

AEROSKILLS TRAINING PACKAGE

MEA07

VERSION 3

IMPLEMENTATION GUIDE

(FORMERLY PURCHASING GUIDE)

**Western Australian Department of Training and
Workforce Development**

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Foreword

This Implementation Guide has been generated to enable the stakeholders in the Aeroskills Industry in Western Australia to participate in the managed implementation of the National Aeroskills Training Package MEA07 **Version 3**.

Information within this Guide should provide guidance on how competency standards may be selected and applied to achieve suitable outcomes and qualifications, for and within an industry.

The Aeroskills Training Package MEA07 **Version 3** was released onto the National Training Information Service (NTIS) on **15th November 2010**.

Introduction

This Guide provides information that will facilitate the implementation of the Aeroskills Training Package MEA07 **Version 3** in Western Australia. This Guide is designed to aid Registered Training Organisations (RTOs) to convert from Training Package qualifications to revised Training Package qualifications within the scope of their training delivery.

The Guide should be read in conjunction with the endorsed components of the Aeroskills Training Package MEA07 **Version 3**.

The Guide provides information on:

- Transition arrangements
- Licensing requirements (if any)
- Advice on Employability Skills
- Funding
- A mapping of current publicly funded qualifications to Training Package qualifications
- An allocation of nominal hours to units of competency and total hours for qualifications
- A mapping of current Traineeship and Apprenticeship courses to new qualifications
- A set of appropriate sample, or model, training programs at each AQF level

Obtaining the Training Package

The **Aeroskills** Training Package can be purchased from:

TVET Australia Product Services
Level 21
390 St Kilda Road
Melbourne VIC 3000
Telephone: (03) 9832 8188
Facsimile: (03) 9832 8199
Email: enquiries@tvetaustralia.com.au
Web: www.tvetaustralia.com.au

Information on National Training Packages is also available through the National Training Information Service (NTIS), which can be located on the Internet at:
www.ntis.gov.au

All RTOs who have Training Package qualifications on their Scope of Delivery must have access to the relevant Training Package.

Transition Arrangements

Registered Training Organisations (RTOs) are required to deliver replacement Training Package qualifications within 12 months of the release date of the Training Package on to the National Training Information System (NTIS) by the National Quality Council (NQC). A current accredited course, however, may be used until its accreditation expires.

Transition to New Qualifications

Students currently enrolled in a Training Package qualification in an earlier version of the Aeroskills Training Package MEA 07 should be permitted to complete the program they enrolled in initially, unless the move to the related qualification from a Training Package can be made without disadvantage to a student.

Funding

Some learners may only achieve a Statement of Attainment during their enrolment period with the RTO. Separate funding is not provided to assess the learner who has left his/her studies and then, at a later date, wants to complete an integrated assessment to achieve a certificate qualification. The RTO will be required to make special arrangements to issue the final qualification. This process may involve an invitation to the employer (if applicable) to participate in the assessment in the workplace.

Nominal Duration of Qualifications

The maximum nominal hours are identified for each Training Package qualification. Nominal hours may vary within a qualification depending on the units of competency selected and the delivery strategies used; however, training delivery will not be funded beyond the maximum nominal hours indicated. Nominal hours are for structured training only and include both delivery and assessment.

Definition of nominal hours (supervised)

Nominal hours are the hours of training notionally required to achieve the outcomes of the Unit of Competency. In Western Australia, nominal hours are used as a mechanism for funding allocation.

Employability Skills

What are employability skills?

Employability skills are non-technical skills and competencies which have always been an important part of an individual's effective and successful participation in the workplace. Their explicit inclusion in Training Packages represents the progression of competency based training into a system which develops the full range of transferable skills, attitudes and behaviour required for successful participation in the workplace.

Employability skills have been developed from a business and industry need for a broader range of skills beyond the Mayer Key Competencies that were developed in 1992. The 2002 report, *Employability Skills for the Future*, published by the Business Council of Australia and the Australian Chamber of Commerce and Industry, outlined an 'Employability Skills Framework' which identifies eight employability skills. They are:

- **communication skills**, which contribute to productive and harmonious relations between employees and customers
- **teamwork skills**, which contribute to productive working relationships and outcomes
- **problem-solving skills**, which contribute to productive outcomes
- **initiative and enterprise skills**, which contribute to innovative outcomes
- **planning and organising skills**, which contribute to long-term and short-term strategic planning
- **self-management skills**, which contribute to employee satisfaction and growth
- **learning skills**, which contribute to ongoing improvement and expansion in employee and company operations and outcomes
- **technology skills**, which contribute to effective execution of tasks.

The Employability Skills Framework

The Employability Skills Framework details the employability skills and the elements, or facets, of those skills that employers identified as important. Facets are examples of skills and behaviour which contribute to the overall application of each particular employability skill. The nature, emphasis and context of these facets vary across industries.

Employability skills and Training Packages

The National Quality Council endorsed the approach to explicitly embed the applicable employability skills into each individual unit of competency. In 2005 and 2006 specifically developed tools were used by Industry Skills Councils to review and embed employability skills into Training Package qualifications.

In many cases the skills and knowledge identified by the Employability Skills Framework already existed in Training Packages. Industry Skills Councils reviewed each Training Package and, where gaps existed or changes were required, modified the competency standards. For some Training Packages, the Framework was further modified to capture industry specific requirements. These requirements were then mapped to existing Training Packages and embedded and strengthened in units of competency.

Employability skills are said to be explicitly embedded when units of competency are written in a manner which makes the relationships between employability skills and the other performance requirements clear and readily identifiable.

Employability skills summary

Once the units of competency in a qualification have been mapped against the Framework, an Employability Skills Summary is created for every qualification in a Training Package. Summaries broadly identify the application of each employability skill in the context of the job role(s) covered by the qualification. They are designed to assist in identifying and including relevant industry applications of the employability skills into learning and assessment strategies.

Reporting employability skills

At its July 2007 meeting the Council endorsed an approach to descriptive reporting on employability skills which involves: learners downloading qualification specific Employability Skills Summaries for Training Package qualifications they have completed from an internet site; and RTOs adding a mandatory sentence providing directions to the site to all qualification testamurs for Training Package qualifications.

The website housing the Employability Skills Summaries for Training Package qualifications has now been established. In order to allow sufficient time for RTOs to modify their qualification testamurs to include the mandatory sentence, at its March 2008 meeting the Council agreed to the following two step process for moving to the new reporting arrangements:

From 1 July 2008, RTOs will be required to inform all students issued with Training Package qualifications that Employability Skills Summaries for Training Package qualifications can be downloaded from <http://employabilityskills.training.com.au> ; and From 1 January 2009, RTOs will be required to add the following mandatory sentence to all qualification testamurs issued for Training Package qualifications: A summary of the employability skills developed through this qualification can be downloaded from <http://employabilityskills.training.com.au>

The AQF Implementation Handbook has been changed to reflect the requirement for RTOs to add the mandatory sentence to Training Package qualification testamurs from 1 January 2009.

Further information about employability skills, including a range of materials developed as part of an NQC project in 2006-2007 and designed to provide general information about employability skills for learners, employers and RTO staff and to support professional development in relation to the delivery and assessment of employability skills are available for downloading from:

<http://www.training.com.au/portal/site/public/menuitem.118e29e68c7b0615af17bfae17a62dbc/>

Version Modification History

The version details of this endorsed Training Package are in the table below. The latest information is at the top of the table.

Version	Release Date	Modification History
3	15 November 2010	<ul style="list-style-type: none"> • Qualification added at Certificate IV level and related units of competency included for Armament • Component workshop units and qualifications revised • Sustainability units imported and included in all qualifications as an additional mandatory unit • New units relating to maintenance of small aircraft added • Diploma and Advanced Diplomas of Aviation Maintenance Management revised to include references to new Civil Aviation Safety Regulations <p>Refer to History for details.</p> <p>ISC upgrades Inclusion of Skill Sets in three categories.</p> <p>All qualifications reformatted to comply with flexibility nomenclature.</p> <p>Corrections to titles of eight units on NTIS (A and B versions where required): MEA124B, MEA125B, MEA131B, MEA136A, MEA137A, MEA138A, MEA143B, MEA233C.</p> <p>Refer to mapping for corrections.</p>
2	8 April 2009	<p>Qualifications at Certificate III and IV levels and units of competency added for Aircraft Life Support and Furnishing. Units of competency applicable to the CASA B1 and B2 Aircraft Maintenance Engineer Licences and Appendix 1 amended to reflect changes to licence privileges and knowledge requirements.</p> <p>Qualifications affected:</p> <ul style="list-style-type: none"> • MEA40607 • MEA50107 • MEA50207
1	31 March 2008	Primary release

Qualifications and Nominal Hours

The following table provides a summary of the qualifications and nominal hours in the **Aeroskills** Training Package **MEA07 version 3**.

National ID	Training Package Qualification Title	Maximum Nominal Hours
MEA20410	Cert II in Aeroskills	520
MEA20510	Cert II in Aircraft Line Maintenance	620
MEA20610	Cert II in Aircraft Surface Finishing	520
MEA30110	Cert III in Aircraft Surface Finishing	736
MEA30310	Cert III in Aircraft Life Support and Furnishing	836
MEA40610	Cert IV in Aeroskills (Avionics)	1300
MEA40710	Cert IV in Aeroskills (Mechanical)	1300
MEA40810	Cert IV in Aeroskills (Structures)	1040
MEA40910	Cert IV in Aircraft Surface Finishing	996
MEA41110	Cert IV in Aircraft Life Support and Furnishing	980
MEA41210	Cert IV in Aeroskills (Armament)	1166
MEA50110	Diploma of Aeroskills (Avionics)	1965
MEA50210	Diploma of Aeroskills (Mechanical)	2430
MEA50310	Diploma of Aviation Maintenance Management (Avionics)	1156
MEA50410	Diploma of Aviation Maintenance Management (Mechanical)	1320
MEA60110	Adv Diploma of Aviation Maintenance Management (Avionics)	1170
MEA60210	Adv Diploma of Aviation Maintenance Management (Mechanical)	1170

New Units of Competency and Nominal Hours

The following table provides a summary of the units of competency and nominal hours in the industry **Aeroskills Training Package Training Package MEA07 Version 3**.

National ID	Training Package Unit Title	Max Nominal Hours
MEA113C	Supervise civil aircraft maintenance activities and manage human resources in the workplace	80
MEA116B	Apply occupational health and safety procedures at supervisor level in aviation maintenance	40
MEA120B	Manage an aviation maintenance quality system	60
MEA121B	Manage aircraft/aeronautical product configuration	60
MEA122B	Manage aircraft/equipment system performance testing	80
MEA123B	Manage work environment policy and practices	40
MEA124B	Coordinate change programs in the aviation maintenance environment	40
MEA125B	Develop aviation maintenance personnel	40
MEA126B	Manage aircraft maintenance activities	100
MEA127B	Provide technical advice in the maintenance and management of aircraft and aeronautical product	80
MEA128B	Provide engineering advice in the modification, maintenance and management of aircraft systems	80
MEA131B	Manage the custody, transfer and disposal of aircraft, aeronautical product and support equipment	40
MEA133B	Communicate aviation technical and maintenance management knowledge	40
MEA134B	Establish, maintain and evaluate the organisation's occupational health and safety system	40
MEA138B	Perform aviation technical publication management activities	40
MEA141B	Manage risk in aviation maintenance	60
MEA142B	Manage self in the aviation maintenance environment	40
MEA143B	Develop and manage maintenance error management programs	60
MEA202C	Remove and install basic aircraft electrical system components	40
MEA203C	Remove and install advanced aircraft electrical system components	60
MEA204C	Remove and install basic aircraft instrument system components	40
MEA205C	Remove and install advanced aircraft instrument system components	40
MEA206C	Remove and install aircraft basic radio communication and navigation system components	40
MEA207C	Remove and install aircraft electronic system components	140
MEA208C	Remove and install aircraft pressurisation control system components	40
MEA209C	Remove and install aircraft oxygen system components	40
MEA210C	Inspect, test and troubleshoot basic aircraft electrical systems and components	80
MEA211C	Inspect, test and troubleshoot advanced aircraft electrical systems and components	140
MEA212C	Inspect, test and troubleshoot basic aircraft instrument systems and components	80
MEA213C	Inspect, test and troubleshoot advanced aircraft instrument systems	80
MEA214C	Inspect, test and troubleshoot aircraft basic communication and radio navigation systems and components	80
MEA215C	Inspect, test and troubleshoot advanced aircraft communications systems and components	80
MEA216C	Inspect, test and troubleshoot instrument landing systems and components	60
MEA217C	Inspect, test and troubleshoot fixed wing autopilot systems and components	60
MEA218C	Inspect, test and troubleshoot rotary wing autopilot systems and components	60

National ID	Training Package Unit Title	Max Nominal Hours
MEA219C	Inspect, test and troubleshoot aircraft pressurisation control systems and components	60
MEA220C	Inspect, test and troubleshoot aircraft primary radar systems and components	60
MEA221C	Inspect, test and troubleshoot aircraft secondary radar systems and components	60
MEA222C	Inspect, test and troubleshoot aircraft oxygen systems and components	60
MEA223C	Inspect aircraft electrical systems and components	40
MEA226C	Inspect aircraft electronic systems and components	50
MEA227C	Test and troubleshoot aircraft electrical systems and components	110
MEA228C	Test and troubleshoot aircraft instrument systems and components	150
MEA229C	Test and troubleshoot aircraft radio frequency navigation and communications systems and components	100
MEA233C	Inspect, test and troubleshoot aircraft inertial navigation and reference systems and components	40
MEA234C	Inspect, test and troubleshoot aircraft global navigation systems and components	40
MEA246C	Fabricate and/or repair aircraft electrical hardware or parts	40
MEA261C	Use electronic test equipment	20
MEA274A	Maintain basic light aircraft electrical systems and components	60
MEA275A	Maintain basic light aircraft instrument systems and components	60
MEA276A	Maintain basic aircraft communication and radio navigation systems and components	60
MEA277A	Maintain twin engine aircraft electrical systems and components	60
MEA278A	Inspect, test and troubleshoot instrument display systems and components	60
MEA279A	Inspect, test and troubleshoot full authority digital engine control systems	60
MEA280A	Inspect, test and troubleshoot flight management systems and components	60
MEA281A	Maintain light aircraft AC powered instrument systems and components	60
MEA282A	Repair or overhaul aircraft pulse system components	60
MEA283A	Repair or overhaul aircraft display, control and distribution system components	60
MEA284A	Repair or overhaul aircraft instrument system components	60
MEA285A	Repair or overhaul aircraft radio frequency communication and navigation system components	60
MEA286A	Repair or overhaul aircraft electrical/electro-mechanical components	60
MEA287A	Repair or overhaul aircraft oxygen system components	60
MEA288A	Repair or overhaul aircraft audio and visual systems and reproducers	60
MEA289A	Maintain basic light aircraft avionic systems and components	60
MEA290A	Fit avionic modification sheetmetal components	60
MEA291A	Inspect, test and troubleshoot fixed wing single axis autopilot systems and components	80
MEA301C	Perform aircraft flight servicing	120
MEA302C	Remove and install aircraft hydro-mechanical and landing gear system components	60
MEA303C	Remove and install aircraft pneumatic system components	60
MEA304C	Remove and install non-pressurised aircraft structural and non-structural components	60
MEA305C	Remove and install aircraft fixed wing flight control system components	60
MEA306C	Remove and install engines and engine system components	60
MEA307C	Remove and install propeller systems and components	60
MEA308C	Remove and install rotary wing rotor and flight control system components	60
MEA309C	Inspect, test and troubleshoot aircraft hydro-mechanical and landing gear systems and components	120
MEA310C	Inspect, test and troubleshoot aircraft pneumatic systems and components	60

National ID	Training Package Unit Title	Max Nominal Hours
MEA311C	Inspect and repair/modify aircraft structures	80
MEA312C	Inspect, test and troubleshoot aircraft fixed wing flight control systems and components	60
MEA313C	Inspect, test and troubleshoot piston engine systems and components	120
MEA314C	Inspect, test and troubleshoot gas turbine engine systems and components	120
MEA315C	Inspect, test and troubleshoot propeller systems and components	60
MEA316C	Inspect, test and troubleshoot rotary wing rotor and control systems and components	80
MEA317C	Remove and install pressurised aircraft structural and non-structural components	60
MEA339B	Inspect, repair and maintain aircraft structures	140
MEA343B	Remove and install avionic system components	40
MEA351A	Maintain airframe systems of basic light fixed wing aircraft	90
MEA352A	Maintain basic rotary wing aircraft systems	110
MEA353A	Maintain basic light aircraft engines and propellers	70
MEA354A	Maintain light aircraft pneumatic systems	70
MEA355A	Maintain light aircraft air cycle air conditioning systems	50
MEA356A	Maintain light piston engine aircraft pressurisation systems	70
MEA357A	Inspect, test and repair aircraft fabric surfaces	50
MEA358A	Re-cover aircraft fabric surfaces	50
MEA359A	Inspect and repair aircraft wooden structures	50
MEA360A	Maintain aircraft diesel engines	70
MEA361A	Maintain aircraft two stroke petrol engines	70
MEA362A	Maintain aircraft vapour cycle air conditioning systems	50
MEA363A	Inspect, repair and maintain structures and related components of non-pressurised small aircraft	120
MEA364A	Maintain and/or repair small aircraft mechanical components or parts	90
MEA365A	Assess structural repair/modification requirements and evaluate structural repairs and modifications	60
MEA366A	Perform borescope inspections	50
MEA380A	Repair and/or overhaul aircraft hydraulic system components	110
MEA381A	Repair and/or overhaul aircraft pneumatic system components	110
MEA382A	Repair and/or overhaul aircraft fuel system components	70
MEA383A	Repair and/or overhaul gas turbine engine air inlet and compressor components and/or modules	70
MEA384A	Repair and/or overhaul gas turbine engine combustion section components and/or modules	70
MEA385A	Repair and/or overhaul gas turbine engine turbine and exhaust section components	70
MEA386A	Repair and/or overhaul gas turbine engine ancillary section components	70
MEA387A	Test gas turbine engines and engine modules after overhaul or repair	70
MEA388A	Repair and/or overhaul piston engines	190
MEA389A	Repair and/or overhaul propellers	110
MEA390A	Repair and/or overhaul rotary wing dynamic components	190
MEA391A	Repair and/or overhaul aircraft mechanical system components	130
MEA601A	Maintain aircraft egress systems	120
MEA602A	Remove and install aircraft stores management system components	60
MEA603A	Remove and install aircraft stores suspension systems and components	60
MEA604A	Inspect, test and troubleshoot aircraft stores management systems and components	60
MEA605A	Inspect, test and troubleshoot aircraft stores suspension systems and components	80

Qualifications which replace qualifications from an existing version of a training package

The following table provides an overview of the qualifications from the Aeroskills Training Package MEA07 Version 2 which replaces qualifications from the existing version of the Aeroskills Training Package **Version 3**.

Existing Training Package MEA07 Version 1-2 Current Qualification			Revised Training Package MEA07 Version 3 Replacement Qualification		
National ID	Qualification Title	Hours	National ID	Qualification Title	Hours
MEA20407	Cert II in Aeroskills	500	MEA20410	Cert II in Aeroskills	520
MEA20507	Cert II in Aircraft Line Maintenance	600	MEA20510	Cert II in Aircraft Line Maintenance	620
MEA20607	Cert II in Aircraft Surface Finishing	500	MEA20610	Cert II in Aircraft Surface Finishing	520
MEA30107	Cert III in Aircraft Surface Finishing	716	MEA30110	Cert III in Aircraft Surface Finishing	736
MEA30309	Cert III in Aircraft Life Support and Furnishing	0	MEA30310	Cert III in Aircraft Life Support and Furnishing	836
MEA40607	Cert IV in Aeroskills (Avionics)	1300	MEA40610	Cert IV in Aeroskills (Avionics)	1300
MEA40707	Cert IV in Aeroskills (Mechanical)	1260	MEA40710	Cert IV in Aeroskills (Mechanical)	1300
MEA40807	Cert IV in Aeroskills (Structures)	1260	MEA40810	Cert IV in Aeroskills (Structures)	1040
MEA40907	Cert IV in Aircraft Surface Finishing	956	MEA40910	Cert IV in Aircraft Surface Finishing	996
MEA41109	Cert IV in Aircraft Life Support and Furnishing	0	MEA41110	Cert IV in Aircraft Life Support and Furnishing	980
	No previous equivalent		MEA41210	Cert IV in Aeroskills (Armament)	1166
MEA50107	Diploma of Aeroskills (Avionics)	1815	MEA50110	Diploma of Aeroskills (Avionics)	1965
MEA50207	Diploma of Aeroskills (Mechanical)	2545	MEA50210	Diploma of Aeroskills (Mechanical)	2430
MEA50307	Diploma of Aviation Maintenance Management (Avionics)	1116	MEA50310	Diploma of Aviation Maintenance Management (Avionics)	1156
MEA50407	Diploma of Aviation Maintenance Management (Mechanical)	1260	MEA50410	Diploma of Aviation Maintenance Management (Mechanical)	1320
MEA60107	Adv Diploma of Aviation Maintenance Management (Avionics)	1636	MEA60110	Adv Diploma of Aviation Maintenance Management (Avionics)	1170
MEA60207	Adv Diploma of Aviation Maintenance Management (Mechanical)	1656	MEA60210	Adv Diploma of Aviation Maintenance Management (Mechanical)	1170

Existing units of competency which are replaced by units of competency from the revised Aeroskills Training Package MEA07 Version 3

The following table provides an overview of the units of competency from the Aeroskills Training Package MEA07 which are replaced by the units of competency from **Version 3**.

Version 1-2			Version 3		
National ID	Units of Competency Title	Hours	National ID	Units of Competency Title	Hours
MEA113B	Supervise civil aircraft maintenance activities and manage human resources in the workplace	80	MEA113C	Supervise civil aircraft maintenance activities and manage human resources in the workplace	80
MEA116A	Apply occupational health and safety procedures at supervisor level in aviation maintenance	40	MEA116B	Apply occupational health and safety procedures at supervisor level in aviation maintenance	40
MEA120A	Manage an aviation maintenance quality system	60	MEA120B	Manage an aviation maintenance quality system	60
MEA121A	Manage aircraft/aeronautical product configuration	60	MEA121B	Manage aircraft/aeronautical product configuration	60
MEA122A	Manage aircraft/equipment system performance testing	80	MEA122B	Manage aircraft/equipment system performance testing	80
MEA123A	Manage work environment policy and practices	40	MEA123B	Manage work environment policy and practices	40
MEA124A	Coordinate change programs	40	MEA124B	Coordinate change programs in the aviation maintenance environment	40
MEA125A	Develop personnel	40	MEA125B	Develop aviation maintenance personnel	40
MEA126A	Manage aircraft maintenance activities	100	MEA126B	Manage aircraft maintenance activities	100
MEA127A	Provide technical advice in the maintenance and management of aircraft and aeronautical product	80	MEA127B	Provide technical advice in the maintenance and management of aircraft and aeronautical product	80
MEA128A	Provide engineering advice in the modification, maintenance and management of aircraft systems	80	MEA128B	Provide engineering advice in the modification, maintenance and management of aircraft systems	80
MEA131A	Manage the custody of aircraft, aeronautical product and support equipment	40	MEA131B	Manage the custody, transfer and disposal of aircraft, aeronautical product and support equipment	40
MEA133A	Communicate aviation technical and maintenance management knowledge	40	MEA133B	Communicate aviation technical and maintenance management knowledge	40
MEA134A	Establish, maintain and evaluate the organisation's occupational health and safety system	40	MEA134B	Establish, maintain and evaluate the organisation's occupational health and safety system	40

Version 1-2			Version 3		
National ID	Units of Competency Title	Hours	National ID	Units of Competency Title	Hours
MEA138A	Perform aviation technical publication management activities	40	MEA138B	Perform aviation technical publication management activities	40
MEA141A	Manage risk in aviation maintenance	60	MEA141B	Manage risk in aviation maintenance	60
MEA142A	Manage self in the aviation maintenance environment	40	MEA142B	Manage self in the aviation maintenance environment	40
MEA143A	Develop and manage civil aircraft maintenance error management programs	60	MEA143B	Develop and manage maintenance error management programs	60
MEA202B	Remove and install basic aircraft electrical system components	40	MEA202C	Remove and install basic aircraft electrical system components	40
MEA203B	Remove and install advanced aircraft electrical system components	60	MEA203C	Remove and install advanced aircraft electrical system components	60
MEA204B	Remove and install basic aircraft instrument system components	40	MEA204C	Remove and install basic aircraft instrument system components	40
MEA205B	Remove and install advanced aircraft instrument system components	40	MEA205C	Remove and install advanced aircraft instrument system components	40
MEA206B	Remove and install aircraft basic radio communication and navigation system components	40	MEA206C	Remove and install aircraft basic radio communication and navigation system components	40
MEA207B	Remove and install aircraft electronic system components	140	MEA207C	Remove and install aircraft electronic system components	140
MEA208B	Remove and install aircraft pressurisation control system components	40	MEA208C	Remove and install aircraft pressurisation control system components	40
MEA209B	Remove and install aircraft oxygen system components	40	MEA209C	Remove and install aircraft oxygen system components	40
MEA210B	Inspect, test and troubleshoot basic aircraft electrical systems and components	80	MEA210C	Inspect, test and troubleshoot basic aircraft electrical systems and components	80
MEA211B	Inspect, test and troubleshoot advanced aircraft electrical systems and components	140	MEA211C	Inspect, test and troubleshoot advanced aircraft electrical systems and components	140
MEA212B	Inspect, test and troubleshoot basic aircraft instrument systems and components	80	MEA212C	Inspect, test and troubleshoot basic aircraft instrument systems and components	80
MEA213B	Inspect, test and troubleshoot advanced aircraft instrument systems	80	MEA213C	Inspect, test and troubleshoot advanced aircraft instrument systems	80
MEA214B	Inspect, test and troubleshoot aircraft basic communication and	80	MEA214C	Inspect, test and troubleshoot aircraft basic	80

National ID	Version 1-2		National ID	Version 3	
	Units of Competency Title	Hours		Units of Competency Title	Hours
	radio navigation systems and components			communication and radio navigation systems and components	
MEA215B	Inspect, test and troubleshoot advanced aircraft communications systems and components	80	MEA215C	Inspect, test and troubleshoot advanced aircraft communications systems and components	80
MEA216B	Inspect, test and troubleshoot instrument landing systems and components	60	MEA216C	Inspect, test and troubleshoot instrument landing systems and components	60
MEA217B	Inspect, test and troubleshoot fixed wing autopilot systems and components	60	MEA217C	Inspect, test and troubleshoot fixed wing autopilot systems and components	60
MEA218B	Inspect, test and troubleshoot rotary wing autopilot systems and components	60	MEA218C	Inspect, test and troubleshoot rotary wing autopilot systems and components	60
MEA219B	Inspect, test and troubleshoot aircraft pressurisation control systems and components	60	MEA219C	Inspect, test and troubleshoot aircraft pressurisation control systems and components	60
MEA220B	Inspect, test and troubleshoot aircraft primary radar systems and components	60	MEA220C	Inspect, test and troubleshoot aircraft primary radar systems and components	60
MEA221B	Inspect, test and troubleshoot aircraft secondary radar systems and components	60	MEA221C	Inspect, test and troubleshoot aircraft secondary radar systems and components	60
MEA222B	Inspect, test and troubleshoot aircraft oxygen systems and components	60	MEA222C	Inspect, test and troubleshoot aircraft oxygen systems and components	60
MEA223B	Inspect aircraft electrical systems and components	40	MEA223C	Inspect aircraft electrical systems and components	40
MEA226B	Inspect aircraft electronic systems and components	40	MEA226C	Inspect aircraft electronic systems and components	50
MEA227B	Test and troubleshoot aircraft electrical systems and components	80	MEA227C	Test and troubleshoot aircraft electrical systems and components	110
MEA228B	Test and troubleshoot aircraft instrument systems and components	80	MEA228C	Test and troubleshoot aircraft instrument systems and components	150
MEA229B	Test and troubleshoot aircraft radio frequency navigation and communications systems and components	80	MEA229C	Test and troubleshoot aircraft radio frequency navigation and communications systems and components	100
MEA233B	Inspect, test and troubleshoot inertial navigation and reference systems and components	40	MEA233C	Inspect, test and troubleshoot aircraft inertial navigation and reference systems and components	40
MEA234B	Inspect, test and troubleshoot aircraft global navigation	40	MEA234C	Inspect, test and troubleshoot aircraft global	40

Version 1-2			Version 3		
National ID	Units of Competency Title	Hours	National ID	Units of Competency Title	Hours
	systems and components			navigation systems and components	
MEA246B	Fabricate and/or repair aircraft electrical hardware or parts	40	MEA246C	Fabricate and/or repair aircraft electrical hardware or parts	40
MEA261B	Use electronic test equipment	20	MEA261C	Use electronic test equipment	20
	No previous equivalent		MEA274A	Maintain basic light aircraft electrical systems and components	60
	No previous equivalent		MEA275A	Maintain basic light aircraft instrument systems and components	60
	No previous equivalent		MEA276A	Maintain basic aircraft communication and radio navigation systems and components	60
	No previous equivalent		MEA277A	Maintain twin engine aircraft electrical systems and components	60
	No previous equivalent		MEA278A	Inspect, test and troubleshoot instrument display systems and components	60
	No previous equivalent		MEA279A	Inspect, test and troubleshoot full authority digital engine control systems	60
	No previous equivalent		MEA280A	Inspect, test and troubleshoot flight management systems and components	60
	No previous equivalent		MEA281A	Maintain light aircraft AC powered instrument systems and components	60
	No previous equivalent		MEA282A	Repair or overhaul aircraft pulse system components	60
	No previous equivalent		MEA283A	Repair or overhaul aircraft display, control and distribution system components	60
	No previous equivalent		MEA284A	Repair or overhaul aircraft instrument system components	60
	No previous equivalent		MEA285A	Repair or overhaul aircraft radio frequency communication and navigation system components	60
	No previous equivalent		MEA286A	Repair or overhaul aircraft electrical/electro-mechanical components	60
	No previous equivalent		MEA287A	Repair or overhaul aircraft oxygen system components	60

Version 1-2			Version 3		
National ID	Units of Competency Title	Hours	National ID	Units of Competency Title	Hours
	No previous equivalent		MEA288A	Repair or overhaul aircraft audio and visual systems and reproducers	60
	No previous equivalent		MEA289A	Maintain basic light aircraft avionic systems and components	60
	No previous equivalent		MEA290A	Fit avionic modification sheetmetal components	60
	No previous equivalent		MEA291A	Inspect, test and troubleshoot fixed wing single axis autopilot systems and components	80
MEA301B	Perform aircraft flight servicing	120	MEA301C	Perform aircraft flight servicing	120
MEA302B	Remove and install aircraft hydro-mechanical and landing gear system components	60	MEA302C	Remove and install aircraft hydro-mechanical and landing gear system components	60
MEA303B	Remove and install aircraft pneumatic system components	60	MEA303C	Remove and install aircraft pneumatic system components	60
MEA304B	Remove and install non-pressurised aircraft structural and non-structural components	60	MEA304C	Remove and install non-pressurised aircraft structural and non-structural components	60
MEA305B	Remove and install aircraft fixed wing flight control system components	60	MEA305C	Remove and install aircraft fixed wing flight control system components	60
MEA306B	Remove and install engines and engine system components	60	MEA306C	Remove and install engines and engine system components	60
MEA307B	Remove and install propeller systems and components	60	MEA307C	Remove and install propeller systems and components	60
MEA308B	Remove and install rotary wing rotor and flight control system components	60	MEA308C	Remove and install rotary wing rotor and flight control system components	60
MEA309B	Inspect, test and troubleshoot aircraft hydro-mechanical and landing gear systems and components	120	MEA309C	Inspect, test and troubleshoot aircraft hydro-mechanical and landing gear systems and components	120
MEA310B	Inspect, test and troubleshoot aircraft pneumatic systems and components	60	MEA310C	Inspect, test and troubleshoot aircraft pneumatic systems and components	60
MEA311B	Inspect and repair/modify aircraft structures	60	MEA311C	Inspect and repair/modify aircraft structures	80
MEA312B	Inspect, test and troubleshoot aircraft fixed wing flight control systems and components	60	MEA312C	Inspect, test and troubleshoot aircraft fixed wing flight control systems and components	60
MEA313B	Inspect, test and troubleshoot piston engine systems and components	120	MEA313C	Inspect, test and troubleshoot piston engine systems and components	120
MEA314B	Inspect, test and troubleshoot gas turbine engine systems and	120	MEA314C	Inspect, test and troubleshoot gas turbine engine	120

Version 1-2			Version 3		
National ID	Units of Competency Title	Hours	National ID	Units of Competency Title	Hours
	components			systems and components	
MEA315B	Inspect, test and troubleshoot propeller systems and components	60	MEA315C	Inspect, test and troubleshoot propeller systems and components	60
MEA316B	Inspect, test and troubleshoot rotary wing rotor and control systems and components	60	MEA316C	Inspect, test and troubleshoot rotary wing rotor and control systems and components	80
MEA317B	Remove and install pressurised aircraft structural and non-structural components	60	MEA317C	Remove and install pressurised aircraft structural and non-structural components	60
MEA339A	Inspect, repair and maintain aircraft structures	140	MEA339B	Inspect, repair and maintain aircraft structures	140
MEA343A	Remove and install avionic system components	40	MEA343B	Remove and install avionic system components	40
	No previous equivalent		MEA351A	Maintain airframe systems of basic light fixed wing aircraft	90
	No previous equivalent		MEA352A	Maintain basic rotary wing aircraft systems	110
	No previous equivalent		MEA353A	Maintain basic light aircraft engines and propellers	70
	No previous equivalent		MEA354A	Maintain light aircraft pneumatic systems	70
	No previous equivalent		MEA355A	Maintain light aircraft air cycle air conditioning systems	50
	No previous equivalent		MEA356A	Maintain light piston engine aircraft pressurisation systems	70
	No previous equivalent		MEA357A	Inspect, test and repair aircraft fabric surfaces	50
	No previous equivalent		MEA358A	Re-cover aircraft fabric surfaces	50
	No previous equivalent		MEA359A	Inspect and repair aircraft wooden structures	50
	No previous equivalent		MEA360A	Maintain aircraft diesel engines	70
	No previous equivalent		MEA361A	Maintain aircraft two stroke petrol engines	70
	No previous equivalent		MEA362A	Maintain aircraft vapour cycle air conditioning systems	50
	No previous equivalent		MEA363A	Inspect, repair and maintain structures and related components of non-pressurised small aircraft	120
	No previous equivalent		MEA364A	Maintain and/or repair small aircraft mechanical components or parts	90
	No previous equivalent		MEA365A	Assess structural repair/modification requirements and evaluate structural repairs and modifications	60

Version 1-2			Version 3		
National ID	Units of Competency Title	Hours	National ID	Units of Competency Title	Hours
	No previous equivalent		MEA366A	Perform borescope inspections	50
	No previous equivalent		MEA380A	Repair and/or overhaul aircraft hydraulic system components	110
	No previous equivalent		MEA381A	Repair and/or overhaul aircraft pneumatic system components	110
	No previous equivalent		MEA382A	Repair and/or overhaul aircraft fuel system components	70
	No previous equivalent		MEA383A	Repair and/or overhaul gas turbine engine air inlet and compressor components and/or modules	70
	No previous equivalent		MEA384A	Repair and/or overhaul gas turbine engine combustion section components and/or modules	70
	No previous equivalent		MEA385A	Repair and/or overhaul gas turbine engine turbine and exhaust section components	70
	No previous equivalent		MEA386A	Repair and/or overhaul gas turbine engine ancillary section components	70
	No previous equivalent		MEA387A	Test gas turbine engines and engine modules after overhaul or repair	70
	No previous equivalent		MEA388A	Repair and/or overhaul piston engines	190
	No previous equivalent		MEA389A	Repair and/or overhaul propellers	110
	No previous equivalent		MEA390A	Repair and/or overhaul rotary wing dynamic components	190
	No previous equivalent		MEA391A	Repair and/or overhaul aircraft mechanical system components	130
	No previous equivalent		MEA601A	Maintain aircraft egress systems	120
	No previous equivalent		MEA602A	Remove and install aircraft stores management system components	60
	No previous equivalent		MEA603A	Remove and install aircraft stores suspension systems and components	60
	No previous equivalent		MEA604A	Inspect, test and troubleshoot aircraft stores management systems and components	60
	No previous equivalent		MEA605A	Inspect, test and troubleshoot aircraft stores suspension systems and components	80

Traineeships, Apprenticeships and Pre-Apprenticeships

The following table provides a summary of the qualifications in the Aeroskills Training Package Training Package MEA07 **Version 2** and the accredited traineeship, apprenticeship and pre-apprenticeship courses they will replace.

Aeroskills Training Package MEA07 VERSION 2 Current Qualification			Aeroskills Training Package MEA07 VERSION 3 Replacement Qualification		
National ID	Qualification Title	Hours	National ID	Qualification Title	Hours
Apprenticeship					
MEA40607	Aircraft maintenance engineer – Avionics	1300	MEA40610	Aircraft maintenance engineer – Avionics	1300
MEA40707	Aircraft maintenance engineer – Mechanical	1260	MEA40710	Aircraft maintenance engineer – Mechanical	1300
MEA40807	Aircraft maintenance engineer - Structures	1260	MEA40810	Aircraft maintenance engineer - Structures	1040
Traineeship					
MEA20407	Aeroskills (aircraft mechanical) level 2	500	MEA20410	Aeroskills (aircraft mechanical) level 2	520
MEA50107	Aeroskills engineer – avionics level 5	1815	MEA50110	Aeroskills engineer – avionics level 5	1965
MEA50207	Aeroskills engineer – mechanical level 5	2545	MEA50210	Aeroskills engineer – mechanical level 5	2340
Pre-Apprenticeship					
MEA20407	Aeroskills (aircraft mechanical) level 2	500	MEA20410	Aeroskills (aircraft mechanical) level 2	520

Examples of Training Package Programs

Units of competency may be customised so that the tasks involved in demonstrating competence are designed to meet the requirements of an individual enterprise or to satisfy regulations in a particular state or territory.

Each qualification in the Aeroskills Training Package MEA07 **Version 3** may be customised to meet the context in which the training is taking place. A qualification can also be customised to accommodate a learner's chosen career pathway.

The following are examples of suitable training programs for Aeroskills Training Package MEA07 **Version 3**. The models are not intended to be prescriptive but illustrate ways that qualifications can be achieved.

MEA20410 – Certificate II in Aeroskills

Qualification Title	Certificate II in Aeroskills
Qualification Code	MEA20410
Qualification Packaging Rules	To be awarded Certificate II in Aeroskills, competency must be demonstrated in one of: <ul style="list-style-type: none"> • Avionic: 12 units consisting of 8 Core units plus 3 units from Elective Group A and one unit from either Group B or Group C • Mechanical: 12 units consisting of 8 Core units plus 3 units from Elective Group B and one unit from either of Groups A and C • Structures: 11 units consisting of 8 Core units plus 2 units from Elective Group C and one unit from either of Groups A and B.

The following table outlines ONE example of a training program for this qualification. Please refer to the Training Package for the full details of available options.

MECHANICAL STREAM EXAMPLE PROGRAM		
Unit Code	Unit Title	Nominal Hours
Core Units		
MEA101B	Interpret occupational health and safety practices in aviation maintenance	40
MEA103B	Plan and organise aviation maintenance work activities	40
MEA105B	Apply quality standards applicable to aviation maintenance processes	40
MEA107B	Interpret and use aviation maintenance industry manuals and specifications	40
MEA108B	Complete aviation maintenance industry documentation	40
MEA109B	Perform basic hand skills, standard trade practices and fundamentals in aviation maintenance	40
MEA117A	Apply self in the aviation maintenance environment	20
MSAENV272B	Participate in environmentally sustainable work practices	20
Mechanical Elective Units		
MEA329B	Dismantle, inspect, maintain and assemble aircraft basic hydraulic and pneumatic components or parts	60
MEA330B	Dismantle, inspect, maintain and assemble aircraft non-primary structural removable components or parts and internal fittings	60
MEA332B	Dismantle, inspect, maintain and assemble aircraft mechanical components or parts	60
MEA407B	Repair/modify aircraft non-primary structural non-metallic components	60
TOTAL		520

MEA20510 – Certificate II in Aircraft Line Maintenance

Qualification Title	Certificate II in Aircraft Line Maintenance
Qualification Code	MEA20510
Qualification Packaging Rules	Competency must be demonstrated in 15 units of competency, as follows: <ul style="list-style-type: none"> • 14 Core units made up of common, imported and technical stream units • One unit from Elective Group A chosen according to the CASA A licence that is being sought

The following table outlines ONE example of a training program for this qualification. Please refer to the Training Package for the full details of available options.

EXAMPLE PROGRAM		
Unit Code	Unit Title	Nominal Hours
Core Units		
MEA101B	Interpret occupational health and safety practices in aviation maintenance	40
MEA103B	Plan and organise aviation maintenance work activities	40
MEA105B	Apply quality standards applicable to aviation maintenance processes	40
MEA107B	Interpret and use aviation maintenance industry manuals and specifications	40
MEA108B	Complete aviation maintenance industry documentation	40
MEA109B	Perform basic hand skills, standard trade practices and fundamentals in aviation maintenance	40
MEA117A	Apply self in the aviation maintenance environment	20
MEA119A	Perform administrative processes to prepare for certification of civil aircraft A level line maintenance	60
MEA240B	Use electrical test equipment to perform basic electrical tests	20
MEA264A	Remove and install aircraft electrical/avionic components during line maintenance	40
MEA265A	Remove and install general aircraft electrical hardware	40
MEA344A	Remove and install aircraft components	60
MEA418A	Perform basic repair of aircraft internal fittings during line maintenance	40
MSAENV272B	Participate in environmentally sustainable work practices	20
Elective Units		
MEA345A	Perform scheduled line maintenance activities on gas turbine engine fixed wing aircraft	80
TOTAL		620

MEA20610 – Certificate II in Aircraft Surface Finishing

Qualification Title	Certificate II in Aircraft Surface Finishing
Qualification Code	MEA20610
Qualification Packaging Rules	Competency must be demonstrated in 12 or 13 units of competency, depending on the choice of specialist units. These units include 11 Core units consisting of common, imported and technical stream units plus either Elective Group A (one unit) or Group B (two units).

The following table outlines ONE example of a training program for this qualification. Please refer to the Training Package for the full details of available options.

EXAMPLE PROGRAM		
Unit Code	Unit Title	Nominal Hours
Core Units		
MEA101B	Interpret occupational health and safety practices in aviation maintenance	40
MEA103B	Plan and organise aviation maintenance work activities	40
MEA105B	Apply quality standards applicable to aviation maintenance processes	40
MEA107B	Interpret and use aviation maintenance industry manuals and specifications	40
MEA108B	Complete aviation maintenance industry documentation	40
MEA109B	Perform basic hand skills, standard trade practices and fundamentals in aviation maintenance	40
MEA117A	Apply self in the aviation maintenance environment	20
MEA411A	Remove surface coatings from aircraft or aircraft components	40
MEA412A	Pre-treat aluminium alloy surfaces	40
MEA413A	Seal aircraft and aircraft component structural seams	40
MSAENV272B	Participate in environmentally sustainable work practices	20
Elective Units – Group B		
MEA406B	Repair/modify aircraft non-primary structural sheetmetal components	60
MEA407B	Repair/modify aircraft non-primary structural non-metallic components	60
TOTAL		520

MEA30110 – Certificate III in Aircraft Surface Finishing

Qualification Title	Certificate III in Aircraft Surface Finishing
Qualification Code	MEA30110
Qualification Packaging Rules	To be awarded Certificate III in Aircraft Surface Finishing, competency must be demonstrated in 17 Core units of competency. Units must be chosen as specified under the conditions set out below. There are no elective units for this qualification.

Unit Code	Unit Title	Nominal Hours
Core Units		
AURV229749A	Prepare spray painting materials and equipment	24
AURV329603DA	Apply air dry and polyurethane enamel refinishing materials	32
MEA101B	Interpret occupational health and safety practices in aviation maintenance	40
MEA103B	Plan and organise aviation maintenance work activities	40
MEA105B	Apply quality standards applicable to aviation maintenance processes	40
MEA107B	Interpret and use aviation maintenance industry manuals and specifications	40
MEA108B	Complete aviation maintenance industry documentation	40
MEA109B	Perform basic hand skills, standard trade practices and fundamentals in aviation maintenance	40
MEA118A	Conduct self in the aviation maintenance environment	20
MEA411A	Remove surface coatings from aircraft or aircraft components	40
MEA412A	Pre-treat aluminium alloy surfaces	40
MEA413A	Seal aircraft and aircraft component structural seams	40
MEA414A	Remove light corrosion from aircraft	80
MEA415A	Paint aircraft surfaces	60
MEA416A	Apply aircraft identification markings, graphics and decals	60
MEA417A	Apply specialty coatings to aircraft	80
MSAENV272B	Participate in environmentally sustainable work practices	20
TOTAL		736

MEA30310 – Certificate III in Aircraft Life Support and Furnishing

Qualification Title	Certificate III in Aircraft Life Support and Furnishing
Qualification Code	MEA30310
Qualification Packaging Rules	To be awarded Certificate III in Aircraft Life Support and Furnishing, competency must be demonstrated in 21 units of competency, as follows: <ul style="list-style-type: none"> • 9 Core units consisting of common and imported units • 12 Elective units (chosen in accordance with the unit selection guidelines in Column 4) from the technical stream and imported units in Group A.

The following table outlines ONE example of a training program for this qualification. Please refer to the Training Package for the full details of available options.

EXAMPLE PROGRAM		
Unit Code	Unit Title	Nominal Hours
Core Units		
MEA101B	Interpret occupational health and safety practices in aviation maintenance	40
MEA103B	Plan and organise aviation maintenance work activities	40
MEA105B	Apply quality standards applicable to aviation maintenance processes	40
MEA107B	Interpret and use aviation maintenance industry manuals and specifications	40
MEA108B	Complete aviation maintenance industry documentation	40
MEA109B	Perform basic hand skills, standard trade practices and fundamentals in aviation maintenance	40
MEA118A	Conduct self in the aviation maintenance environment	20
MEM12001B	Use comparison and basic measuring devices	18
MSAENV272B	Participate in environmentally sustainable work practices	20
Elective Units		
AURV231208A	Carry out trimming of vehicle components	68
AURV231268A	Select and apply trim/fabric materials and determine attachment methods	20
AURV231368A	Select and apply trim/fabric adhesives	12
LMFSF2001A	Cut single layer fabrics	40
LMFSF2002A	Machine sew materials	48
MEA240B	Use electrical test equipment to perform basic electrical tests	20
MEA304C	Remove and install non-pressurised aircraft structural and non-structural components	60
MEA411A	Remove surface coatings from aircraft or aircraft components	40
MEA412A	Pre-treat aluminium alloy surfaces	40
MEA414A	Remove light corrosion from aircraft	80
MEA416A	Apply aircraft identification markings, graphics and decals	60
MEA511A	Operate and maintain sewing machines and overlockers	50
TOTAL		836

MEA40610 – Certificate IV in Aeroskills (Avionics)

Qualification Title	Certificate IV in Aeroskills (Avionics)
Qualification Code	MEA40610
Qualification Packaging Rules	To be awarded the Certificate IV in Aeroskills (Avionics) competency must be demonstrated in: Aircraft Maintenance Stream <ul style="list-style-type: none"> • Eleven (11) Core units consisting of common, imported and some avionic technical stream units • thirteen (13) Elective technical stream units chosen from Group A • Total: twenty four (24) units OR Component Maintenance Workshop Stream <ul style="list-style-type: none"> • twelve (12) Core units consisting of common, imported and avionic technical stream units • three (3) Elective technical stream units chosen from Group B • Total: fifteen (15) units

The following table outlines ONE example of an Aircraft Maintenance Stream training program for this qualification.

Please refer to the Training Package for the full details of available options.

AIRCRAFT MAINTENANCE STREAM EXAMPLE PROGRAM		
Unit Code	Unit Title	Nominal Hours
Core Units		
MEA101B	Interpret occupational health and safety practices in aviation maintenance	40
MEA103B	Plan and organise aviation maintenance work activities	40
MEA105B	Apply quality standards applicable to aviation maintenance processes	40
MEA107B	Interpret and use aviation maintenance industry manuals and specifications	40
MEA108B	Complete aviation maintenance industry documentation	40
MEA109B	Perform basic hand skills, standard trade practices and fundamentals in aviation maintenance	40
MEA118A	Conduct self in the aviation maintenance environment	20
MEA201B	Remove and install miscellaneous aircraft electrical hardware/components	40
MEA246C	Fabricate and/or repair aircraft electrical hardware or parts	40
MEA260B	Use electrical test equipment	20
MSAENV272B	Participate in environmentally sustainable work practices	20
Elective Units – Aircraft Maintenance		
MEA203C	Remove and install advanced aircraft electrical system components	60
MEA205C	Remove and install advanced aircraft instrument system components	40
MEA206C	Remove and install aircraft basic radio communication and navigation system components	40
MEA207C	Remove and install aircraft electronic system components	140
MEA208C	Remove and install aircraft pressurisation control system components	40
MEA209C	Remove and install aircraft oxygen system components	40
MEA211C	Inspect, test and troubleshoot advanced aircraft electrical systems and components	140
MEA213C	Inspect, test and troubleshoot advanced aircraft instrument systems	80
MEA214C	Inspect, test and troubleshoot aircraft basic communication and radio navigation systems and components	80
MEA217C	Inspect, test and troubleshoot fixed wing autopilot systems and	60

	components	
MEA219C	Inspect, test and troubleshoot aircraft pressurisation control systems and components	60
MEA261C	Use electronic test equipment	20
MEA301C	Perform aircraft flight servicing	120
TOTAL		1300

MEA40710 – Certificate IV in Aeroskills (Mechanical)

Qualification Title	MEA40710
Qualification Code	Certificate IV in Aeroskills (Mechanical)
Qualification Packaging Rules	<p>To be awarded the Certificate IV in Aeroskills (Mechanical) competency must be demonstrated in:</p> <ul style="list-style-type: none"> • Aircraft Maintenance Stream • Core common and imported units: eight (8) units • Elective technical stream units from Group A: thirteen (13) units • Total: twenty one (21) units <p>OR</p> <ul style="list-style-type: none"> • Component Maintenance Workshop Stream • Core common and imported units: eight (8) units • Elective technical stream units from Group B: six (6) units • Total: fourteen (14) units

The following table outlines ONE example of an Aircraft Maintenance Stream in General Aviation training program for this qualification.

Please refer to the Training Package for the full details of available options.

AIRCRAFT MAINTENANCE STREAM EXAMPLE PROGRAM		
Unit Code	Unit Title	Nominal Hours
Core Units		
MEA101B	Interpret occupational health and safety practices in aviation maintenance	40
MEA103B	Plan and organise aviation maintenance work activities	40
MEA105B	Apply quality standards applicable to aviation maintenance processes	40
MEA107B	Interpret and use aviation maintenance industry manuals and specifications	40
MEA108B	Complete aviation maintenance industry documentation	40
MEA109B	Perform basic hand skills, standard trade practices and fundamentals in aviation maintenance	40
MEA118A	Conduct self in the aviation maintenance environment	20
MSAENV272B	Participate in environmentally sustainable work practices	20
Elective Units - Aircraft Maintenance Stream		
MEA301C	Perform aircraft flight servicing	120
MEA304C	Remove and install non-pressurised aircraft structural and non-structural components	60
MEA305C	Remove and install aircraft fixed wing flight control system components	60
MEA306C	Remove and install engines and engine system components	60
MEA313C	Inspect, test and troubleshoot piston engine systems and components	120
OR		
MEA314C	Inspect, test and troubleshoot gas turbine engine systems and components	120
MEA343B	Remove and install avionic system components	40
MEA351A	Maintain airframe systems of basic light fixed wing aircraft	90
MEA353A	Maintain basic light aircraft engines and propellers	70
MEA354A	Maintain light aircraft pneumatic systems	70
MEA355A	Maintain light aircraft air cycle air conditioning systems	50
OR		
MEA362A	Maintain light aircraft vapour cycle air conditioning systems	50
MEA356A	Maintain light piston engine aircraft pressurisation systems	70
MEA363A	Inspect, repair and maintain structures and related components of non-pressurised small aircraft	120

MEA364A	Maintain &/or repair small aircraft mechanical components or parts.	90
TOTAL		1300

MEA40810 – Certificate IV in Aeroskills (Structures)

Qualification Title	Certificate IV in Aeroskills (Structures)
Qualification Code	MEA40810
Qualification Packaging Rules	To be awarded Certificate IV in Aeroskills (Structures), competency must be demonstrated in 18 units of competency: <ul style="list-style-type: none"> • 16 Core units consisting of common, imported and technical stream units • 2 Elective technical stream units from Group A

The following table outlines ONE example of a training program for this qualification. Please refer to the Training Package for the full details of available options.

EXAMPLE PROGRAM		
Unit Code	Unit Title	Nominal Hours
Core Units		
MEA101B	Interpret occupational health and safety practices in aviation maintenance	40
MEA103B	Plan and organise aviation maintenance work activities	40
MEA105B	Apply quality standards applicable to aviation maintenance processes	40
MEA107B	Interpret and use aviation maintenance industry manuals and specifications	40
MEA108B	Complete aviation maintenance industry documentation	40
MEA109B	Perform basic hand skills, standard trade practices and fundamentals in aviation maintenance	40
MEA118A	Conduct self in the aviation maintenance environment	20
MEA302C	Remove and install aircraft hydro-mechanical and landing gear system components	60
MEA303C	Remove and install aircraft pneumatic system components	60
MEA327B	Fabricate and/or repair aircraft mechanical components or parts	100
MEA401B	Inspect aircraft structures	60
MEA402B	Fabricate aircraft structural components	100
MEA403B	Repair/modify aircraft structure	80
MEA404B	Disassemble and reassemble aircraft structure for major repair or modification	80
MEA405B	Repair/modify aircraft composite material structure/components	100
MSAENV272B	Participate in environmentally sustainable work practices	20
Technical Stream Elective Units		
MEA305C	Remove and install aircraft fixed wing flight control system components	60
MEA317C	Remove and install pressurised aircraft structural and non-structural components	60
TOTAL		1040

MEA40910– Certificate IV in Aircraft Surface Finishing

Qualification Title	Certificate IV in Aircraft Surface Finishing
Qualification Code	MEA40910
Qualification Packaging Rules	To be awarded Certificate IV in Aircraft Surface Finishing, competency must be demonstrated in 21 units of competency: <ul style="list-style-type: none"> • 17 Core units consisting of common, technical stream and imported units • 4 Elective units chosen from the technical stream and imported units in Group A

The following table outlines ONE example of a training program for this qualification. Please refer to the Training Package for the full details of available options.

EXAMPLE PROGRAM		
Unit Code	Unit Title	Nominal Hours
Core Units		
AURV229749A	Prepare spray painting materials and equipment	24
AURV329603DA	Apply air dry and polyurethane enamel refinishing materials	32
MEA101B	Interpret occupational health and safety practices in aviation maintenance	40
MEA103B	Plan and organise aviation maintenance work activities	40
MEA105B	Apply quality standards applicable to aviation maintenance processes	40
MEA107B	Interpret and use aviation maintenance industry manuals and specifications	40
MEA108B	Complete aviation maintenance industry documentation	40
MEA109B	Perform basic hand skills, standard trade practices and fundamentals in aviation maintenance	40
MEA118A	Conduct self in the aviation maintenance environment	20
MEA411A	Remove surface coatings from aircraft or aircraft components	40
MEA412A	Pre-treat aluminium alloy surfaces	40
MEA413A	Seal aircraft and aircraft component structural seams	40
MEA414A	Remove light corrosion from aircraft	80
MEA415A	Paint aircraft surfaces	60
MEA416A	Apply aircraft identification markings, graphics and decals	60
MEA417A	Apply specialty coatings to aircraft	80
MSAENV472B	Implement and monitor environmentally sustainable work practices	40
Group A Elective Units		
MEA113B	Supervise civil aircraft maintenance activities and manage human resources in the workplace	80
MEA116B	Apply occupational health and safety procedures at supervisor level in aviation maintenance	40
MEA302C	Remove and install aircraft hydro-mechanical and landing gear system components	60
MEA305C	Remove and install aircraft fixed wing flight control system components	60
TOTAL		996

MEA41110 – Certificate IV in Aircraft Life Support and Furnishing

Qualification Title	Certificate IV in Aircraft Life Support and Furnishing
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Qualification Code	MEA41110
Qualification Packaging Rules	To be awarded Certificate IV in Aircraft Life Support and Furnishing, competency must be demonstrated in 26 units of competency, as follows: <ul style="list-style-type: none"> ○ 10 Core common and imported units ○ 1 Elective unit from the common units listed in Group A ○ 15 Elective units from the technical stream and imported units listed in Group B

The following table outlines ONE example of a training program for this qualification. Please refer to the Training Package for the full details of available options.

EXAMPLE PROGRAM		
Unit Code	Unit Title	Nominal Hours
Core Units		
MEA101B	Interpret occupational health and safety practices in aviation maintenance	40
MEA103B	Plan and organise aviation maintenance work activities	40
MEA105B	Apply quality standards applicable to aviation maintenance processes	40
MEA107B	Interpret and use aviation maintenance industry manuals and specifications	40
MEA108B	Complete aviation maintenance industry documentation	40
MEA109B	Perform basic hand skills, standard trade practices and fundamentals in aviation maintenance	40
MEA115A	Plan and implement aeronautical product maintenance activities	40
MEA116B	Apply occupational health and safety procedures at supervisor level in aviation maintenance	40
MEA118A	Conduct self in the aviation maintenance environment	20
MSAENV472B	Implement and monitor environmentally sustainable work practices	40
Group A Elective Unit		
MEA114A	Certify aeronautical product maintenance	60
Group B Elective Units		
MEA411A	Remove surface coatings from aircraft or aircraft components	40
MEA412A	Pre-treat aluminium alloy surfaces	40
MEA416A	Apply aircraft identification markings, graphics and decals	60
MEA419A	Inspect and repair/modify aircraft cabin/cockpit non-primary structure components	50
MEA501A	Maintain and fit anti-G suits	30
MEA502A	Maintain and fit helmets	30
MEA503A	Maintain and fit immersion suits	30
MEA504A	Maintain and fit oxygen masks	30
MEA505A	Maintain and pack parachutes	30
MEA506A	Maintain and pack survival inflatable life rafts and escape slides	30
MEA507A	Maintain, pack and fit survival inflatable buoyancy vests	30
MEA508A	Maintain, install and remove restraint systems	30
MEA509A	Manufacture, repair and alter aircraft related fabric components	30
MEA510A	Maintain seat and pod electrical and electronic systems	30
MEA511A	Operate and maintain sewing machines and overlockers	50
TOTAL		980

MEA41210 – Certificate IV in Aeroskills (Armament)

Qualification Title	Certificate IV in Aeroskills (Armament)
Qualification Code	MEA41210
Qualification Packaging Rules	To be awarded the Certificate IV in Aeroskills (Armament) competency must be demonstrated in twenty two (22) Core units of competency, consisting of: <ul style="list-style-type: none"> • eight (8) common and imported units • fourteen (14) Technical stream units. <p>There are no elective units of competency for this qualification.</p>

Unit Code	Unit Title	Nominal Hours
Core Units		
MEA101B	Interpret occupational health and safety practices in aviation maintenance	40
MEA103B	Plan and organise aviation maintenance work activities	40
MEA105B	Apply quality standards applicable to aviation maintenance processes	40
MEA107B	Interpret and use aviation maintenance industry manuals and specifications	40
MEA108B	Complete aviation maintenance industry documentation	40
MEA109B	Perform basic hand skills, standard trade practices and fundamentals in aviation maintenance	40
MEA118A	Conduct self in the aviation maintenance environment	20
MEA201B	Remove and install miscellaneous aircraft electrical hardware/components	40
MEA203C	Remove and install advanced aircraft electrical system components	60
MEA211C	Inspect, test and troubleshoot advanced aircraft electrical systems and components	140
MEA246C	Fabricate and/or repair aircraft electrical hardware or parts	40
MEA260B	Use electrical test equipment	20
MEA261C	Use electronic test equipment	20
MEA262B	Modify/repair aircraft component single layer printed circuit boards	16
MEA301C	Perform aircraft flight servicing	120
MEA601A	Maintain aircraft egress systems	120
MEA602A	Remove and install aircraft stores management system components	60
MEA603A	Remove and install aircraft stores suspension systems and components	60
MEA604A	Inspect, test and troubleshoot aircraft stores management systems and components	60
MEA605A	Inspect, test and troubleshoot aircraft stores suspension systems and components	80
MSAENV272B	Participate in environmentally sustainable work practices	20
PUADEFEO101B	Work safely with explosive ordnance	50
TOTAL		1166

MEA50110 – Diploma of Aeroskills (Avionics)

Qualification Title	Diploma of Aeroskills (Avionics)
Qualification Code	MEA50110
Qualification Packaging Rules	To be awarded a Diploma of Aeroskills (Avionics) competency must be demonstrated in 31 or 32 units of competency, depending on the choice of elective specialist units. These units consist of: <ul style="list-style-type: none"> • 8 Core Diploma level (CASA licensing) units • 22 Core common and technical stream units from Certificate IV that are mandatory for a CASA B2 licence • Either Elective Group A (2 units) or Group B (one unit)

The qualification applies to individuals seeking the grant of a Civil Aviation Safety Authority (CASA) B2 Aircraft Maintenance Engineer Licence. Please refer to the Training Package for additional information

The following table outlines ONE example of a training program for this qualification. Please refer to the Training Package for the full details of available options.

EXAMPLE PROGRAM		
Unit Code	Unit Title	Nominal Hours
Core Units: Complete all 8 units listed below		
MEA111B	Perform administrative processes to prepare for certification of civil aircraft maintenance	40
MEA112B	Plan and implement civil aircraft maintenance activities	80
MEA113C	Supervise civil aircraft maintenance activities and manage human resources in the workplace	80
MEA116B	Apply occupational health and safety procedures at supervisor level in aviation maintenance	40
MEA142A	Manage self in the aviation maintenance environment	40
MEA235B	Perform advanced troubleshooting in aircraft avionics maintenance	210
MEA241B	Perform aircraft weight and balance calculations as a result of modifications	25
MSAENV472B	Implement and monitor environmentally sustainable work practices	40
Plus all the 22 Certificate EV common and avionics/mechanical technical stream units listed below		
MEA101B	Interpret occupational health and safety practices in aviation maintenance	40
MEA103B	Plan and organise aviation maintenance work activities	40
MEA105B	Apply quality standards applicable to aviation maintenance processes	40
MEA107B	Interpret and use aviation maintenance industry manuals and specifications	40
MEA108B	Complete aviation maintenance industry documentation	40
MEA109B	Perform basic hand skills, standard trade practices and fundamentals in aviation maintenance	40
MEA118A	Conduct self in the aviation maintenance environment	20
MEA201B	Remove and install miscellaneous aircraft electrical hardware/components	40
MEA203C	Remove and install advanced aircraft electrical system components	60
MEA205C	Remove and install advanced aircraft instrument system components	40
MEA206C	Remove and install aircraft basic radio communication and navigation system components	40
MEA207C	Remove and install aircraft electronic system components	140
MEA223C	Inspect aircraft electrical systems and components	40
MEA224B	Inspect aircraft instrument systems and components	40
MEA226C	Inspect aircraft electronic systems and components	50
MEA227C	Test and troubleshoot aircraft electrical systems and components	110

MEA228C	Test and troubleshoot aircraft instrument systems and components	150
MEA229C	Test and troubleshoot aircraft radio frequency navigation and communications systems and components	100
MEA232B	Test and troubleshoot aircraft pulse systems and components	80
MEA246C	Fabricate and/or repair aircraft electrical hardware or parts	40
MEA260B	Use electrical test equipment	20
MEA301C	Perform aircraft flight servicing	120
Group B Elective Unit		
MEA231B	Inspect, test and troubleshoot rotary wing aircraft automatic flight control systems and components	40
TOTAL		1925

MEA50210 – Diploma of Aeroskills (Mechanical)

Qualification Title	Diploma of Aeroskills (Mechanical)
Qualification Code	MEA50210
Qualification Packaging Rules	<p>To be awarded a Diploma of Aeroskills (Mechanical) competency must be demonstrated in 36 to 42 units, chosen as described below.</p> <p>All B1 licence sub-categories require the following 28 or 29 units:</p> <ul style="list-style-type: none"> • 10 Core Diploma level (CASA licensing) common, technical stream and imported units • 17 Core Certificate IV common and technical stream units • Elective technical stream units in either Group A (one unit) or Group B (two units) <p>Depending on the CASA B1 licence sub-category being sought, an additional 8 to 13 units are required, up to a maximum of 42 units for the qualification. All units must be chosen as specified under the conditions set out below:</p> <ul style="list-style-type: none"> ○ Group C Elective technical stream units required by CASA for a B1.1 licence - 11 or 13 units ○ Group D Elective technical stream units required by CASA for a B1.2 licence - 12 units ○ Group E Elective technical stream units required by CASA for a B1.3 licence - 9 units ○ Group F Elective technical stream units required by CASA for a B1.4 licence - 8 units

The qualification applies to individuals seeking the grant of a Civil Aviation Safety Authority (CASA) B1 Aircraft Maintenance Engineer Licence. Please refer to the Training Package for additional information.

The following table outlines those competencies common to all categories applicable to the B1 licence.

Please refer to the Training Package for the full details of available options.

EXAMPLE PROGRAM		
Unit Code	Unit Title	Nominal Hours
Core Units: Complete the 10 Diploma level core and mechanical technical stream units listed		
MEA111B	Perform administrative processes to prepare for certification of civil aircraft maintenance	40
MEA112B	Plan and implement civil aircraft maintenance activities	80
MEA113C	Supervise civil aircraft maintenance activities and manage human resources in the workplace	80
MEA116B	Apply occupational health and safety procedures at supervisor level in aviation maintenance	40
MEA142A	Manage self in the aviation maintenance environment	40
MEA323B	Perform advanced troubleshooting in aircraft mechanical maintenance	210
MEA325B	Weigh aircraft and perform aircraft weight and balance calculations as a result of modifications	40
MEA343B	Remove and install avionic system components	40
MEA365A	Assess structural repair/modification requirements and evaluate structural repairs and modifications	60
MSAENV472B	Implement and monitor environmentally sustainable work practices	40
Plus the following 17 core Certificate IV common and avionic/mechanical technical stream units listed below which are mandatory for all B1 licence sub-categories.		
MEA101B	Interpret occupational health and safety practices in aviation maintenance	40
MEA103B	Plan and organise aviation maintenance work activities	40
MEA105B	Apply quality standards applicable to aviation maintenance processes	40

MEA107B	Interpret and use aviation maintenance industry manuals and specifications	40
MEA108B	Complete aviation maintenance industry documentation	40
MEA109B	Perform basic hand skills, standard trade practices and fundamentals in aviation maintenance	40
MEA118A	Conduct self in the aviation maintenance environment	20
MEA201B	Remove and install miscellaneous aircraft electrical hardware/components	40
MEA203C	Remove and install advanced aircraft electrical system components	60
MEA246C	Fabricate and/or repair aircraft electrical hardware or parts	40
MEA260B	Use electrical test equipment	20
MEA301C	Perform aircraft flight servicing	120
MEA302C	Remove and install aircraft hydro-mechanical and landing gear system components	60
MEA303C	Remove and install aircraft pneumatic system components	60
MEA306C	Remove and install engines and engine system components	60
MEA328C	Maintain and/or repair aircraft mechanical components or parts	100
MEA339B	Inspect, repair and maintain aircraft structures	140
Elective Units		
Plus either group A OR Group B for ALL B1 licence categories		
Group A		
MEA211C	Inspect, test and troubleshoot advanced aircraft electrical systems and components	140
Group B Elective Units		
MEA223C	Inspect aircraft electrical systems and components	40
MEA227C	Test and troubleshoot aircraft electrical systems and components	110
Plus units that are mandatory CASA requirements for individual licence categories.		
Please refer to the Packaging Rules within the MEA07 V3 Training Package for the Listing of competencies for sub-categories B1.1, B1.2, B1.3 and B1.4 as detailed within Groups C, D, E & F.		
TOTAL		2430

MEA50310 – Diploma of Aviation Maintenance Management (Avionics)

Qualification Title	Diploma of Aviation Maintenance Management (Avionics)
Qualification Code	MEA50310
Qualification Packaging Rules	<p>To be awarded a Diploma of Aviation Maintenance Management (Avionics) competency must be demonstrated in a total of twenty three (23) units. Those articulating from MEA40610 Certificate IV in Aeroskills (Avionics) will require eleven (11) units.</p> <p>All units must be chosen as specified under the conditions set out below:</p> <ul style="list-style-type: none"> • 22 Core units consisting of 12 preliminary common and avionic technical stream units for those who do not have a Certificate IV in Aeroskills (Avionics) and 10 Core Diploma level common, engineering and imported units • One Elective Diploma level common unit from Group A

The following table outlines ONE example of a training program for this qualification. Please refer to the Training Package for the full details of available options.

EXAMPLE PROGRAM		
Unit Code	Unit Title	Nominal Hours
Certificate IV Core Units		
MEA101B	Interpret occupational health and safety practices in aviation maintenance	40
MEA105B	Apply quality standards applicable to aviation maintenance processes	40
MEA107B	Interpret and use aviation maintenance industry manuals and specifications	40
MEA108B	Complete aviation maintenance industry documentation	40
MEA109B	Perform basic hand skills, standard trade practices and fundamentals in aviation maintenance	40
MEA201B	Remove and install miscellaneous aircraft electrical hardware/components	40
MEA246B	Fabricate and/or repair aircraft electrical hardware or parts	40
MEA260B	Use electrical test equipment	20
MEA261B	Use electronic test equipment	20
MEA262B	Modify/repair aircraft component single layer printed circuit boards	16
MEA270A	Lay out avionic systems	120
MEA271A	Lay out avionic flight management systems	120
All must complete the following five (5) common Diploma units, four (4) para-professional engineering units and one (1) imported sustainability unit listed below.		
MEA116B	Apply occupational health and safety procedures at supervisor level in aviation maintenance	40
MEA121B	Manage aircraft/aeronautical product configuration	60
MEA133B	Communicate aviation technical and maintenance management knowledge	40
MEA135A	Use computers in aviation maintenance-related integrated logistic support activities	40
MEA142B	Manage self in the aviation maintenance environment	40
MEA272A	Apply basic scientific principles and techniques in avionic engineering situations	80
MEA273A	Select and test avionic engineering materials	60
MEM30007A	Select common engineering materials	40
MEM30012A	Apply mathematical techniques in a manufacturing engineering or related environment	60
MSAENV472B	Implement and monitor environmentally sustainable work practices	40

Group A Elective Units		
MEA136A	Assess aviation maintenance spares and manage repairable items	80
	TOTAL	1156

MEA50410 – Diploma of Aviation Maintenance Management (Mechanical)

Qualification Title	Diploma of Aviation Maintenance Management (Mechanical)
Qualification Code	MEA50410
Qualification Packaging Rules	<p>To be awarded a Diploma of Aviation Maintenance Management (Mechanical) competency must be demonstrated in a total of twenty one (21) units. Those articulating from a Certificate IV in Aeroskills (Mechanical) will require only eleven (11) units</p> <p>All units must be chosen as specified under the conditions set out below:</p> <ul style="list-style-type: none"> • 20 Core units consisting of 10 preliminary common and avionic technical stream units for those who do not have a Certificate IV in Aeroskills (Avionics) and 10 Core Diploma level common, engineering and imported units • One Elective Diploma level common unit from Group A

The following table outlines ONE example of a training program for this qualification. Please refer to the Training Package for the full details of available options.

EXAMPLE PROGRAM		
Unit Code	Unit Title	Nominal Hours
Certificate IV Core Units		
MEA101B	Interpret occupational health and safety practices in aviation maintenance	40
MEA105B	Apply quality standards applicable to aviation maintenance processes	40
MEA107B	Interpret and use aviation maintenance industry manuals and specifications	40
MEA108B	Complete aviation maintenance industry documentation	40
MEA109B	Perform basic hand skills, standard trade practices and fundamentals in aviation maintenance	40
MEA260B	Use electrical test equipment	20
MEA327B	Fabricate and/or repair aircraft mechanical components or parts	100
MEA340A	Lay out and set up aircraft systems	120
MEA341A	Apply basic aircraft design characteristics	120
MEA342A	Apply basic aircraft power plant design characteristics	120
All must complete the following five (5) common Diploma units, four (4) para-professional engineering units and one (1) imported sustainability unit listed below.		
MEA116B	Apply occupational health and safety procedures at supervisor level in aviation maintenance	40
MEA121B	Manage aircraft/aeronautical product configuration	60
MEA133B	Communicate aviation technical and maintenance management knowledge	40
MEA135A	Use computers in aviation maintenance-related integrated logistic support activities	40
MEA142B	Manage self in the aviation maintenance environment	40
MEA349A	Apply basic scientific principles and techniques in aeronautical engineering situations	120
MEA350A	Select and test aeronautical engineering materials	80
MEM30007A	Select common engineering materials	40
MEM30012A	Apply mathematical techniques in a manufacturing engineering or related environment	60
MSAENV472B	Implement and monitor environmentally sustainable work practices	40
Elective Unit		
MEA136A	Assess aviation maintenance spares and manage repairable items	80
TOTAL		1320

MEA60110 – Advanced Diploma of Aviation Maintenance Management (Avionics)

Qualification Title	Advanced Diploma of Aviation Maintenance Management (Avionics)
Qualification Code	MEA60110
Qualification Packaging Rules	<p>To be awarded an Advanced Diploma of Aviation Maintenance Management (Avionics), competency must be demonstrated in a total of nineteen (19) units:</p> <ul style="list-style-type: none"> • If a Diploma of Aviation Maintenance Management (Avionics) has been attained, nine (9) of the required units will be already held and the number of additional units required is ten (10). • In all other cases the number of units required is nineteen (19). <p>All units must be chosen as specified:</p> <ul style="list-style-type: none"> • 15 Core units consisting of engineering, common and imported units • 4 Elective units chosen from the common and imported units in Group A

The following table outlines ONE example of a training program for this qualification. Please refer to the Training Package for the full details of available options.

EXAMPLE PROGRAM		
Unit Code	Unit Title	Nominal Hours
Diploma Para-Professional Engineering Core Units		
MEA272A	Apply basic scientific principles and techniques in avionic engineering situations	80
MEA273A	Select and test avionic engineering materials	60
MEM30007A	Select common engineering materials	40
MEM30012A	Apply mathematical techniques in a manufacturing engineering or related environment	60
Adv Dip/Diploma Common and Imported Core Units		
MEA120B	Manage an aviation maintenance quality system	60
MEA121B	Manage aircraft/aeronautical product configuration	60
MEA123B	Manage work environment policy and practices	40
MEA124B	Coordinate change programs in the aviation maintenance environment	40
MEA125B	Develop aviation maintenance personnel	40
MEA133B	Communicate aviation technical and maintenance management knowledge	40
MEA134A	Establish, maintain and evaluate the organisation's occupational health and safety system	40
MEA135A	Use computers in aviation maintenance-related integrated logistic support activities	40
MEA141B	Manage risk in aviation maintenance	60
MEA142B	Manage self in the aviation maintenance environment	40
MSAENV672B	Develop workplace policy and procedures for sustainability	50
Group A Elective Units		
MEA126B	Manage aircraft maintenance activities	100
MEA127B	Provide technical advice in the maintenance and management of aircraft and aeronautical product	80
MEA130A	Manage deployed/detached aviation maintenance activities	120
MEA139A	Perform aviation maintenance - related integrated logistic support management activities	120
TOTAL		1170

MEA60210 – Advanced Diploma of Aviation Maintenance Management (Mechanical)

Qualification Title	Advanced Diploma of Aviation Maintenance Management (Mechanical)
Qualification Code	MEA60210
Qualification Packaging Rules	<p>To be awarded an Advanced Diploma of Aviation Maintenance Management (Mechanical), competency must be demonstrated in a total of nineteen (19) units:</p> <ul style="list-style-type: none"> • If Diploma of Aviation Maintenance Management (Mechanical) has been achieved, the number of units required is ten (10). • In all other cases, the number of units required is nineteen (19). <p>All units must be chosen as specified:</p> <ul style="list-style-type: none"> • 15 Core units consisting of engineering, common and imported units • 4 Elective units chosen from the common and imported units in Group A

The following table outlines ONE example of a training program for this qualification. Please refer to the Training Package for the full details of available options.

EXAMPLE PROGRAM		
Unit Code	Unit Title	Nominal Hours
Diploma Para-Professional Engineering Core Units		
MEA349A	Apply basic scientific principles and techniques in aeronautical engineering situations	120
MEA350A	Select and test aeronautical engineering materials	80
MEM30007A	Select common engineering materials	40
MEM30012A	Apply mathematical techniques in a manufacturing engineering or related environment	60
Adv Dip/Diploma Common and Imported Core Units		
MEA120B	Manage an aviation maintenance quality system	60
MEA121B	Manage aircraft/aeronautical product configuration	60
MEA123B	Manage work environment policy and practices	40
MEA124B	Coordinate change programs in the aviation maintenance environment	40
MEA125B	Develop aviation maintenance personnel	40
MEA133B	Communicate aviation technical and maintenance management knowledge	40
MEA134B	Establish, maintain and evaluate the organisation's occupational health and safety system	40
MEA135A	Use computers in aviation maintenance-related integrated logistic support activities	40
MEA141B	Manage risk in aviation maintenance	60
MEA142B	Manage self in the aviation maintenance environment	40
MSAENV672B	Develop workplace policy and procedures for sustainability	50
Elective Units		
MEA127B	Provide technical advice in the maintenance and management of aircraft and aeronautical product	80
MEA128B	Provide engineering advice in the modification, maintenance and management of aircraft systems	80
MEA129A	Investigate technical aspects of aviation occurrences	80
MEA130A	Manage deployed/detached aviation maintenance activities	120
TOTAL		1170