

# Truncated Case for Endorsement

## Aerospace Training Package Release 3.0

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The following overview and attached Letters of Support are submitted for AISC consideration.

### Components for Endorsement

The following Aeroskills Training Package components are submitted for approval.

#### Qualification:

MEA41119 Certificate IV in Aeronautical Life Support Equipment **Refer Appendix C for MEA41119 Certificate IV in Aeronautical Life Support Equipment**

It is proposed that:

- **Packaging Rule from one (1) elective unit to “Up to two (2) elective unit may be selected from a different qualification in this Training Package or another endorsed Training Package, provided that it supports the capability for this qualification and does not duplicate the outcome of another unit chosen for the qualification”**

#### Unit:

It is proposed that:

- **Core unit MSMENV472 Implement and monitor environmentally sustainable work practices, be replaced by MSMENV272 Participate in environmentally sustainable work practices, to support the requirements of the job role.**

### Background

The Defence representative on the Aerospace IRC has requested that a core unit in MEA41118 Cert IV Aeronautical Life Support Equipment be changed to enable the Airforce Life Support Fitters to complete their technical training effectively. It should be noted that Air Force Life Support Fitters are the only users of this qualification, and the change to the core unit would allow them to meet the full qualification requirements. **Refer to Appendix A for Defence Letter of Support.**

Air Force, as the technical sponsor for this capability, is required to provide a skilled workforce in Aeronautical Life Support Fitting for whole of Defence. As such, Air Force must ensure that the training of its Life Support Fitters meets current and future workforce skill needs. The revisions in this qualification have been developed from an extensive review of skill needs, technology changes and future workforce requirements.

The qualification has been revised to support a specific job role within Defence to enable the Air Force to meet Air Force future aeronautical requirements. The qualification enables the new job profile for junior Defence members to complete their role at the non-supervisory level and allow for innovative employment across the aviation technical trades.

### Further consultation

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

- updated qualification was published on the IBSA website and an email alert was sent to the State and Territory Training Authorities, and RTOs, outlining change to the core unit and inviting feedback on the impact of the changes and
- change was supported by the Aerospace Industry Reference Committee (IRC). **Refer to Appendix B for Aerospace IRC Letter of Support**

### IRC Sign off

The work outlined in this Truncated Case for Endorsement is approved by the Aerospace IRC.

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19 March 2019

## Appendix A: Defence Letter of Support



**Australian Government**  
**Department of Defence**

John Pollears

Chair, Australian Industry Skills Committee

### **Request to amend MEA41118 Certificate IV in Aeronautical Life Support Equipment**

Dear John

As the Defence representative on the Aerospace IRC, I would like to request that a core unit in MEA41118 Cert IV Aeronautical Life Support Equipment be changed to enable the Life Support Fitters to complete their technical training effectively. The current core unit (MSMENV472 Implement and monitor environmentally sustainable work practices) should be replaced by MSMENV272 Participate in environmentally sustainable work practices, as was originally proposed in the review process, to enable Air Force Life Support Fitters, who are the only users of this qualification, to meet the full qualification requirements.

The rationale for the change is that, Air Force, as the technical sponsor for this capability, is required to provide a skilled workforce in Aeronautical Life Support Fitting for whole of Defence. As such, Air Force must ensure that the training of its Life Support Fitters meets current and future workforce skill needs. The revisions in this qualification have been developed from an extensive review of skill needs, technology changes and future workforce requirements.

The qualification has been revised to support a specific job role within Defence to enable Air Force to meet Air Force future aeronautical requirements. The qualification enables the new job profile for junior Defence members to complete their role at the non-supervisory level and allow for innovative employment across the aviation technical trades. The current unit MSMENV472 is at a level that addresses more supervisory roles, which does not accord with the Air Force job role requirements for these ADF personnel. This was flagged in the original review of this qualification.

Thank you for giving this matter your consideration, Yours Sincerely



**Lynda Douglas**

**Director National Skills Framework**

Defence Education, Learning and Training Authority (DELTA)  
Australian Defence College

21 Dec 2018

## Appendix B: Aerospace IRC Letter of Support

Attention: John Pollears,

Chair, Australian Industry Skills Committee (AISC)

### IRC support to amend MEA41118 Certificate IV in Aeronautical Life Support Equipment

Dear John

As Chair of the Aerospace Industry Reference Committee, I write on behalf of the IRC members to support the adjustment to the Core in **Certificate IV Aeronautical Life Support Equipment**, to incorporate **MSMENV272 Participate in environmentally sustainable work practices**, in place of the current Core unit, **MSMENV472 Implement and monitor environmentally sustainable work practices**.

This change will support Life Support Fitters in Defence to complete their training effectively and in-line with their job roles.

Russell

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Russell Burgess

Chair, Aerospace Industry Reference Committee

## Appendix C:

### MEA41119 Certificate IV in Aeronautical Life Support Equipment

#### Modification History

Release 1. Supersedes and equivalent to MEA41118 Certificate IV in Aeronautical Life Support Equipment.

#### Qualification Description

This qualification applies to members of the Australian Defence Force (ADF) and to employees of civil Aviation Maintenance Organisations (AMOs) who work on the maintenance of aircraft and personal life support equipment and on the fabrication and maintenance of aircraft furnishings.

The unit typically applies to those who work independently or as part of a team under direct and/or indirect supervision, following set procedures and methods, requiring some discretion and judgement. They are responsible for the quality of their own outputs and require a high level of analysis and risk assessment within familiar and unfamiliar contexts. High level communications skills are required when fitting individuals with items of personal life support equipment and when determining item fabrication requirements.

The qualification applies to workplaces that operate under the airworthiness regulatory systems of the Australian Defence Force (ADF) and the Civil Aviation Safety Authority (CASA). Regulatory and licensing requirements associated with MEA units of competency required for this qualification must be met.

#### Entry Requirements

Not applicable.

#### Packaging Rules

**Total number of units = 23**

**9 core units, plus**

**14 elective unit of the technical stream and imported units listed, of which:**

- all elective units must be selected according to the listed prerequisite unit requirements and unit selection criteria
- **Up to two (2) elective unit may be selected from a different qualification in this Training Package or another endorsed Training Package, provided that it supports the capability for this qualification and does not duplicate the outcome of another unit chosen for the qualification**

#### Core units

Unit code	Unit title	Prerequisites
MEA107	Interpret and use aviation maintenance industry manuals and specifications	
MEA154	Apply work health and safety practices in aviation maintenance	
MEA155	Plan and organise aviation maintenance work activities	MEA154

Unit code	Unit title	Prerequisites
MEA156	Apply quality standards during aviation maintenance activities	MEA107, MEA154
MEA157	Complete aviation maintenance industry documentation	
MEA158	Perform basic hand skills, standard trade practices and fundamentals in aviation maintenance	
MEA301	Perform aircraft flight servicing	MEA154, MEA155, MEA156, MEA107, MEA157, MEA158
AVIF3016	Marshal aircraft	
<b>MSMENV272</b>	<b>Participate in environmentally sustainable work practices</b>	

### Elective units

Unit code	Unit title	Prerequisites	Unit selection guidelines
MEA118	Conduct self in the aviation maintenance environment		Elective
MEA201	Remove and install miscellaneous aircraft electrical hardware/components	MEA154, MEA155 MEA156, MEA107 MEA157, MEA158	Elective
MEA295	Use electrical test equipment to perform basic electrical tests on aircraft and components	MEA154, MEA158	Elective
MEA398	Remove and install aircraft hydro-mechanical and landing gear system components	MEA154	Elective
MEA303	Remove and install aircraft pneumatic system components	MEA154, MEA155, MEA156, MEA107, MEA157, MEA158	Elective
MEA304	Remove and install non-pressurised aircraft structural components	MEA398	Elective - do not take with MEA317
MEA317	Remove and install pressurised aircraft structural and non-structural components	MEA398, MEA303	Elective – do not take with MEA304

Unit code	Unit title	Prerequisites	Unit selection guidelines
MEA411	Remove surface coatings from aircraft or aircraft components	MEA154, MEA155 MEA156, MEA107 MEA157, MEA158	Elective
MEA412	Pre-treat aluminium alloy surfaces	MEA154, MEA155 MEA156, MEA107 MEA157, MEA158	Elective
MEA414	Remove light corrosion from aircraft	MEA154, MEA155 MEA156, MEA107 MEA157, MEA158	Elective – do not take with MEA436
MEA416	Apply aircraft identification markings, graphics and decals	MEA154, MEA155 MEA156, MEA107 MEA157, MEA158	Elective
MEA436	Inspect, repair and modify non-primary structure components in aircraft cabins and cockpits	MEA154	Elective – do not take with MEA414
MEA501	Maintain and fit anti-G suits	MEA154, MEA155 MEA156, MEA107 MEA157, MEA158 MSFSF2002	Elective
MEA502	Maintain and fit helmets	MEA154, MEA155 MEA156, MEA107 MEA157, MEA158 MEA118, MEA295	Elective
MEA503	Maintain and fit immersion suits	MEA154, MEA155 MEA156, MEA107 MEA157, MEA158 MEA118 LMTTF2008A	Elective
MEA504	Maintain and fit oxygen masks	MEA154, MEA155 MEA156, MEA107	Elective

Unit code	Unit title	Prerequisites	Unit selection guidelines
		MEA157, MEA158 MEA118, MEA295	
MEA505	Maintain and pack parachutes	MEA154, MEA155 MEA156, MEA107 MEA157, MEA158 MEA118, MEA511 MSFSF2002	Elective
MEA507	Maintain, pack and fit survival inflatable buoyancy vests	MEA154, MEA155 MEA156, MEA107 MEA157, MEA158 MEA118	Elective
MEA508	Maintain, install and remove restraint systems	MEA154, MEA155 MEA156, MEA107 MEA157, MEA158 MEA118, MEA511 MSFSF2002	Elective
MEA509	Manufacture, repair and alter aircraft related fabric components	MEA154, MEA155 MEA156, MEA107 MEA157, MEA158 MEA118, MEA511 MSFSF2002	Elective
MEA510	Maintain seat and pod electrical and electronic systems	MEA295	Elective
MEA511	Operate and maintain sewing machines and overlockers		Elective
MEA513	Maintain and pack survival inflatable life rafts	MEA154, MEA155 MEA156, MEA107 MEA157, MEA158 MEA118	Elective
MEA514	Maintain and pack escape slides	MEA154, MEA155 MEA156, MEA107	Elective



Unit code	Unit title	Prerequisites	Unit selection guidelines
		MEA157, MEA158 MEA118	
AURVTT004	Trim vehicle components		Elective – do not take with MSFUP3012
AURVTT005	Select and apply trim and fabric materials		Elective
AURVTT2006	Select and apply trim and fabric adhesives		Elective - do not take with MSTTF2008
DEFEXO001	Work safely with explosive ordnance		Elective
DEFEXO005	Package explosives		Elective
DEFEXO006	Unpackage explosives		Elective
DEFEXO008	Conduct explosives inspection		Elective
MSTTF2008	Use adhesives		Elective – do not take with AURVTT2006
MSFSF2001	Cut single layer fabrics		Elective
MSFSF2002	Machine sew materials		Elective
MSFUP3012	Apply marine sewing and installation techniques		Elective – do not take with AURVTT004

### Qualification Mapping Information

Release 1. Supersedes and equivalent to MEA41118 Certificate IV in Aeronautical Life Support Equipment.

Links:

Companion Volume implementation guides are found in VETNet -

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