

Welder Certification Course

Certificate No's: 1, 1E, 3 & 3E

Perform welds using MMAW

Manual Metal Arc Welding (MMAW) 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 and fillet 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, etc. This unit, in conjunction with Unit MEM05026C Apply welding principles, may satisfy the requirements of AS 1796 Certificates 1, 1E, 3 and 3E.

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 1 - Manual Metal Arc Welding (MMAW) of welds in carbon steel plate and carbon steel pipe over 600mm outside diameter.

Certificate no 1E - Manual Metal Arc Welding (MMAW) of welds in carbon steel plate and carbon steel pipe over 270mm outside diameter

Certificate No 3 - Manual Arc Welding (MMAW) of welds using hydrogen controlled electrodes in alloy steel plates and alloy steel pipe over 600mm outside diameter

Certificate No 3E - Manual Metal Arc Welding (MMAW) of welds using hydrogen controlled electrodes in alloy steel plate and alloy steel pipe over 270mm outside diameter. (Includes unit MEM05046B - Perform welds to code standards using manual metal arc welding process)

Pre-requisites:

- MEM05007C Perform manual heating and thermal cutting
- MEM05012C Perform routine manual metal arc welding
- MEM05015D Weld using manual metal arc welding process
- MEM05016C Perform advanced welding using manual metal arc welding process
- MEM05026C Apply welding principles
- 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
- Long pants
- Clear Safety glasses
- Long sleeved shirt

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