



TRAINING & APPRENTICESHIPS

Skills Development Programme



Oxy Fuel Cutting (Burning)



TDR Training are a leading training provider in the region, offering bespoke skills development programmes to enhance, upskill and retrain to meet future business demands.

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Overview

Oxy Fuel Cutting is a thermal cutting process that uses oxygen and fuel gas (such as acetylene, propane, propylene and natural gas) to cut through materials.

The Oxy Fuel Cutting process is the most widely applied industrial thermal cutting process because it can cut thickness of 0.5mm to 250mm, the equipment is low cost and can be used manually or mechanized.

Training & Content

Duration: 1 day

Advantages... Low Cost - Relatively low cost equipment. ● Portable - Suitable for both fixed and site work.
● Versatile - Capable of cutting a wide range of thicknesses and can be used manually or mechanised.

Introduction to Oxy Fuel Cutting

- Health & Safety
- Hazard identification
- PPE requirements

Machine Setup/Shutdown

- Gas connection
- Cylinder handling
- Gas Pressure setting
- Safety shutdown equipment

Cutting

- Oxy-propane cutting process
- Material preparation
- Marking off
- Correct cutting technique
- Straight / radius cuts
- Chamfer cuts

Troubleshooting

- Fault-finding / leak detection
- Cutting quality issues

Practical Competence Test

- Practical test to confirm learning

Certification

TDR certificate of competence upon completion of training

TDR Training

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