

Coding Summary Report

(Addendum to Aeroskills Training Package Case for Endorsement Release 2.0)

Components for Endorsement

Further to the MEA Aeroskills Case for Endorsement, IBSA Manufacturing and the Aerospace IRC request the endorsement of the following 16 qualifications and 21 units:

Qualifications

- MEA20418 Certificate II in Aeroskills
- MEA20518 Certificate II in Aircraft Line Maintenance
- MEA20618 Certificate II in Aircraft Surface Finishing
- MEA30118 Certificate III in Aircraft Surface Finishing
- MEA30218 Certificate III in Aeroskills (Mechatronics)
- MEA30318 Certificate III in Aircraft Life Support and Furnishing
- MEA40618 Certificate IV in Aeroskills (Avionics)
- MEA40718 Certificate IV in Aeroskills (Mechanical)
- MEA40918 Certificate IV in Aircraft Surface Finishing
- MEA41018 Certificate IV in Aeroskills (Mechatronics)
- MEA41218 Certificate IV in Aeroskills (Armament)
- MEA41318 Certificate IV in Aeroskills (Structures)
- MEA50118 Diploma of Aeroskills (Avionics)
- MEA50218 Diploma of Aeroskills (Mechanical)
- MEA50718 Diploma of Avionic Engineering
- MEA60318 Advanced Diploma of Aviation Non-Destructive Testing

Units

- MEA154 Apply work health and safety practices in aviation maintenance
- MEA155 Plan and organise aviation maintenance work activities
- MEA156 Apply quality standards during aviation maintenance activities
- MEA157 Complete aviation maintenance industry documentation
- MEA158 Perform basic hand skills, standard trade practices and fundamentals in aviation maintenance
- MEA159 Manage aircraft and aeronautical product configuration
- MEA160 Manage aircraft and equipment system performance testing
- MEA161 Assess aviation maintenance spares and manage repairable items
- MEA162 Write aviation technical publications
- MEA163 Perform aviation technical publication management activities
- MEA164 Perform airworthiness management and maintenance program tasks
- MEA292 Remove and install advanced aircraft instrument system components
- MEA293 Remove and install aircraft electronic system components
- MEA294 Inspect, test and troubleshoot advanced aircraft electrical systems and components
- MEA295 Use electrical test equipment to perform basic electrical tests on aircraft and components
- MEA296 Use electrical test equipment in aviation maintenance activities
- MEA297 Maintain basic avionic systems and components
- MEA3000 Maintain small piston engine aircraft pressurisation system
- MEA398 Remove and install aircraft hydro-mechanical and landing gear system components
- MEA399 Lay out and set up aircraft systems
- MEA436 Inspect, repair and modify non-primary structure components in aircraft cabins and cockpits

Background

Following the AISC decision at their 20 February 2018 meeting, the MEA Aeroskills Training Package was endorsed subject to the update of unit codes to be compliant with the 2012 Standards for Training Packages. Subsequent qualification code changes are required where updated units are packaged as core units in the respective qualifications. These are outlined in Attachment A.

Further consultation

Consultation with the following stakeholders was undertaken, as agreed with the AISC Secretariat:

- an email alert was sent to the Aerospace Industry Reference Committee (IRC) inviting feedback on the impact of the changes
- an email alert was sent to the State and Territory Training Authorities, and RTOs, outlining the code changes and inviting feedback on the impact of the changes
- the IBSA website was updated to provide advice to stakeholders about the extent of the code changes.

Feedback was received from the following organisations, both of which were supportive of the changes:

- Department of Training and Workforce Development (Western Australia), and
- Department of Trade, Business and Innovation (Northern Territory)

Representative from RTOs provided the feedback below:

- RMIT University expressed concern that recoding units created a cost and time-consuming burden for RTOs as they have to make changes to materials and enrolment information, which seems unnecessary particularly where new components remain equivalent.
- Aviation Training Services Victoria expressed a general concern about mapping qualifications to international licenses, but none specifically related to the change of codes.

IRC Sign off

The work outlined in this addendum to the Case for Endorsement is approved by the Aerospace IRC



18 May 2018

Attachment A

MEA Aeroskills Case for Endorsement (Release 2.0) – Code updates

IBSA Manufacturing recently undertook stakeholder consultation on the following qualifications in the MEA Aeroskills training package that required a code change as a result of changes to core units:

- MEA20418 Certificate II in Aeroskills
- MEA20518 Certificate II in Aircraft Line Maintenance
- MEA20618 Certificate II in Aircraft Surface Finishing
- MEA30118 Certificate III in Aircraft Surface Finishing
- MEA30218 Certificate III in Aeroskills (Mechatronics)
- MEA30318 Certificate III in Aircraft Life Support and Furnishing
- MEA40618 Certificate IV in Aeroskills (Avionics)
- MEA40718 Certificate IV in Aeroskills (Mechanical)
- MEA40918 Certificate IV in Aircraft Surface Finishing
- MEA41018 Certificate IV in Aeroskills (Mechatronics)
- MEA41218 Certificate IV in Aeroskills (Armament)
- MEA41318 Certificate IV in Aeroskills (Structures)
- MEA50118 Diploma of Aeroskills (Avionics)
- MEA50218 Diploma of Aeroskills (Mechanical)
- MEA50718 Diploma of Avionic Engineering
- MEA60318 Advanced Diploma of Aviation Non-Destructive Testing

Qualification mapping information, including equivalence table.

MEA Aeroskills Training Package Release 1.0		MEA Aeroskills Training Package Release 2.0		Equivalence status	Notes
Qualification Code	Qualification title	Qualification Code	Qualification title		
MEA20415	Certificate II in Aeroskills	MEA20418	Certificate II in Aeroskills	E	Updated unit codes. Changes to core unit codes required new release
MEA20515	Certificate II in Aircraft Line Maintenance	MEA20518	Certificate II in Aircraft Line Maintenance	E	Updated unit codes. Changes to core unit codes required new release.
MEA20615	Certificate II in Aircraft Surface Finishing	MEA20618	Certificate II in Aircraft Surface Finishing	E	Updated unit codes. Changes to core unit codes required new release.
MEA30115	Certificate III in Aircraft Surface Finishing	MEA30118	Certificate III in Aircraft Surface	E	Updated unit codes. Changes to core unit codes required new release.

MEA Aeroskills Training Package Release 1.0		MEA Aeroskills Training Package Release 2.0		Equivalence status	Notes
Qualification Code	Qualification title	Qualification Code	Qualification title		
			Finishing		
MEA30215	Certificate III in Aeroskills (Mechatronics)	MEA30218	Certificate III in Aeroskills (Mechatronic)	E	Updated unit codes. Changes to core unit codes required new release.
MEA30315	Certificate III in Aircraft Life Support and Furnishing	MEA30318	Certificate III in Aircraft Life Support and Furnishing	E	Updated unit codes. Changes to core unit codes required new release.
MEA40615	Certificate IV in Aeroskills (Avionics)	MEA40618	Certificate IV in Aeroskills (Avionics)	E	Updated unit codes. Changes to core unit codes required new release.
MEA40715	Certificate IV in Aeroskills (Mechanical)	MEA40718	Certificate IV in Aeroskills (Mechanical)	E	Updated unit codes. Changes to core unit codes required new release.
MEA40915	Certificate IV in Aircraft Surface Finishing	MEA40918	Certificate IV in Aircraft Surface Finishing	E	Updated unit codes. Changes to core unit codes required new release.
MEA41015	Certificate IV in Aeroskills (Mechatronics)	MEA41018	Certificate IV in Aeroskills (Mechatronics)	E	Updated unit codes. Changes to core unit codes required new release.
MEA41215	Certificate IV in Aeroskills (Armament)	MEA41218	Certificate IV in Aeroskills (Armament)	E	Updated unit codes. Changes to core unit codes required new release.
MEA41315	Certificate IV in Aeroskills (Structures)	MEA41318	Certificate IV in Aeroskills (Structures)	E	Updated unit codes. Changes to core unit codes required new release.
MEA50115	Diploma of Aeroskills (Avionics)	MEA50118	Diploma of Aeroskills (Avionics)	E	Updated unit codes. Changes to core unit codes required new release.

MEA Aeroskills Training Package Release 1.0		MEA Aeroskills Training Package Release 2.0		Equivalence status	Notes
Qualification Code	Qualification title	Qualification Code	Qualification title		
MEA50215	Diploma of Aeroskills (Mechanical)	MEA50218	Diploma of Aeroskills (Mechanical)	E	Updated unit codes. Changes to core unit codes required new release.
MEA50715	Diploma of Avionic Engineering	MEA50718	Diploma of Avionic Engineering	E	Updated unit codes. Changes to core unit codes required new release.
MEA60315	Advanced Diploma of Aviation Non-Destructive Testing	MEA60318	Advanced Diploma of Aviation Non-Destructive Testing	E	Updated unit codes. Changes to core unit codes required new release.

Unit mapping information, including equivalence table.

MEA Aeroskills Training Package Release 1.0		MEA Aeroskills Training Package Release 2.0		Equivalence status	Notes
Unit Code	Unit title	Unit Code	Unit title		
MEA101	Interpret work health and safety practices in aviation maintenance	MEA154	Apply work health and safety practices in aviation maintenance	E	Minor editorial change to unit title. Updates to unit and assessment requirements to clarify intent and align to policy requirements. Range of conditions information relocated to strengthen specification of assessment requirements.
MEA103	Plan and organise aviation maintenance work activities	MEA155	Plan and organise aviation maintenance work activities	E	Updates to unit and assessment requirements to clarify intent and align to policy requirements. Prerequisite unit requirement reduced, without changing unit's vocational outcome, to

MEA Aeroskills Training Package Release 1.0		MEA Aeroskills Training Package Release 2.0		Equivalence status	Notes
Unit Code	Unit title	Unit Code	Unit title		
					align with COAG Industry and Skills Council training package reforms to remove superfluous product and facilitate easier movement.
MEA105	Apply quality standards applicable to aviation maintenance	MEA156	Apply quality standards during aviation maintenance activities	E	<p>Minor editorial change to unit title.</p> <p>Updates to unit and assessment requirements to clarify intent and align to policy requirements.</p> <p>Prerequisite unit requirement reduced, without changing unit's vocational outcome, to align with COAG Industry and Skills Council training package reforms to remove superfluous product and facilitate easier movement.</p>
MEA108	Complete aviation maintenance industry documentation	MEA157	Complete aviation maintenance industry documentation	E	<p>Updates to unit and assessment requirements to clarify intent and align to policy requirements.</p> <p>Range of conditions information relocated to strengthen specification of assessment requirements.</p>
MEA109	Perform basic hand skills, standard trade practices and fundamentals in aviation maintenance	MEA158	Perform basic hand skills, standard trade practices and fundamentals in aviation maintenance	E	<p>Updates to unit and assessment requirements to clarify intent and align to policy requirements.</p> <p>Elements 1 and 2 integrated into the one element; elements 3 and 5 integrated into one element; and element 4 relocated to final</p>

MEA Aeroskills Training Package Release 1.0		MEA Aeroskills Training Package Release 2.0		Equivalence status	Notes
Unit Code	Unit title	Unit Code	Unit title		
					<p>element – with no change to unit outcomes.</p> <p>Range of conditions information relocated to strengthen specification of assessment requirements.</p>
MEA121	Manage aircraft/aeronautical product configuration	MEA159	Manage aircraft and aeronautical product configuration	E	<p>Minor editorial change to unit title.</p> <p>Updates to unit and assessment requirements to clarify intent and align to policy requirements.</p> <p>Range of conditions information relocated to strengthen specification of unit application and assessment requirements.</p>
MEA122	Manage aircraft/equipment system performance testing	MEA160	Manage aircraft and equipment system performance testing	E	<p>Minor editorial change to unit title.</p> <p>Element 2 split into two elements, with no change to unit outcomes.</p> <p>Updates to unit and assessment requirements to clarify intent and align to policy requirements.</p> <p>Range of conditions information relocated to strengthen specification of assessment requirements.</p>
MEA136	Assess aviation maintenance spares and manage repairable items	MEA161	Assess aviation maintenance spares and manage repairable items	E	<p>Updates to unit and assessment requirements to clarify intent and align to policy requirements.</p>

MEA Aeroskills Training Package Release 1.0		MEA Aeroskills Training Package Release 2.0		Equivalence status	Notes
Unit Code	Unit title	Unit Code	Unit title		
					Range of conditions information relocated to strengthen specification of assessment requirements.
MEA137	Write aviation technical publications	MEA162	Write aviation technical publications	E	Updates to unit and assessment requirements to clarify intent and align to policy requirements. Range of conditions information relocated to strengthen specification of unit application and assessment requirements.
MEA138	Perform aviation technical publication management activities	MEA163	Perform aviation technical publication management activities	E	Updates to unit and assessment requirements to clarify intent and align to policy requirements. Range of conditions information relocated to strengthen specification of assessment requirements.
MEA147	Perform airworthiness management and maintenance program tasks	MEA164	Perform airworthiness management and maintenance program tasks	E	Updates to unit and assessment requirements to clarify intent and align to policy requirements. Range of conditions information relocated to strengthen specification of assessment requirements.
MEA205	Remove and install advanced aircraft instrument system components	MEA292	Remove and install advanced aircraft instrument system components	E	Updates to unit and assessment requirements to ensure compliance with regulatory standards, clarify intent, and align to policy requirements.

MEA Aeroskills Training Package Release 1.0		MEA Aeroskills Training Package Release 2.0		Equivalence status	Notes
Unit Code	Unit title	Unit Code	Unit title		
					<p>Element 3 created from existing content in Element 2 to better differentiate documentation requirements.</p> <p>Range of conditions information relocated to strengthen specification of assessment requirements.</p>
MEA207	Remove and install aircraft electronic system components	MEA293	Remove and install aircraft electronic system components	E	<p>Updates to unit and assessment requirements to ensure compliance with regulatory standards, clarify intent, and align to policy requirements.</p> <p>Element 3 created from existing content in Element 2 to better differentiate documentation requirements.</p> <p>Range of conditions information relocated to strengthen specification of assessment requirements.</p>
MEA211	Inspect, test and troubleshoot advanced aircraft electrical systems and components	MEA294	Inspect, test and troubleshoot advanced aircraft electrical systems and components	E	<p>Updates to unit and assessment requirements to ensure compliance with regulatory standards, clarify intent, and align to policy requirements.</p> <p>Range of conditions information relocated to strengthen specification of assessment requirements.</p>
MEA240	Use electrical test equipment to perform basic electrical tests	MEA295	Use electrical test equipment to perform basic electrical tests	E	<p>Minor editorial change to unit title.</p> <p>Updates to unit and assessment requirements to</p>

MEA Aeroskills Training Package Release 1.0		MEA Aeroskills Training Package Release 2.0		Equivalence status	Notes
Unit Code	Unit title	Unit Code	Unit title		
			on aircraft and components		clarify intent and align to policy requirements. Element 3 created from existing content in Element 2 to better differentiate documentation requirements. Range of conditions information relocated to strengthen specification of assessment requirements.
MEA260	Use electrical test equipment	MEA296	Use electrical test equipment in aviation maintenance activities	E	Minor editorial change to unit title. Updates to unit and assessment requirements to clarify intent and align to policy requirements. Range of conditions information removed as already duplicated in assessment requirements.
MEA289	Maintain basic light aircraft avionic systems and components	MEA297	Maintain basic avionic systems and components	E	Removal of 'light aircraft' from unit title and unit application to align with CASA standards. Updates to unit and assessment requirements to ensure compliance with regulatory standards, clarify intent, and align to policy requirements. ADF navigation systems made dependent on organisational need for assessment purposes. Range of conditions information relocated to strengthen specification of assessment requirements.

MEA Aeroskills Training Package Release 1.0		MEA Aeroskills Training Package Release 2.0		Equivalence status	Notes
Unit Code	Unit title	Unit Code	Unit title		
MEA302	Remove and install aircraft hydro-mechanical and landing gear system components	MEA398	Remove and install aircraft hydro-mechanical and landing gear system components	E	<p>Updates to unit and assessment requirements to clarify intent and align to policy requirements.</p> <p>Range of conditions information relocated to strengthen specification of assessment requirements.</p>
MEA340	Lay out and set up aircraft systems	MEA399	Lay out and set up aircraft systems	E	<p>Updates to unit and assessment requirements to clarify intent and align to policy requirements.</p> <p>Range of conditions information relating to required evidence relocated to strengthen specification of assessment requirements.</p> <p>Range of conditions information not relating to required evidence relocated to MEA Companion Volume.</p>
MEA356	Maintain light piston engine aircraft pressurisation system	MEA3000	Maintain small piston engine aircraft pressurisation system	E	<p>Replacement of 'light' (aircraft) with 'small' throughout unit, including unit title, to align with CASA standards.</p> <p>Updates to unit and assessment requirements to ensure compliance with regulatory standards, clarify intent, and align to policy requirements.</p> <p>Range of conditions information relocated to strengthen specification of assessment requirements.</p>

MEA Aeroskills Training Package Release 1.0		MEA Aeroskills Training Package Release 2.0		Equivalence status	Notes
Unit Code	Unit title	Unit Code	Unit title		
MEA419	Inspect and repair/modify aircraft cabin/cockpit non-primary structure components	MEA436	Inspect, repair and modify non-primary structure components in aircraft cabins and cockpits	E	<p>Minor editorial change to unit title.</p> <p>Updates to unit and assessment requirements to clarify intent and align to policy requirements.</p> <p>Range of conditions information relating to required evidence relocated to strengthen specification of assessment requirements.</p> <p>Range of conditions information not relating to required evidence relocated to MEA Companion Volume.</p>