

Introduction to TIG Welding

Overview

This course covers the skills and knowledge required to prepare materials such as plate/mild steel and carry out routine gas tungsten arc welding (GTAW) i.e. fillet and butt welds. This applies in a maintenance or manufacturing environment where the weld quality is not required to meet an Australian Standard or equivalent.

Duration

4 Thursday nights/ 3 hours per night
 (Face to Face)
 5:00pm to 8:00pm

Entry Requirements

Participants **MUST**:

- Be at least 18 years
- Have the ability to read, write and understand basic English and carry out basic mathematical calculations.
- Have the physical ability to perform practical fabrication skills.

Course Fees

- \$550.00 (Inc GST)

Courses must be paid for on booking unless alternative arrangements have been made. Training will not be confirmed until payment has been received.

Content

- Introduction to safety
- Prepare and set up equipment for welding
- Perform routine tungsten arc welding
- Welding techniques
- Welding joints
- Practical project – optional



PPE (Personal Protective Equipment)

To be supplied by participant:

- Safety Boots (steel cap)
- Safety glasses
- Appropriate workshop attire (non-flammable) i.e. **work trousers and a long-sleeved work shirt (for WHS reasons please do not wear excessively loose clothing)**
- Appropriate welding gloves and a welding helmet

Outcome

On successful completion of all requirements of this course, learners will be issued with:

- 1) A Statement of Attendance for Introduction to TIG Welding

Delivery Locations

- Ottoway
- Lonsdale

Pre-enrolment information

Important information for prospective students in regards to ATEC Policies is available at <https://atec.asn.au/train-with-atec/pre-enrolment-information>

How to apply

Applications and enquiries can be made:

- Online - <https://atec.asn.au/>
- Email – bookings@atec.asn.au
- **Call ATEC on 1300 112 832**



Version: June 2026