



METAL INERT GAS (MIG) AND TUNGSTEN INERT GAS (TIG) WELDING TRAINING

What is the difference between MIG and TIG welding?

Metal inert gas welding or MIG welding uses a continuously feeding wire. In TIG welding (tungsten inert gas welding) the operator uses long welding rods and slowly feeds them into the weld puddle. MIG and TIG welding both use an electric arc to make the weld.

Course Description

MIG and TIG welding training modules include:

- Dealing with safety health and environment emergencies in the workplace
- Using welding definitions and symbols
- Welding carbon steel work-pieces using the gas metal arc welding process in the down-hand position
- Welding carbon steel work-pieces using the gas tungsten arc welding process in the down-hand position

Required Prior Learning

The student must have the following:

- NQF 2 unit standards
- Oxy-acetylene gas welding
- Shielded metal arc welding

QUICK INFO

COURSE DURATION

7 weeks

TIMES

08h30 – 15h30 (Mon – Thurs)

08h30 – 13h00 (Friday)

MEDIUM OF INSTRUCTION

English

COMPOSITION

The course consists of both theory and practical work

ACCREDITATION

This course is a non-accredited course

COURSE FEE: R4,300