



In – House Training

ABRASIVE WHEELS

Who should attend this course:

Any person(s) who, as part of their working duties, are involved in the selection, inspection and use of abrasive wheels in the workplace.

Course content:

This half day training course is aimed at anyone who selects, mounts or uses abrasive wheels. The course covers different the different aspects and types of abrasive wheels, including, pre-use inspection to wheels and tools, hazards, correct PPE and the correct cutting/grinding techniques and correct selection of abrasive wheels. This course has both a theory and practical element.

Course aims:

- To cover the duty of care placed on employers by the Provision and Use of Work Equipment Regulations 1998
- To provide adequate instruction to enable the safe use abrasive wheels.
- To give the delegate the knowledge required to select the correct abrasive wheel for the job.
- To detail the requirements with regard to the use of suitable Personal Protective Equipment.
- To demonstrate how to cut or grind safely.
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Theory Content:

- An overview of the HSWA 1974 and how it effects the planning of work with abrasive wheels.
- What are the duties of care placed on employers by the HASAW Act and PUWER 1998.
- What are the responsibilities placed on employees by HASAW Act and PUWER 1998.
- The common causes of accidents with abrasive wheels.
- The common causes of burst wheels.
- The markings found on abrasive wheels.
- The markings found on angle grinders.
- The British marking system that is found on abrasive wheels and how it can be used when ordering new wheels.

- Eye protection what is the best type and why it is needed.
- Hearing protection why it is needed and what style is recommended.
- Dust masks why they are needed and what type is recommended.
- What other PPE is required when using abrasive wheels.
- The effects on the human respiratory system of RSA Silica and how dust suppression systems can be effective in preventing long term damage.
- What precautions are recommend when using abrasive wheels to prevent fires.
- The safe use of abrasive wheels in confined spaces.
- What are the dangers of HAV when using abrasive wheels and how it can be controlled.
- Multiple choice test.

Practical Content:

- Each Delegate will have to select the most appropriate cutting wheel for the task given form the wheels provided.
- Each Delegate will have to correctly mount their chosen wheel onto the wheel
- Each Delegate will have to perform a before use inspection on both the wheel and the tool.
- Each Delegate will have to use the grinding wheel using the safe system of work given by the instructor.

.Course duration: 3 to 4 Hours (depending on class size and experience)

Assessment:

Delegates will be assessed on their competence by the instructor throughout the practical session and will need to reach the required pass mark in a multiple choice question paper.

For more information contact:

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