Plasma Cutting - Safe Use and Operation

Course Aim

To provide delegates with a basic knowledge of general health and safety, including plasma safety, with practical cutting skills development.

Who Should Attend?

Operators requiring knowledge to safely set up and use plasma cutting equipment.

Course Duration

This is a 1 day course.

Certification

A certificate of attendance will be awarded on successful completion of the course.

An additional instructor report on an individual's performance can be provided on request.

Agenda

Theory

- How the plasma cutting process works
- Commonly used applications
- Features and benefits
- Limitations of the process
- Health and safety issues for the operator
- PPE required for operators
- Health and safety considerations for the working environment
- Typically used machines, power supplies and compressed air supplies
- Torch consumables and operation pointers

Practical

- Setting up the machine
- Changing torch consumables
- Hands on use and best practice techniques for cutting
- Using templates and circle cutting tools

NOTE:

At the end of the course, there will be a final review discussion, with a questionnaire to test knowledge.