

Abrasive Wheels Safety



Who should attend?

- It is a legal requirement that those who use abrasive wheels for work receive training in the hazards, risks and control measures of this equipment
- 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



Course content

- The hazards and risks of abrasive wheels
- The legal obligations around abrasive wheels
- Safe and unsafe methods of work
- The consequences of abrasive wheels accidents
- 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.

NB: this course covers the health and safety aspects of using these tools. Additional on the job training must be provided by employers in the day-to-day use of this equipment



Assessing learning outcomes

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



Course duration

- ½ day



Refresher training

- Certification renewal required after 3 years



Please bring

- We advise you wear comfortable working clothing for this course



Publication(s)

- All delegates will receive a booklet to take away.



Visit www.hcssafety.co.uk for dates and prices



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

