



FLAME CUTTING SKILLS COURSE

COURSE CONTENT

AIM

To enable the participant to achieve a high degree of competency and knowledge of the safe working practices in Oxy/Gas Flame Cutting.

The course can be held at NETA or on sites where there are suitable facilities and equipment.

Pre-Requisite

No previous knowledge of flame cutting is required.

Course Duration

The course will be between one and three days, dependent on the practical content. It can be tailored to suit the particular needs of the client.

Maximum Number

4 persons. By special arrangement a slight increase or decrease in the numbers can be accommodated.

Training Aids

Lecture notes, audio-visual presentation, demonstrations, practice and specific items of cutting equipment.

Assessment

Visual inspection of the learners practical work samples.

Certification

On successful completion of the course candidates will receive a NETA certificate. The certificate will be sent directly to the delegate or their sponsor company.

Please Note: NETA certificates have an advised expiry of 3 years from date of issue.

Additional Information

Meeting the needs and expectations of service users is of the highest priority to our staff. Therefore if you have any concerns or wish to make a comment about the service please contact: info@NETA.co.uk

COURSE OBJECTIVES

On completion of the course delegates will be able to:

- Show an awareness of safety requirements involved whilst using Flame Cutting equipment
- Identify and storing cylinders safely
- Identify, selecting and assembling Flame Cutting equipment
- Select the correct nozzle size and gas pressures
- Use Flame Cutting equipment to cut a variety of shapes and sections

COURSE SYLLABUS

Introduction to the Centre

- Domestic and safety arrangements
- Safety equipment and clothing

Cylinders

- Care and maintenance
- Storage
- Colour coding and marking

Cutting Equipment

- Care and maintenance
- Safe assembly

Flame Cutting

- Lighting and shutting down procedures
- Practice in Flame Cutting techniques

Practical Work

- Using the equipment to flame cut a variety of steel selections and components

Assessment

- Assessment of the course will be the visual inspection of produced test specimens using flame cutting techniques.