



**Australian Government**

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

**Release 2**

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

### **Modification History**

Release 2 - Supersedes and is equivalent to MEASS00376 MTA029 Aircraft welding using the gas tungsten arc welding process - carbon and low alloy steels 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 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**

|           |  |
|-----------|--|
| 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                       |
| MEA432    | Weld aircraft components using the gas tungsten 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 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.