



OXY FUEL GAS – HEATING, CUTTING AND WELDING

Aims and Outcomes

This course is designed to give participants the necessary skills to safely and effectively carry out oxy fuel gas – heating, cutting, and welding.

The training covers oxy fuel gas safety, PPE requirements, tools, equipment and procedures for setup and operation, cutting allowances, defects, and applications for various material types.



Prerequisite

There are no prerequisites for this course.

Course Content

The Oxy Fuel Gas – Heating, Cutting and Welding is based on competencies within the Australian Qualification Framework (AQF):

- Safe work practices and procedures, hazard and control measures, PPE requirements.
- Specifications and procedures for Heating, Cutting, and Welding.
- Tools, equipment and techniques for Heating, Cutting, and Welding.
- Equipment types, settings and assembling procedures, pre-checks and operation.
- Procedures for adjusting heating and cutting equipment for various materials.
- Cutting allowances and procedures for minimising waste material.
- Gas Heating, Cutting, and Welding defects and their causes, and procedures for correct defects.

Certification

On successful completion of the training, candidates will be awarded a Futuro Skills Certificate in Oxy Fuel Gas – Heating, Cutting, and Welding Fixing.

Duration

10 days

Maximum Participants

8 persons