



**Australian Government**

**MEASS00376 MTA029 Aircraft welding  
using the gas tungsten arc welding process -  
carbon and low alloy steels**

Release 1

## **MEASS00376 MTA029 Aircraft welding using the gas tungsten arc welding process - carbon and low alloy steels**

### **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 carbon and low alloy steel using the gas tungsten arc welding process. The competency elements of MEA432 must be attained using the carbon steel and low alloy steel 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
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 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
MEA432	Weld aircraft components using the gas tungsten arc welding process

## Target Group

Individuals seeking approval under either the CASA or ADF Regulatory system to weld carbon and low alloy steel aircraft components using the gas tungsten 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 carbon and low alloy steel aircraft components using the gas tungsten arc welding process.

## **Custom Content Section**

Not applicable.