

## **BRZ02 - MIG Brazing Hands-On Skills Development (No IL Version)**

**Course format:** In-shop instructor-led training with written test

**I-CAR Credit Hours:** 4 hours

### **Course Content**

#### **1. Pre-Course Capability & Readiness Assessment**

Before instruction starts, the instructor will conduct an in-shop Pre-Course Capability & Readiness Assessment to confirm that the facility's infrastructure and equipment are prepared for the in-shop Hands-On Skills Development course. The recommended time frame for the assessment is one to two weeks prior to training day to avoid any delays.

#### **2. Instruction**

Students will be provided with information on:

- MIG brazing theory
- MIG brazing applications
- MIG brazing equipment requirements
- MIG brazing joint setups

#### **3. Hands-On Practice and Coaching**

Following the instructor-led training, students will apply their knowledge through hands-on practice, with one-on-one coaching with a trained instructor. Through the progression of this portion of training, students will become proficient in making four MIG brazed joints: slot on lap, plug on lap, double plug on lap, and the open butt joint. All of these will be made in both the vertical and overhead positions on 16-gauge and 22-gauge automotive-grade, zinc-coated steel.

#### **4. Evaluation**

The final phase of the training will be a short, written posttest. The questions will be based on the skills learned during the hands-on practice.



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