

## Manual Metal Arc Welding

### Aim

The course has been designed for skilled or semi-skilled delegates who are involved in production or maintenance work and require an introduction to the manual metal arc welding process. The course aims to develop an individual's knowledge of safety requirements, principles and practical applications of manual metal arc welding equipment.

### Course Content

- Safety as applied to manual metal arc and welding equipment
- Basic principles of the manual metal arc welding process
- Joint designs and applications
- Single beads in the flat position
- Horizontal/vertical fillets, lap welds
- Outside corner and butt welds
- Welds to be completed on mild steel, thickness ranging from 3mm–20mm plate.

**Duration:** depending on delegates' experience/progress

**Accreditation:** BS4872

Course bookings  
and enquiries

Telephone:  
01702 214100

Fax:  
01702 390488

Email:  
[pbt@prospectscollege.co.uk](mailto:pbt@prospectscollege.co.uk)

Welding Training