



Training Services

COURSE CONTENTS

Code	TRN – 6	Administrator	Ged Henry
Title	Safe Use of Abrasive Wheels Course	Contact	+44 (0)7894 595697
Version	January 2017	Email	sales@ppsafety.co.uk
		Tel	+44 (0)121 359 4561

What is this course about?

This course is designed to give advice on precautions for the prevention of accidents in the use of abrasive wheels resulting from either wheel breakage or contact with a running wheel. The risk of breakage is inherent in every abrasive wheel. The initial care exercised in the design, manufacture and testing by abrasive wheel and machine makers must be coupled with the adoption of safety measures by the users. Accident statistics indicate that nearly half of all accidents involving abrasive wheels are due to an unsafe system of work or operator error.

Who would benefit from this course?

The course is aimed at any person who is required to use and operate an abrasive wheel type machine either hand held or bench mounted. In relation to abrasive wheels, PUWER 98 requires, among other things, that all machinery is suitable for its intended use and is properly maintained, and that all employees, including those using, mounting and managing the operation of abrasive wheels, are fully informed and properly trained in their safe use and are fully aware of the safety precautions.

The following key issues are covered:

- An outline of relevant legislation and safe working practices
- Hierarchy of Control Methods for abrasive wheel activities
- Risk assessment
- Personal Protective Equipment Regulations

Requirements for Abrasive Wheel type machines and equipment:

- Relevant European standards and codes of practice
 - Compatibility issues with other PPE equipment.
 - Reducing the risk of injury.
 - Employer and employee responsibilities
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- hazards and risks arising from the use of abrasive wheels and the precautions to be observed
 - methods of marking abrasive wheels with their type, size and maximum operating speed
 - how to store handle and transport abrasive wheels
 - how to inspect and test abrasive wheels for damage
 - the functions of all the components used with abrasive wheels such as flanges, blotters, bushes
 - how to assemble abrasive wheels correctly to make sure they are properly balanced and fit to use
 - how to identify different types of abrasive wheel (vitreous, resin, reinforced)
 - the correct adjustment of the machine guards
 - the selection and use of suitable personal protective equipment, e.g. eye protection

This course involves all candidates completing:

- Practical exercise in the correct removal of abrasive wheels.
- Practical exercise in the correct fitting of abrasive wheels.
- Practical exercise for inspecting abrasive wheels.
- A written assessment consisting of a multiple choice question paper.
- A training pack will be issued to all candidates on this course.