

# Abrasive Wheels Safety

## Who is the course for?

Anyone who may use a disc cutter (cut-off saw) or angle grinder as a part of their job

Anyone who manages or supervises those that do

Anyone who may need to carry out a risk assessment of this activity

## What's in the course?

- The serious risks concerned with this type of equipment
- The legal obligations on those using abrasive wheels
- Safe and unsafe methods of work
- The consequences of accidents related to these tools
- The importance of setting up machines correctly
- Best practice for selection, storage and marking of discs
- The long-term health effects of noise, vibration and dust inhalation
- The protective equipment required when using abrasive wheels
- How to use dust suppression equipment.

**The Provision and Use of Work Equipment Regulations require that this training is carried out for all users of this high risk equipment.**

## Assessment

Our course ends with a theory test and a practical assessment of each delegate selecting and changing discs.

*Incidents involving this equipment are rarely minor, by their nature these tools are high risk. Additional on the job training must be provided by employers in the day to day use of this equipment*



## Course Duration

½ day

## Refreshers

We advise you renew your certificate after

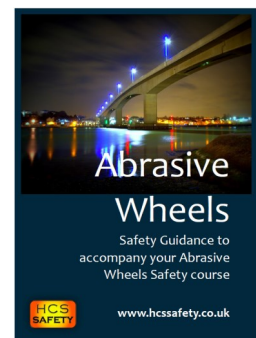
3 years

## Please bring...

Please wear comfortable clothing.

## Publication

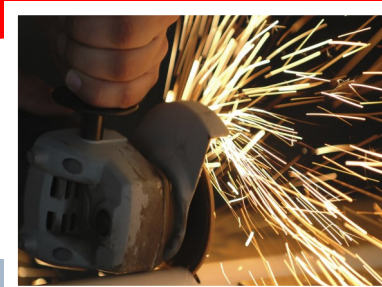
Each delegate will be issued with a booklet to take away.



Visit [www.hcssafety.co.uk](http://www.hcssafety.co.uk) for dates and prices

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## Course Programme Guide



### Session 1

- A brief overview of relevant legal requirements including duties on users of the equipment
- The safety hazards, risks and control measures including contact, wheel burst, entanglement, the working environment etc.
- The health hazards, risks and control measures noise, vibration respiratory diseases including effects of silica and the importance of wetting down/LEV and face fit testing
- The recommended personal protective equipment (PPE)
- The types of portable abrasive wheel machines and their safe use
- Resin bonded abrasive wheel selection, identification and inspection
- Diamond blade selection, identification and inspection

### Session 2

- The correct use, setting, adjustment and inspection of flanges, guards and accessories including dust suppression equipment
- Correct pre-use machine safety checks (practical exercise)
- How to mount of abrasive wheels on angle grinders, chop saws and disc cutters (practical exercise)
- Practical/inspection test
- Theory test