**Victorian Purchasing Guide**

**for**

**MEA   
Aeroskills Training Package**

**Release 4**

**October 2019**

© State of Victoria (Department of Education and Training) 2019**.**

Copyright of this material is reserved to the Crown in the right of the State of Victoria. This work is licensed under a Creative Commons Attribution-NoDerivs 3.0 Australia licence (more information is available [here](http://creativecommons.org/licenses/by-nd/3.0/au/)). You are free to use, copy and distribute to anyone in its original form as long as you attribute Higher Education and Skills, Department of Education and Training (DET) as the author, and you license any derivative work you make available under the same licence.

**Disclaimer**

In compiling the information contained in and accessed through this resource, the Department of Education and Training has used its best endeavours to ensure that the information is correct and current at the time of publication but takes no responsibility for any error, omission or defect therein.

To the extent permitted by law, DET, its employees, agents and consultants exclude all liability for any loss or damage (including indirect, special or consequential loss or damage) arising from the use of, or reliance on the information contained herein, whether caused or not by any negligent act or omission. If any law prohibits the exclusion of such liability, DET limits its liability to the extent permitted by law, for the resupply of the information.

**Third party sites**

This resource may contain links to third party websites and resources. DET is not responsible for the condition or content of these sites or resources as they are not under its control.

Third party material linked from this resource is subject to the copyright conditions of the third party. Users will need to consult the copyright notice of the third party sites for conditions of usage.

Victorian Purchasing Guide ⎯ Release History

**Note**: RTOs should refer to the [National Register](https://training.gov.au/Home/Tga) for the detail of changes made in each Release.

| Training Package Release | **Date VPG Approved** | | Comments |
| --- | --- | --- | --- |
| MEA Aeroskills Training Package  Release No 4 | | 18 October  2019 | This Victorian Purchasing Guide for Release 4 of the MEA Aeroskills Training Package reflects the following changes:   * **MEA50219 Diploma of Aeroskills (Mechanical):** Non-equivalent qualification with year code change due to addition of two elective unit groups to meet the requirements of Civil Aviation Safety Authority (CASA) licence subcategories B1.2 and B1.4. * Minor amendments to references to regulations so as to allow flexibility in their application for 12 units. |
| MEA Aeroskills Training Package  Release No 3 | | July  2019 | Upgrade to MEA41119 Certificate IV in Aeronautical Life Support Equipment:   * Qualification with year code change due to replacement of core unit MSMENV472 Implement and monitor environmentally sustainable work practice with MSMENV272 Participate in environmentally sustainable work practices * Change to the packaging rules: Increase in the number of elective units that may be selected from a different qualification in the MEA Aeroskills Training Package or another endorsed Training Package (from one elective unit to ‘up to two’) |
| MEA Aeroskills  Training Package  Release No 2 | | October 2018 | This Victorian Purchasing Guide for Release 2 of the MEA Aeroskills Training Package reflects the following changes:   * All 25 equivalent qualifications with code changes due to unit code changes * One new unit of competency: * MEA731 Perform aircraft weight control activities * 2 revised non-equivalent units of competency: * 13 equivalent units of competency with code changes as a result of changed prerequisites * 8 equivalent units of competency with code changes due to changed titles * Refer to Companion Volume Implementation Guide (CVIG) for more detailed information. |
| MEA Aeroskills Training Package Release No 1 | | April  2015 | This Victorian Purchasing Guide reflects the initial release of the MEA Aeroskills Training Package (Release 1.0) |

**MEA Aeroskills Training Package Release 4  
Victorian Purchasing Guide**

**CONTENTS**

[INTRODUCTION 2](#_Toc11847573)

[What is a Victorian Purchasing Guide? 2](#_Toc11847574)

[Registration 2](#_Toc11847575)

[Transition 2](#_Toc11847576)

[QUALIFICATIONS 3](#_Toc11847577)

[UNITS OF COMPETENCY AND NOMINAL HOURS 4](#_Toc11847578)

[CONTACTS AND LINKS 15](#_Toc11847579)

[GLOSSARY 16](#_Toc11847580)

INTRODUCTION

What is a Victorian Purchasing Guide?

The Victorian Purchasing Guide provides information for use by Registered Training Organisations (RTOs) in the provision of Victorian government subsidised training.

Specifically the Victorian Purchasing Guide provides the following information related to the delivery of nationally endorsed Training Packages in Victoria:

* The maximum and minimum payable hours available for each qualification.
* Nominal hours for each unit of competency within the Training Package.

Registration

RTOs must be registered by either the Victorian Registration and Qualifications Authority (VRQA) or the Australian Skills Qualification Authority (ASQA) regulatory body to be eligible to issue qualifications and Statements of Attainment under the Australian Qualifications Framework (AQF).

The VRQA is the regulatory authority in Victoria responsible for the registration of Vocational Education and Training (VET) providers who offer courses to domestic students in Victoria only.

ASQA is the regulatory authority responsible for the registration of VET providers who offer training in Victoria, nationally and / or internationally.

Transition

The relationship between new units and any superseded or replaced units from the previous version of

**MEA Aeroskills Training Package Release 4** is provided in theTraining PackageCompanionVolume Implementation Guide, available [here](https://vetnet.education.gov.au/Pages/default.aspx).

Information regarding transition arrangements can be obtained from the state or national VET Regulatory Authority (see Contacts and Links section).

RTOs must ensure that all training and assessment leading to issuance of qualifications or Statements of Attainment from the **MEA Aeroskills Training Package Release 4** is conducted against the Training Package units of competency and complies with the assessment requirements.

QUALIFICATIONS

|  |  |  |  |
| --- | --- | --- | --- |
| **Code** | **Title** | **Minimum Payable Hours** | **Maximum Payable Hours** |
| MEA20418 | Certificate II in Aeroskills | 495 | 520 |
| MEA20518 | Certificate II in Aircraft Line Maintenance | 590 | 620 |
| MEA20618 | Certificate II in Aircraft Surface Finishing | 410 | 430 |
| MEA30118 | Certificate III in Aircraft Surface Finishing | 695 | 730 |
| MEA30218 | Certificate III in Aeroskills (Mechatronics) | 1285 | 1350 |
| MEA30318 | Certificate III in Aircraft Life Support and Furnishing | 830 | 870 |
| MEA40618 | Certificate IV in Aeroskills (Avionics) | 1415 | 1490 |
| MEA40718 | Certificate IV in Aeroskills (Mechanical) | 1475 | 1550 |
| MEA40918 | Certificate IV in Aircraft Surface Finishing | 1065 | 1120 |
| MEA41018 | Certificate IV in Aeroskills (Mechatronics) | 1845 | 1940 |
| MEA41119 | Certificate IV in Aeronautical Life Support Equipment | 1060 | 1110 |
| MEA41218 | Certificate IV in Aeroskills (Armament) | 1045 | 1110 |
| MEA41318 | Certificate IV in Aeroskills (Structures) | 1285 | 1350 |
| MEA50118 | Diploma of Aeroskills (Avionics) | 1980 | 2085 |
| MEA50219 | Diploma of Aeroskills (Mechanical) | 2815 | 2960 |
| MEA50318 | Diploma of Aviation Maintenance Management (Avionics) | 610 | 640 |
| MEA50418 | Diploma of Aviation Maintenance Management (Mechanical) | 665 | 700 |
| MEA50518 | Diploma of Aeroskills (Non-Destructive Testing) | 1055 | 1110 |
| MEA50618 | Diploma of Aeronautical Engineering | 1405 | 1480 |
| MEA50718 | Diploma of Avionic Engineering | 1290 | 1360 |
| MEA60118 | Advanced Diploma of Aviation Maintenance Management (Avionics) | 1095 | 1150 |
| MEA60218 | Advanced Diploma of Aviation Maintenance Management (Mechanical) | 1205 | 1270 |
| MEA60318 | Advanced Diploma of Aviation Non-Destructive Testing | 1795 | 1890 |
| MEA60418 | Advanced Diploma of Aeronautical Engineering | 1890 | 1990 |
| MEA60518 | Advanced Diploma of Avionic Engineering | 1890 | 1990 |

UNITS OF COMPETENCY AND NOMINAL HOURS

| Unit Code | Unit Title | Nominal Hours |
| --- | --- | --- |
| MEA107 | Interpret and use aviation maintenance industry manuals and specifications | 20 |
| MEA111 | Perform administrative processes to prepare for certification of civil aircraft maintenance | 40 |
| MEA112 | Plan and implement civil aircraft maintenance activities | 80 |
| MEA113 | Supervise civil aircraft maintenance activities and manage human resources in the workplace | 80 |
| MEA114 | Certify aeronautical product maintenance | 60 |
| MEA115 | Plan and implement aeronautical product maintenance activities | 40 |
| MEA116 | Apply work health and safety procedures at supervisor level in aviation maintenance | 40 |
| MEA117 | Apply self in the aviation maintenance environment | 20 |
| MEA118 | Conduct self in the aviation maintenance environment | 20 |
| MEA119 | Perform administrative processes to prepare for certification of civil aircraft A level line maintenance | 60 |
| MEA120 | Manage an aviation maintenance quality system | 60 |
| MEA123 | Manage aviation maintenance work environment policy and practices | 40 |
| MEA125 | Develop aviation maintenance personnel | 40 |
| MEA126 | Manage aircraft maintenance activities | 100 |
| MEA127 | Provide technical advice in the maintenance and management of aircraft and aeronautical product | 80 |
| MEA128 | Provide engineering advice in the modification, maintenance and management of aircraft systems | 80 |
| MEA129 | Investigate technical aspects of aviation occurrences | 80 |
| MEA130 | Manage deployed/detached aviation maintenance activities | 120 |
| MEA131 | Manage the custody, transfer and disposal of aircraft, aeronautical product and support equipment | 40 |
| MEA132 | Manage budgetary resources in the aviation maintenance environment | 60 |
| MEA134 | Establish, maintain and evaluate the organisation’s occupational health and safety system | 40 |
| MEA135 | Use computers in aviation maintenance-related integrated logistic support activities | 40 |
| MEA139 | Perform aviation maintenance – related integrated logistic support management activities | 120 |
| MEA140 | Supervise aviation maintenance teams and perform maintenance quality inspections | 40 |
| MEA141 | Manage risk in aviation maintenance | 60 |
| MEA142 | Manage self in the aviation maintenance environment | 40 |
| MEA143 | Develop and manage maintenance error management programs | 60 |
| MEA144 | Coordinate change programs in the aviation maintenance environment | 40 |
| MEA145 | Conversion from allied trades for employment in aviation maintenance workshops | 60 |
| MEA146 | Prepare and manage aviation maintenance organisation budgets and financial plans | 70 |
| MEA148 | Apply mathematics and physics in aviation maintenance | 60 |
| MEA153 | Communicate aviation technical and maintenance management knowledge | 40 |
| MEA154 | Apply work health and safety practices in aviation maintenance | 40 |
| MEA155 | Plan and organise aviation maintenance work activities | 20 |
| MEA156 | Apply quality standards applicable to aviation maintenance processes | 20 |
| MEA157 | Complete aviation maintenance industry documentation | 20 |
| MEA158 | Perform basic hand skills, standard trade practices and fundamentals in aviation maintenance | 80 |
| MEA159 | Manage aircraft and aeronautical product configuration | 60 |
| MEA160 | Manage aircraft and equipment system performance testing | 80 |
| MEA161 | Assess aviation maintenance spares and manage repairable items | 80 |
| MEA162 | Write aviation technical publications | 40 |
| MEA163 | Perform aviation technical publication management activities | 40 |
| MEA164 | Perform airworthiness management and maintenance program tasks | 60 |
| MEA201 | Remove and install miscellaneous aircraft electrical hardware/components | 120 |
| MEA202 | Remove and install basic aircraft electrical system components | 20 |
| MEA203 | Remove and install advanced aircraft electrical system components | 60 |
| MEA204 | Remove and install basic aircraft instrument system components | 20 |
| MEA206 | Remove and install aircraft basic radio communication and navigation system components | 40 |
| MEA208 | Remove and install aircraft pressurisation control system components | 60 |
| MEA209 | Remove and install aircraft oxygen system components | 60 |
| MEA210 | Inspect, test and troubleshoot basic aircraft electrical systems and components | 80 |
| MEA212 | Inspect, test and troubleshoot basic aircraft instrument systems and components | 80 |
| MEA213 | Inspect, test and troubleshoot advanced aircraft instrument systems | 160 |
| MEA214 | Inspect, test and troubleshoot aircraft basic communication and radio navigation systems and components | 160 |
| MEA215 | Inspect, test and troubleshoot advanced aircraft communications systems and components | 160 |
| MEA216 | Inspect, test and troubleshoot instrument landing systems and components | 60 |
| MEA217 | Inspect, test and troubleshoot fixed wing autopilot systems and components | 60 |
| MEA218 | Inspect, test and troubleshoot rotary wing autopilot systems and components | 60 |
| MEA219 | Inspect, test and troubleshoot aircraft pressurisation control systems and components | 60 |
| MEA220 | Inspect, test and troubleshoot aircraft primary radar systems and components | 120 |
| MEA221 | Inspect, test and troubleshoot aircraft secondary radar systems and components | 60 |
| MEA222 | Inspect, test and troubleshoot aircraft oxygen systems and components | 60 |
| MEA223 | Inspect aircraft electrical systems and components | 40 |
| MEA224 | Inspect aircraft instrument systems and components | 40 |
| MEA225 | Inspect fixed wing aircraft automatic flight control systems and components | 40 |
| MEA226 | Inspect aircraft electronic systems and components | 60 |
| MEA227 | Test and troubleshoot aircraft electrical systems and components | 120 |
| MEA228 | Test and troubleshoot aircraft instrument systems and components | 170 |
| MEA229 | Test and troubleshoot aircraft radio frequency navigation and communications systems and components | 120 |
| MEA230 | Test and troubleshoot fixed wing aircraft automatic flight control systems and components | 60 |
| MEA231 | Inspect, test and troubleshoot rotary wing aircraft automatic flight control systems and components | 80 |
| MEA232 | Test and troubleshoot aircraft pulse systems and components | 140 |
| MEA233 | Inspect, test and troubleshoot aircraft inertial navigation and reference systems and components | 40 |
| MEA234 | Inspect, test and troubleshoot aircraft global navigation systems and components | 40 |
| MEA235 | Perform advanced troubleshooting in aircraft avionic maintenance | 210 |
| MEA238 | Perform routine removal and installation of miscellaneous aircraft electrical hardware/components | 20 |
| MEA239 | Fabricate aircraft electrical looms and harnesses | 70 |
| MEA241 | Perform aircraft weight and balance calculations as a result of modifications | 25 |
| MEA246 | Fabricate and/or repair aircraft electrical hardware or parts | 60 |
| MEA252 | Test, align and troubleshoot aircraft synchro and servo system components | 40 |
| MEA261 | Use electronic test equipment | 20 |
| MEA262 | Modify/repair aircraft component single layer printed circuit boards | 20 |
| MEA263 | Modify/repair aircraft component multi-layer printed circuit boards | 20 |
| MEA264 | Remove and install aircraft electrical/avionic components during line maintenance | 20 |
| MEA265 | Remove and install general aircraft electrical hardware | 40 |
| MEA266 | Terminate and repair aircraft optical fibre cable | 40 |
| MEA270 | Lay out avionic systems | 120 |
| MEA271 | Lay out avionic flight management systems | 120 |
| MEA274 | Maintain basic light aircraft electrical systems and components | 60 |
| MEA275 | Maintain basic light aircraft instrument systems and components | 60 |
| MEA276 | Maintain basic aircraft communication and radio navigation systems and components | 60 |
| MEA277 | Maintain twin engine aircraft electrical systems and components | 60 |
| MEA278 | Inspect, test and troubleshoot instrument display systems and components | 60 |
| MEA279 | Inspect, test and troubleshoot full authority digital engine control systems | 60 |
| MEA280 | Inspect, test and troubleshoot flight management systems and components | 60 |
| MEA281 | Maintain light aircraft AC powered instrument systems and components | 60 |
| MEA282 | Repair or overhaul aircraft pulse system components | 60 |
| MEA283 | Repair or overhaul aircraft display, control and distribution system components | 60 |
| MEA284 | Repair or overhaul aircraft instrument system components | 60 |
| MEA285 | Repair or overhaul aircraft radio frequency communication and navigation system components | 60 |
| MEA286 | Repair or overhaul aircraft electrical/electro-mechanical components | 60 |
| MEA287 | Repair or overhaul aircraft oxygen system components | 60 |
| MEA288 | Repair or overhaul aircraft audio and visual systems and reproducers | 60 |
| MEA290 | Fit avionic modification sheet metal components | 60 |
| MEA291 | Inspect, test and troubleshoot fixed wing single axis autopilot systems and components | 80 |
| MEA292 | Remove and install advanced aircraft instrument system components | 40 |
| MEA293 | Remove and install aircraft electronic system components | 40 |
| MEA294 | Inspect, test and troubleshoot advanced aircraft electrical systems and components | 160 |
| MEA295 | Use electrical test equipment to perform basic electrical tests on aircraft and components | 70 |
| MEA296 | Use electrical test equipment in aviation maintenance activities | 20 |
| MEA297 | Maintain basic avionic systems and components | 60 |
| MEA3000 | Maintain small piston engine aircraft pressurisation systems | 80 |
| MEA301 | Perform aircraft flight servicing | 100 |
| MEA303 | Remove and install aircraft pneumatic system components | 80 |
| MEA304 | Remove and install non-pressurised aircraft structural and non-structural components | 60 |
| MEA305 | Remove and install aircraft fixed wing flight control system components | 60 |
| MEA306 | Remove and install engines and engine system components | 80 |
| MEA307 | Remove and install propeller systems and components | 100 |
| MEA308 | Remove and install rotary wing rotor and flight control system components | 60 |
| MEA309 | Inspect, test and troubleshoot aircraft hydro-mechanical and landing gear systems and components | 120 |
| MEA310 | Inspect, test and troubleshoot aircraft pneumatic systems and components | 80 |
| MEA312 | Inspect, test and troubleshoot aircraft fixed wing flight control systems and components | 80 |
| MEA313 | Inspect, test and troubleshoot piston engine systems and components | 200 |
| MEA314 | Inspect, test and troubleshoot gas turbine engine systems and components | 200 |
| MEA315 | Inspect, test and troubleshoot propeller systems and components | 80 |
| MEA316 | Inspect, test and troubleshoot rotary wing rotor and control systems and components | 80 |
| MEA317 | Remove and install pressurised aircraft structural and non-structural components | 80 |
| MEA318 | Inspect aircraft hydro-mechanical, mechanical, gaseous and landing gear systems and components | 80 |
| MEA319 | Inspect gas turbine engine systems and components | 80 |
| MEA320 | Test and troubleshoot aircraft hydro-mechanical, mechanical, gaseous and landing gear systems and components | 40 |
| MEA321 | Test and troubleshoot aircraft fixed wing flight control systems and components | 80 |
| MEA322 | Test and troubleshoot gas turbine engine systems and components | 80 |
| MEA323 | Perform advanced troubleshooting in aircraft mechanical maintenance | 160 |
| MEA325 | Weigh aircraft and perform aircraft weight and balance calculations as a result of modifications | 40 |
| MEA327 | Fabricate and/or repair aircraft mechanical components or parts | 140 |
| MEA328 | Maintain and/or repair aircraft mechanical components or parts | 100 |
| MEA329 | Dismantle, inspect, maintain and assemble aircraft basic hydraulic and pneumatic components or parts | 120 |
| MEA330 | Dismantle, inspect, maintain and assemble aircraft non-primary structural removable components or parts and internal fittings | 60 |
| MEA331 | Dismantle, inspect, maintain and assemble aircraft gas turbine engine components or parts | 70 |
| MEA332 | Dismantle, inspect, maintain and assemble aircraft mechanical components or parts | 70 |
| MEA333 | Dismantle, inspect, maintain and assemble aircraft piston engine components or parts | 70 |
| MEA339 | Inspect, repair and maintain aircraft structures | 140 |
| MEA341 | Apply basic aircraft design characteristics | 120 |
| MEA342 | Apply basic aircraft power plant design characteristics | 120 |
| MEA343 | Remove and install avionic system components | 40 |
| MEA344 | Remove and install aircraft components | 60 |
| MEA345 | Perform scheduled line maintenance activities on gas turbine engine fixed wing aircraft | 80 |
| MEA346 | Perform scheduled line maintenance activities on gas turbine engine rotary wing aircraft | 80 |
| MEA347 | Perform scheduled line maintenance activities on piston engine fixed wing aircraft | 80 |
| MEA348 | Perform scheduled line maintenance activities on piston engine rotary wing aircraft | 80 |
| MEA351 | Maintain airframe systems of basic light fixed wing aircraft | 100 |
| MEA352 | Maintain basic rotary wing aircraft systems | 120 |
| MEA353 | Maintain basic light aircraft engines and propellers | 80 |
| MEA354 | Maintain light aircraft pneumatic systems | 80 |
| MEA355 | Maintain light aircraft air cycle air conditioning systems | 60 |
| MEA357 | Inspect, test and repair aircraft fabric surfaces | 60 |
| MEA358 | Re-cover aircraft fabric surfaces | 60 |
| MEA359 | Inspect and repair aircraft wooden structures | 60 |
| MEA360 | Maintain aircraft diesel engines | 80 |
| MEA361 | Maintain aircraft two stroke petrol engines | 80 |
| MEA362 | Maintain aircraft vapour cycle air conditioning systems | 60 |
| MEA364 | Maintain and/or repair small aircraft mechanical components or parts | 100 |
| MEA365 | Assess structural repair/modification requirements and evaluate structural repairs and modifications | 60 |
| MEA366 | Perform borescope inspections | 60 |
| MEA367 | Repair/modify aircraft composite structure using cold bonding | 40 |
| MEA368 | Shot peen aircraft components | 60 |
| MEA369 | Inspect and maintain structures and related components of non-pressurised small aircraft | 60 |
| MEA370 | Repair the structure of non-pressurised small aircraft | 60 |
| MEA371 | Perform major repairs and modifications to small aircraft metal structure | 100 |
| MEA372 | Perform mechanical elementary maintenance | 60 |
| MEA380 | Repair and/or overhaul aircraft hydraulic system components | 120 |
| MEA381 | Repair and/or overhaul aircraft pneumatic system components | 120 |
| MEA382 | Repair and/or overhaul aircraft fuel system components | 80 |
| MEA383 | Repair and/or overhaul gas turbine engine air inlet and compressor components and/or modules | 80 |
| MEA384 | Repair and/or overhaul gas turbine engine combustion section components and/or modules | 80 |
| MEA385 | Repair and/or overhaul gas turbine engine turbine and exhaust section components | 80 |
| MEA386 | Repair and/or overhaul gas turbine engine ancillary section components | 80 |
| MEA387 | Test gas turbine engines and engine modules after overhaul or repair | 80 |
| MEA389 | Repair and/or overhaul propellers | 120 |
| MEA390 | Repair and/or overhaul rotary wing dynamic components | 200 |
| MEA391 | Repair and/or overhaul aircraft mechanical system components | 140 |
| MEA392 | Disassemble aircraft piston engines | 40 |
| MEA393 | Repair and/or overhaul aircraft piston engine cylinder assembly components | 40 |
| MEA394 | Repair and/or overhaul aircraft piston engine crankcase assembly components | 40 |
| MEA395 | Reassemble aircraft piston engines | 40 |
| MEA396 | Assemble aircraft piston engine quick engine change unit | 30 |
| MEA397 | Test aircraft piston engines after repair or overhaul | 40 |
| MEA398 | Remove and install aircraft hydro-mechanical and landing gear system components | 100 |
| MEA399 | Lay out and set up aircraft systems | 120 |
| MEA401 | Inspect aircraft structures | 100 |
| MEA405 | Repair/modify aircraft composite material structure/components | 160 |
| MEA406 | Repair/modify aircraft non-primary structural sheetmetal components | 70 |
| MEA407 | Repair/modify aircraft non-primary structural non-metallic components | 70 |
| MEA410 | Maintain aircraft structure/components | 40 |
| MEA411 | Remove surface coatings from aircraft or aircraft components | 40 |
| MEA412 | Pre-treat aluminium alloy surfaces | 40 |
| MEA413 | Seal aircraft and aircraft component structural seams | 40 |
| MEA414 | Remove light corrosion from aircraft | 80 |
| MEA415 | Paint aircraft surfaces | 60 |
| MEA416 | Apply aircraft identification markings, graphics and decals | 60 |
| MEA417 | Apply specialty coatings to aircraft | 80 |
| MEA418 | Perform basic repair of aircraft internal fittings during line maintenance | 40 |
| MEA420 | Fabricate basic structural components for aircraft | 100 |
| MEA421 | Fabricate advanced structural components for aircraft | 100 |
| MEA422 | Repair/modify aircraft metal structure | 120 |
| MEA423 | Aircraft structure major disassembly and reassembly | 100 |
| MEA424 | Evaluate aircraft non-destructive tests | 60 |
| MEA425 | Perform bolted composite skin repairs | 30 |
| MEA430 | Gas weld aircraft components | 20 |
| MEA431 | Braze weld aircraft components | 20 |
| MEA432 | Weld aircraft components using the gas tungsten arc welding process | 40 |
| MEA433 | Weld aircraft components using the gas metal arc welding process | 40 |
| MEA434 | Weld aircraft components using the plasma arc welding process | 40 |
| MEA435 | Weld aircraft components using the manual metal arc welding process | 40 |
| MEA436 | Inspect, repair and modify non-primary structure components in aircraft cabins and cockpits | 60 |
| MEA501 | Maintain and fit anti-G suits | 40 |
| MEA502 | Maintain and fit helmets | 40 |
| MEA503 | Maintain and fit immersion suits | 40 |
| MEA504 | Maintain and fit oxygen masks | 40 |
| MEA505 | Maintain and pack parachutes | 60 |
| MEA507 | Maintain, pack and fit survival inflatable buoyancy vests | 40 |
| MEA508 | Maintain, install and remove restraint systems | 40 |
| MEA509 | Manufacture, repair and alter aircraft related fabric components | 40 |
| MEA510 | Maintain seat and pod electrical and electronic systems | 40 |
| MEA511 | Operate and maintain sewing machines and overlockers | 40 |
| MEA512 | Maintain general aviation recovery devices with ballistic parachute systems | 60 |
| MEA513 | Maintain and pack survival inflatable life rafts | 40 |
| MEA514 | Maintain and pack escape slides | 40 |
| MEA601 | Maintain aircraft egress systems | 120 |
| MEA602 | Remove and install aircraft stores management system components | 60 |
| MEA603 | Remove and install aircraft stores suspension systems and components | 60 |
| MEA604 | Inspect, test and troubleshoot aircraft stores management systems and components | 60 |
| MEA605 | Inspect, test and troubleshoot aircraft stores suspension systems and components | 80 |
| MEA701 | Produce aeronautical engineering related graphics | 80 |
| MEA702 | Produce avionic engineering related graphics | 80 |
| MEA703 | Apply aeronautical modelling for computer aided engineering | 80 |
| MEA704 | Apply avionic modelling for computer aided engineering | 80 |
| MEA705 | Apply basic scientific principles and techniques in aeronautical engineering situations | 120 |
| MEA706 | Apply basic scientific principles and techniques in avionic engineering situations | 60 |
| MEA707 | Select and test aeronautical engineering materials | 80 |
| MEA708 | Select and test avionic engineering materials | 80 |
| MEA709 | Apply aeronautical structure design techniques | 80 |
| MEA710 | Apply aeronautical system design techniques | 80 |
| MEA711 | Apply avionic analogue design techniques | 80 |
| MEA712 | Apply avionic digital design techniques | 80 |
| MEA713 | Integrate aeronautical fundamentals into an engineering task | 80 |
| MEA714 | Integrate avionic fundamentals into an engineering task | 80 |
| MEA715 | Evaluate aeroplane flight control systems | 80 |
| MEA716 | Evaluate avionic analogue systems | 80 |
| MEA717 | Evaluate avionic digital systems | 80 |
| MEA718 | Evaluate rotorcraft flight control systems | 80 |
| MEA719 | Evaluate aircraft electrical systems | 80 |
| MEA720 | Evaluate aircraft gas turbine engine power plants | 80 |
| MEA721 | Evaluate aircraft hydro-mechanical systems | 80 |
| MEA722 | Evaluate aircraft piston engine power plants | 80 |
| MEA723 | Evaluate aircraft pneumatic systems | 80 |
| MEA724 | Evaluate aircraft structure | 80 |
| MEA725 | Apply advanced scientific principles and techniques in avionic engineering situations | 60 |
| MEA726 | Apply aircraft electrical system design techniques | 60 |
| MEA727 | Apply calculus in avionic engineering situations | 60 |
| MEA729 | Apply configuration management procedures in airworthiness engineering management | 80 |
| MEA730 | Apply systems engineering procedures to airworthiness engineering design project management | 80 |
| MEA731 | Perform aircraft weight control activities | 80 |

CONTACTS AND LINKS

|  |  |  |
| --- | --- | --- |
| **Curriculum Maintenance Manager (CMM)** | | |
| Engineering  Industries | The CMM Service is provided on behalf of Higher Education and Skills.  CMM Service Executive Officers can assist with questions on payable and nominal hours. | George Adda  Box Hill Institute of TAFE,  Private Bag 2014, Box Hill,  Victoria, 3128  Phone: (03) 9286 9880  Fax: (03) 9286 9800  Email: [g.adda@bhtafe.edu.au](mailto:g.adda@bhtafe.edu.au) |
| **Service Skills Organisation (SSO)** | | |
| Innovation &  Business Skills  Australia (IBSA) | This SSO is responsible for developing this **MEA – Aeroskills Training Package** and can be contacted for further information. | Address:  Level 11, 176 Wellington Parade,  East Melbourne, VIC 3002.  Phone: 03 9815 7099  Email: [manufacturing@ibsa.org.au](mailto:manufacturing@ibsa.org.au)  The IBSA website can be found [here](https://www.ibsa.org.au/manufacturing-sso/). |
| **National Register for VET in Australia** | | |
| Training.gov.au (TGA) | TGA is the Australian government’s official National Register of information on Training Packages, qualifications, courses, units of competency and RTOs. | National Register website can be found [here](http://training.gov.au). |
| **Australian Government** | | |
| Department of Employment, Skills, Small and Family Business | The Commonwealth Department is responsible for national policies and programmes that help Australians access quality vocational education and training. | The Commonwealth Department of Employment, Skills, Small and Family Business website can be found [here](https://www.jobs.gov.au/) |
| **State Government** | | |
| Department of Education and Training (DET) | DET is the State Training Authority responsible for supporting implementation of Vocational Education and Training (VET) in Victoria. | (03) 9637 2000  The Victorian Department of Education and Training website can be found [here](http://www.education.vic.gov.au/) |
| **National VET Regulatory Authority** | | |
| Australian Skills Quality Authority (ASQA) | ASQA is the national regulator for Australia’s VET sector. | Info line: 1300 701 801  ASQA’s website can be found [here](http://www.asqa.gov.au/) |
| **Victorian VET Regulatory Authority** | | |
| Victorian Registration and Qualifications Authority (VRQA) | The VRQA is a statutory authority responsible for the registration and regulation of Victorian RTOs and for the regulation of apprenticeships and traineeships in Victoria. | (03) 9637 2806  VRQA’s website can be found [here](http://www.vrqa.vic.gov.au/) |
| **Industry Regulatory Bodies** | | |
| CASA Civil Aviation Safety Authority (CASA) | The industry Regulatory body can provide advice on licensing, legislative or regulatory requirements which may impact on the delivery of training or the issuance of qualifications in this Training Package. | Phone: 131 757  CASA’s website can be found  [here](https://www.casa.gov.au/). |

GLOSSARY

|  |  |
| --- | --- |
| **Code** | Nationally endorsed Training Package qualification code. |
| **Title** | Nationally endorsed Training Package qualification title. |
| **Unit Code** | Nationally endorsed Training Package unit code. |
| **Unit Title** | Nationally endorsed Training Package unit title. |
| **Maximum Payable Hours** | The maximum number of hours the Victorian Government will subsidise under Skills First funding for the achievement of the minimum realistic vocational outcome of the qualification, as determined by the qualification packaging rules.  The Maximum Payable Hours do not cover every possible combination of core and elective units available for a specific qualification.  Minimum payable hours reflect a calculated minimum number of hours that could deliver a minimum realistic vocational outcome, based on efficiencies of contextualisation and integration. |
| **Scope of Registration** | Scope of registration specifies the AQF qualifications and/or units of competency the training organisation is registered to issue and the industry training and/or assessment services it is registered to provide. |
| **Nominal Hours** | Nominal hours reflect the anticipated time taken to deliver and assess the outcomes of a unit of competency excluding unsupervised delivery or the time taken for repeated practical application of skills. Nominal hours are determined by the Victorian State Training Authority (DET) and are primarily developed for funding purposes in Victoria. |