



Training • Education • Careers

ADVANCED WELDING TO AS 1796



COURSE INFORMATION

This course is for individuals who would like to upskill their qualifications to be able to perform pressure welding to Australian Standards.

This course provides training and assessment in the following units of competency.

MEM05026C	Apply Welding Principles (theory component)
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Select one unit from the following four welding electives

MEM05043B <i>Certificate 8</i>	Perform welds to code standards using Gas Metal Arc Welding process
MEM05044B <i>Certificate 7</i>	Welds to code standards using Gas Tungsten Arc Welding
MEM05045B <i>Certificate 4</i>	Perform pipe welds to code standards using Manual Metal arc Welding process
MEM05046B <i>Certificate 3E</i>	Perform welds to code standards using Manual Metal Arc Welding process.

COURSE OUTCOME

Upon successful completion of MEM05026C Apply Welding Principles (theory component) and one of the four elective units you will receive a statement of attainment from Tec-NQ with the option to be certified by Weld Australia in Welders Certification AS 1796 in Certificate 3E, Certificate 4, Certificate 7 or Certificate 8.

Welding certification to be completed by Weld Australia.

ENTRY REQUIREMENTS

To gain entry into this course you must hold a Certificate III in an Engineering trade qualification, with evidence of competency in welding.

COURSE PREREQUISITES

Certificate III in Engineering.

COURSE OUTLINE

This course involves 40 hours of welding theory and 60 hours of practical skill building in the participant's choice of manual metal arc, gas tungsten arc or gas metal arc welding units of competency.

COURSE TOPICS

- Safe welding practices
- Material, joint practices, preparation including measurements
- Welding with a GMAW and MMAW
- Reading and interpreting written information and job instructions, statutory and regulatory requirements
- Interpreting welding terms, codes and symbols
- Effects of heat treatment on metal in relation to welding
- Sequence of welding operations

COURSE COST

PAYMENT 1	Due on Enrolment	\$1500
PAYMENT 2	Due on commencement of Week 2 of face-to-face training	\$300

CERTIFICATION COST

CERTIFICATION WITH WELD AUSTRALIA
\$ TBA

ENROLMENT ENQUIRIES

For all enrolment enquiries please contact Tec-NQ by phone on **07 4779 2199** or via email on **info@tecnq.com.au**.



GENERAL ENQUIRIES

54 Discovery Drive
Douglas Townsville QLD 4814

PO Box 105 JCU QLD 4811

P (07) 4779 2199

E info@tecnq.com.au

Tec-NQ's "Complaints and Appeals Policy" and the "Student Refund and Cancellation Policy and Procedure" can be found at www.tecnq.com.au.

DELIVERY DATES

PRACTICAL TRAINING	
DAY	Thursday
TIME	5pm -9pm
DATES	3 July - 13 Nov 2019

THEORY TRAINING	
DAY	Wednesday
TIME	5pm -7pm
DATES	31 July - 4 Dec 2019

DELIVERY MODE

Training is delivered face-to-face including theory and practical assessment.

RESOURCES REQUIRED

- Full Length Clothing with Steel Cap Boots
- Safety Glasses
- Pen
- Notebook
- Welding Helmet and Gloves
- 5 Inch Grinder

TRAINING LOCATION

Face-to-face training is delivered at:

TEC-NQ TOWNSVILLE
54 DISCOVERY DRIVE
DOUGLAS 4814

