



# **Abrasive Wheels – Bench Mounted, Hand Held Electrical / Engine Driven**

## **Course Details**

- Title: Abrasive Wheels – Bench Mounted, Hand Held Electrical / Engine Driven
- Product Code: CLMB06X
- Type: Training Course
- Duration: 1 Day

Abrasive wheels are essential equipment in many industries, and the range of abrasive wheels now available makes them even more flexible and effective workshop tools. However inexperience or carelessness in the use of abrasive wheels can be very dangerous, and serious accidents can and do occur without proper training.

Our bench mounted, hand held electrical / engine driven abrasive wheel course will provide you with the confidence you need to ensure that you are working confidently and safely.

Training is a legal requirement. The Provision and Use of Work Equipment Regulations 1998 (PUWER) require employers to provide adequate training and to ensure that abrasive wheels are operated only by employees who have received appropriate training in their safe use. If you are self-employed, the regulations still apply.

## **Who is it for?**

If your working environment involves the use of bench mounted, hand held electrical/engine driven abrasive wheel tools, and you want to ensure the effective and safe use of them, then this course will provide you with the knowledge to make sure that the abrasive wheel tools are being operated correctly and safely, and you will attain a certificate of training in bench mounted, hand held electrical / engine driven abrasive wheel tools.

## **What will you get from it?**

- Understand the nature of the hazards and identify the causes.
- Identify and understand requirements and responsibilities under the current legislation.
- Understand the characteristics of abrasive 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.

## Course sessions:

- Legislative responsibilities
- Abrasive wheel characteristics and cutting action
- Abrasive wheel composition and marking system
- Wheel and spindle speed
- Inspection, handling, storage and transport
- Personal Protective Equipment
- Abrasive wheel mounting components
- Diamond blades
- Mounting an abrasive wheel
- Adjustment of work rests
- Operating precautions
- Truing and Dressing the wheel
- Mounting a diamond blade
- Fault finding
- Petrol Driven Saws
- Maintenance
- Safe use of equipment
- Hazards arising from use of abrasive wheels and diamond cutting blades

## The things you need to know:

Duration:	1 Day
Max no of learners:	6

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