



**Australian Government**

# **MEASS00094 Aircraft welding using the gas metal arc welding process - aluminium alloys**

**Release: 1**

## **MEASS00094 Aircraft welding using the gas metal arc welding process - aluminium alloys**

### **Modification History**

Not applicable.

### **Description**

Not applicable.

### **Pathways Information**

The MEA11 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 aluminium alloys using the gas metal arc welding process. The competency elements of MEA433A must be attained using the aluminium alloy parent metal group as listed in the Range Statement.

### **Licensing/Regulatory Information**

Not applicable.

## Skill Set Requirements

|           |                                                                            |
|-----------|----------------------------------------------------------------------------|
| 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 measurement                                            |
| MEM18001C | Use hand tools                                                             |
| MEM18002B | Use power tools/hand held operations                                       |
| MEA101B   | Interpret occupational health and safety practices in aviation maintenance |
| MEA103B   | Plan and organise aviation maintenance work activities                     |
| MEA105C   | Apply quality standards applicable to aviation maintenance processes       |
| MEA107B   | Interpret and use aviation maintenance industry manuals and specifications |
| MEA108B   | Complete aviation maintenance industry documentation                       |
| MEA433A   | Weld aircraft components using the gas metal arc welding process           |

## Target Group

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

## **Suggested words for Statement of Attainment**

These competencies from the MEA11 Aeroskills Training Package meet the requirements of CASA and the ADF for the grant of an approval to weld aluminium alloy aircraft components using the gas metal arc welding process.

## **Custom Content Section**

Not applicable.