



**Australian Government**

**MEASS00384 MTA037 Aircraft welding  
using the plasma arc welding process -  
copper based alloys**

**Release 1**

## **MEASS00384 MTA037 Aircraft welding using the plasma 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 plasma arc welding process. The competency elements of MEA434 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                                 |
| 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                       |
| MEA434    | Weld aircraft components using the plasma 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 plasma 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 plasma arc welding process.

## **Custom Content Section**

Not applicable.