

SMAW Welding

By Ace Nichols



- Shielded Metal Arc Welding uses an electric arc
- A coated rod (electrode) melts to join metal
- The coating creates a gas shield to protect the weld
- Works well on steel and thick metals
- Good for construction and repair jobs

- Good for thick steel materials
- Equipment is simple and affordable
- Can be used in outdoor or remote locations
- Requires skill to control arc length and quality
- Often used for structural welding like bridges and frames

