



**Australian Government**

**MEASS00391 MTA044 Aircraft welding  
using the manual metal arc welding process  
- copper based alloys**

Release 1

## **MEASS00391 MTA044 Aircraft welding using the manual metal arc welding process - copper based alloys**

### **Modification History**

Release 1 - New Skill Set

### **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 copper based alloy using the manual metal arc welding process. The competency elements of MEA435 must be attained using the copper based alloy parent metal group as listed in the Range of Conditions.

### **Licensing/Regulatory Information**

Not applicable.

## Skill Set Requirements

MEM05007C	Perform manual heating and thermal cutting
MEM05012C	Perform routine manual metal arc welding
MEM05015D	Weld using manual metal arc welding process
MEM05016C	Perform advanced welding using manual metal arc welding process
MEM05026C	Apply welding principles
MEM05046B	Perform welds to code standards using manual metal arc welding process
MEM05051A	Select welding processes
MEM05052A	Apply safe welding processes
MEM09002B	Interpret technical drawing
MEM12023A	Perform engineering measurement
MEM18001C	Use hand tools
MEM18002B	Use power tools/hand held operations
MEA101	Interpret work health and safety practices in aviation maintenance
MEA103	Plan and organise aviation maintenance work activities
MEA105	Apply quality standards applicable to aviation maintenance
MEA107	Interpret and use aviation maintenance industry manuals and specifications
MEA108	Complete aviation maintenance industry documentation
MEA435	Weld aircraft components using the manual metal arc welding process

## Target Group

Individuals seeking approval under either the CASA or ADF Regulatory system to weld copper based alloy aircraft components using the manual 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 copper based alloy aircraft components using the manual metal arc welding process.

## **Custom Content Section**

Not applicable.