



Australian Government

**MEASS00380 MTA033 Aircraft welding
using the plasma arc welding process -
magnesium alloys**

Release 2

MEASS00380 MTA033 Aircraft welding using the plasma arc welding process - magnesium alloys

Modification History

Release 2 - Supersedes and is equivalent to MEASS00380 MTA033 Aircraft welding using the plasma arc welding process - magnesium alloys with amended unit information.

Description

Not applicable.

Pathways Information

The MEA Aeroskills Training Package offers these units as part of a Skill Set designed to meet the requirements for CASA or ADF welding approvals for the welding of magnesium alloy using the plasma arc welding process. The competency elements of MEA434 must be attained using the magnesium alloy parent metal group as listed in the Range of Conditions.

Licensing/Regulatory Information

Not applicable.

Skill Set Requirements

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
MEA156	Apply quality standards during aviation maintenance activities
MEA157	Complete aviation maintenance industry documentation
MEA434	Weld aircraft components using the plasma arc welding process
MEM05007C	Perform manual heating and thermal cutting
MEM05019D	Weld using gas tungsten arc welding process
MEM05020C	Perform advanced welding using gas tungsten arc welding process
MEM05026C	Apply welding principles

MEM05044B	Perform welds to code standards using gas tungsten arc welding
MEM05049B	Perform routine gas tungsten arc welding
MEM05051A	Select welding processes
MEM05052A	Apply safe welding processes
MEM09002B	Interpret technical drawing
MEM12023A	Perform engineering measurements
MEM18001C	Use hand tools
MEM18002B	Use power tools/hand held operations

Target Group

Individuals seeking approval under either the CASA or ADF Regulatory system to weld magnesium alloy aircraft components using the plasma arc welding process.

Suggested words for Statement of Attainment

These competencies from the MEA Aeroskills Training Package meet the requirements of CASA and the ADF for the grant of an approval to weld magnesium alloy aircraft components using the plasma arc welding process.

Custom Content Section

Not applicable.