

Welder Certification Course

Certificate No. 7

Perform welds using GTAW

Gas tungsten arc welding (GTAW) to code standard carried out using a range of materials. The person would work autonomously or in a team environment using predetermined standards of quality, safety and welding procedures. Butt welds are produced in the flat, horizontal, vertical and overhead positions. Preparation of materials may include preheating, setting up of jigs, fixtures, clamps, etc. Materials used may include carbon/manganese steel, low alloy steel and aluminium materials and pipe. This unit, in conjunction with Unit MEM05026C Apply welding principles, may satisfy the requirements of AS 1796 Certificate 7.

Course Cost: \$750 - Theory block (MEM05026C)
One week block with trainer
\$750 - Practical

Course Duration: Theory: 1 week (5 days) Block ONLY - 8am - 4:30pm
Practical: 1 week (5 days) 8am - 4:30pm or 18 Wednesday evenings 5-8pm

Course Location: ATEC - Ottoway
275 Grand Junction Road

Course Content: **Certificate No 7** - Gas Tungsten Arc Welding (GTAW)
Includes unit MEM05044B - Perform welds to code standards using Gas Tungsten Arc Welding.

Pre-requisites: MEM05007C Perform manual heating and thermal cutting
MEM05019D Weld using gas tungsten arc welding process
MEM05020C Perform advanced welding using gas tungsten arc welding process
MEM05049B Perform routine gas tungsten arc welding
MEM05051A Select welding processes
MEM05052A Apply safe welding practices
MEM09002B Interpret technical drawing
MEM12023A Perform engineering measurements
MEM18001C Use hand tools
MEM18002B Use power tools/hand held operations

Safety Equipment: *To be supplied by the participant*

- Safety boots
- Clear Safety glasses
- Long pants
- Long sleeved shirt



**For Further details and bookings please contact
ATEC Training on 1300 112 832 or email bookings@atec.asn.au**