

## WELDING TESTING AND CERTIFICATION

### ALUMINIUM GMA (MIG) WELDING: RECERTIFICATION

WCA03 – Recertification

The Aluminium GMA (MIG) Welding Re-Certification session is a recertification test that verifies technicians can still meet the requirements of the standard aluminium GMA (MIG) welding certification.

The technology previously seen only in high-end vehicles is quickly becoming standard on the more popular vehicles on the road as they shed weight and become more fuel efficient. The number of aluminium intensive vehicles is expected to surge in the coming years and technicians and shops must be prepared to perform quality, complete and safe aluminium repairs to properly restore these vehicles. The inherent differences involved in aluminium welding can challenge technicians who are familiar primarily with steel or MIG brazing.

### Course Content

The session is 4 hours and technicians are required to complete all welds within this time frame with the specific allocation of coupons.

#### Instruction

The re-certification session is a facilitator only run session. This test, without instructor guidance will demonstrate a technician's continued knowledge, ability and skills in aluminium welding. The technician will make four unique welds with coupons based on the certification criteria.

#### Testing Process

There will be 4 weld samples to be completed by the technician, 3 overhead and one vertical weld. It is strongly recommended the technician is allocated sufficient time in the workplace to practice the welds prior to attending as an unsuccessful result will incur extra fees to recertify fully.

#### Re-Certification

Technicians who are unsuccessful at completing all re-certification welds will render the certification invalid and will require the technician to complete the full 2-day certification program at our Brisbane training centre. Full fees will be payable for the 2-day program plus travel expenses.

### Recommendations

I-CAR understands that some technicians may not complete aluminium welding on a regular basis and may require time to refresh their skills. I-CAR does have practice kits available for purchase to assist with practicing in the workshop on the correct material. If required contact our Admin team for costings and purchase.

### Important Notice

Technicians must have completed WCA03 Aluminium welding certification before registering for this course. If proof is not provided, then the participant will be asked to register for the I-CAR Aluminium Welding Certification Program.

The following I-CAR training programs are mandatory recommended:

- Aluminium Welding Training & Certification: Welding (WCA03)
- Introduction to Aluminium welding in your My I-CAR portal.

## Course Highlights

I-CAR Credit Hours: 6 Hours

I-CAR Points: 5

Estimated Duration: 4 hours

Format: Facilitator only session

Meets the I-CAR training requirements for the following roles:



ALUMINIUM TECHNICIAN

**One single training event can accommodate multiple technicians**

**After completing this course, you will be able to:**

- Understand aluminium welding equipment settings for the different welds required.
- Complete aluminium welds to a high standard.

