

# WELDING CERTIFICATION - THEORY AND PRACTICAL

**Gain welding certification by completing this short course which includes statutory and regulatory requirements; interpret welding terms, codes and symbols; effects of heat treatment; sequencing and planning; as well as practical elements in either gas tungsten arc welding; alloy steel pipe; or alloy steel pipe over 270mm diameter.**

### What job could training lead to?

Successful completion can broaden your industry skills and improve your employment opportunities in the engineering field.

### Am I eligible?

Participants need to have a trade background in boilermaking, metal fabrication or fitting trades to undertake this course.

### What will I receive?

Students will receive a Result of Assessment on completion.

### What licences could I apply for?

Welding Certification (multiple 'tickets' available)

### Can I go on to further training?

This course covers units from the national training package, so you may receive recognition towards engineering qualifications.

Completion of this course can contribute towards the competencies required to undertake Welding Technology Institute of Australia (WTIA) exams for International Welding Specialist Certificate or International Welding Practitioner Certificate. Contact WTIA for more information: Phone 02 9748 4443 or email: info@wtia.com.au

### How long will the training take?

Duration is usually the equivalent of 60 hours.

### Where, when and how can I train?

#### General Public

Location	Notes
Gladstone Tafe Main Campus	05/10/2009-09/10/2009, Part time, Day, On campus, Monday 5th Oct - Friday 9th Oct 8am - 4:45pm. It is advisable to complete theory prior to practical, but not necessary - both theory and practical must be completed to gain your certificate. Participants need to have a trade background in boilermaking, metal fabrication or fitting trades to undertake this course.

### What else might I find useful?

Information about student support, recognition of prior learning, financial assistance, study and library assistance can be found at: [www.cq.tafe.qld.gov.au/students](http://www.cq.tafe.qld.gov.au/students)

### Materials / Other Requirements:

Participants should bring a notepad and pen. There are workbooks required which are included in your enrolment cost.

Safety and hygiene regulations require students to provide their own clothing including welding helmet, clear safety glasses, oxy-welding goggles and welding gloves. CQ TAFE has Welding Kits available for \$62.40 from the Gladstone Bookshop, which includes this equipment.

You must wear a cotton drill long sleeved shirt, long pants and steel capped boots. Note that no synthetic materials should be worn.

To ensure a place in this course an enrolment form must be completed and full payment received. Concession card must be produced at time of enrolment. Enrolments can be made over the phone with a credit card, in person or via mail. Fees may be paid by credit card, cash, EFTPOS or money order.

### Units of competency

Two (2) units must be completed to gain the certificate:  
 One (1) theory unit MEM5.26B (Group A);  
 One (1) practical unit (Group B).

#### Group A

Unit	Description
MEM5.26B	Apply welding principles

#### Group B

Unit	Description
MEM05044B	Perform welds to code standards using gas tungsten arc welding process
MEM05045B	Perform pipe welds to code standards using manual metal arc welding process

Please note: - While competencies listed in the brochure are offered by CQ TAFE, all may not be offered through individual campuses or during the current semester. Unit hours displayed are the typical supervised nominal hours for typical attendance but actual hours can vary. The information contained within this brochure was correct at the time of printing.  
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MEM05046B	Perform welds to code standards using manual metal arc welding process
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## Electives

Unit	Description
MEM05042B	Perform welds to code standards using flux core arc welding process
MEM05043B	Perform welds to code standards using gas metal arc welding process

## How do I apply and where can I find more information?

Phone the Customer Contact Centre on 1300 CQ TAFE (1300 27 8233) or visit our website: [www.cq.tafe.qld.gov.au](http://www.cq.tafe.qld.gov.au)

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