

# EXPLAIN GMA/MIG/MAG ALUMINIUM WELDING

ST040E01

**Course Format:** Online training with posttest

**I-CAR Credit Hours:** 1 hour

**Points:** 0.25

**This course helps satisfy ProLevel training requirements for the following roles:**



Structural Technician

## Knowledge and Skill Area Definition

Technician is able to prepare a surface for GMA welding aluminium, identify equipment power requirements, setup and use a welder, and make quality welds on aluminium.

ST040E01 is a recommended prerequisite for WCA03

## Knowledge Detail

- Perform machine setup and maintenance of GMA welding equipment.
- Perform a combination of plug, fillet, butt joint with backing, and vertical and horizontal open butt joint welds on aluminium coupons.
- Conduct visual and destructive tests on welds.