



**Australian Government**

# **MEASS00566 MTA006 Aircraft welding using the gas welding process - aluminium alloys**

**Release 1**

## **MEASS00566 MTA006 Aircraft welding using the gas welding process - aluminium alloys**

### **Modification History**

Release 1. Skill set code changed. Description added. Unit code updated. Supersedes and is equivalent to MEASS00353 MTA006 Aircraft welding using the gas welding process – aluminium alloys.

### **Description**

This skill set reflects the skill requirements for individuals seeking approval under either the Civil Aviation Safety Authority (CASA) or the Defence Aviation Safety Authority (DASA) regulations to weld aluminium alloy aircraft components using the gas welding process. To attain this skill set MEASTR0020 must be attained using aluminium alloys for the welding process.

### **Pathways Information**

These units provide credit towards a range of MEA Aeroskills Training Package qualifications.

### **Licensing/Regulatory Information**

Nil.

### **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                       |
| MEASTR0020 | Gas weld aircraft components*                                              |
| MEM05004   | Perform routine oxy acetylene welding*                                     |
| MEM05007   | Perform manual heating and thermal cutting*                                |
| MEM05022   | Perform advanced welding using oxy acetylene welding process*              |

|          |                                       |
|----------|---------------------------------------|
| MEM05026 | Apply welding principles*             |
| MEM05051 | Select welding processes*             |
| MEM05052 | Apply safe welding processes*         |
| MEM09002 | Interpret technical drawing*          |
| MEM18001 | Use hand tools*                       |
| MEM18002 | Use power tools/hand held operations* |

Units marked with an asterisk have prerequisites. See the unit or the MEA Aeroskills Companion Volume Information Guide for details.

## Target Group

This skill set is for individuals seeking approval under either the CASA or DASA regulatory system to weld aluminium alloy aircraft components using the gas welding process.

## Suggested words for Statement of Attainment

These competencies from the MEA Aeroskills Training Package meet the requirements of Civil Aviation Safety Authority (CASA) and Defence Aviation Safety Authority (DASA) regulations for the grant of an approval to weld aluminium alloys using the gas welding process.

## Custom Content Section

Not applicable.