



Abrasive Wheels and Disk Cutter

Course code	AW&DC
Duration	1 Day
Location	Customers own site

Course Overview

This course is essential for personnel who are required to mount abrasive wheels and operate abrasive wheel machines / grinders in the course of their daily work. Certification is LANTRA (HSE approved)

In line with the requirements of the Health and Safety at Work Act 1974 employees must be aware of the hazards and risks involved when using equipment and have had sufficient training in the use of the equipment. This course is designed to enable operators to gain the necessary skills and knowledge to safely use grinding machines

Objectives

On completion of the course the delegates should be able to:

- Identify and understand requirements and their responsibilities under the current legislation.
- Understand the characteristics of abrasives and their action.
- Understand and interpret the marking system of abrasive wheels.
- Recognise the need for careful handling of abrasive wheels and carry out visual check and ring tests (bench grinders).
- Understand and identify what speeds should be adhered to in wheel selection.
- Identify main components and understand their functions.
- Mount an abrasive wheel and /or a diamond blade.
- Understand the difference between truing and dressing a wheel, undertake dressing a wheel and identify dressers (bench grinders).
- Adjust work rests correctly (bench grinders).

- Use operating precautions and be aware of avoiding hazardous conditions.
- Demonstrate their knowledge on abrasive wheels and diamond blades.
- Carry out daily maintenance on petrol powered machines. (optional)

Learning Approach

- The training course adopts a hands on approach where delegates will interact with theory and practical exercises throughout the course.

Assessment

Candidates will complete both theory and practical tests as set by LANTRA awards.