	Inspect, test and troubleshoot propeller systems and components	Elective
MEA316	Inspect, test and troubleshoot rotary wing rotor and control systems and components	Elective
MEA317	Remove and install pressurised aircraft structural and non-structural components	Elective
MEA318	Inspect aircraft hydro-mechanical, mechanical, gaseous and landing gear systems and components	Elective
MEA319	Inspect gas turbine engine systems and components	Elective
MEA320	Test and troubleshoot aircraft hydro-mechanical, gaseous and landing gear systems and components	Elective
MEA321	Test and troubleshoot aircraft fixed wing flight control systems and components	Elective
MEA322	Test and troubleshoot gas turbine engine systems and components	Elective
MEA323	Perform advanced troubleshooting in aircraft mechanical maintenance	Core
MEA325	Weigh aircraft and perform aircraft weight and balance calculations as a result of modifications	Core
MEA328	Maintain and/or repair aircraft mechanical components or parts	Core
MEA339	Inspect, repair and maintain aircraft structures	Core
MEA343	Remove and install avionics system components	Core
MEA365	Assess structural repair/modification requirements and evaluate structural repairs and modifications	Core
MEA369	Inspect and maintain structures and related components of non-pressurised small aircraft	Elective
MEA398	Remove and install aircraft hydro-mechanical and landing gear system components	Core
MSMENV472	Implement and monitor environmentally sustainable work practices	Core

## Classifications

Scheme	Code	Name
ANZSCO Identifier	323112	Aircraft Maintenance Engineer (Mechanical)
ASCED Qualification/Course Field of Education Identifier	0315	Aerospace Engineering And Technology
Qualification/Course Level of Education Identifier	421	Diploma
Taxonomy - Industry Sector	N/A	Ground Operations

Scheme	Code	Name
Taxonomy - Occupation	N/A	Aircraft Maintenance Engineer (Mechanical)

### Classifications history

Scheme	Code	Name	Start date	End date
ANZSCO Identifier	323112	Aircraft Maintenance Engineer (Mechanical)	2020/01/30	
ASCED Qualification/Course Field of Education Identifier	0315	Aerospace Engineering And Technology	2020/01/30	
Qualification/Course Level of Education Identifier	421	Diploma	2019/09/30	