



**Australian Government**

**MEASS00368 MTA021 Aircraft welding  
using the gas metal arc welding process -  
magnesium alloys**

**Release 2**

## **MEASS00368 MTA021 Aircraft welding using the gas metal arc welding process - magnesium alloys**

### **Modification History**

Release 2 - Supersedes and is equivalent to MEASS00368 MTA021 Aircraft welding using the gas metal 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 gas metal arc welding process. The competency elements of MEA433 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
MEA433	Weld aircraft components using the gas metal arc welding process
MEM05007C	Perform manual heating and thermal cutting
MEM05017D	Weld using gas metal arc welding process
MEM05018C	Perform advanced welding using gas metal arc welding process
MEM05026C	Apply welding principles

MEM05043B	Perform welds to code standards using gas metal arc welding
MEM05050B	Perform routine gas metal 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 gas metal 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 gas metal arc welding process.

## **Custom Content Section**

Not applicable.