

## Course Title

**Abrasive Wheel (Wheel changing & Inspection)**

## Who Should Attend

People who are required to use any form of abrasive wheels which is within the scope of their working activities

## Course Content

- Introduction and aims of course
- 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 components
- Hazards arising from use of abrasive wheels and saws

### ABRASIVE WHEELS:

- Mounting an abrasive wheel
- Adjustment of work rests
- Truing and dressing the wheel
- Mounting a diamond blade
- Fault finding

### PETROL DRIVEN SAWS:

- Diamond blades
- Maintenance

### USE OF EQUIPMENT:

- The safe use of equipment
- Practical Assessment and Assessment of Underpinning knowledge

## Course Outcome

- 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
- 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
- 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 Durations

One day course for a maximum of 6 delegates per session