

## AOM 009 Level 2 Resistance Spot Welding (BS1140) MAG Welding (BS4872)

This module covers the welding requirement for IMI Accreditation and is a prerequisite for candidates wishing to achieve IMI Accreditation Panel Technician/Senior Technician.

The certification must be 'current' (issued within the last two years) and must be quality assured by an Awarding Organisation that is recognised by the IMI.

The candidate must demonstrate the ability to:

- Set up the MAG equipment including wire type, speed, gas type and flow
- Set up the MAG equipment including gun tip, nozzle and power
- Prepare sheet metal appropriately
- Visually test and assess the MAG welds for visual defects
- Complete a continuous vertical up MAG weld – Fillet & butt
- Complete a continuous overhead MAG weld – Fillet & butt
- Carry out quality checks to all finished welds
- Visually identify weld defects
- Complete a series of resistance spot welds to BS1140
- Complete resistance welds through peel testing in accordance with BS1140
- Use Personal Protection Equipment (PPE)
- Follow health and safety guidelines
- Work within given time constraints