



## Training Services

### COURSE CONTENTS

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#### 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, in particular injury resulting from either wheel breakage or contact with a running wheel. The risk of breakage is inherent in every abrasive wheel. If the number of breakages is to be kept low, 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?

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.

#### The following key issues are covered:

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

#### Requirements for Manual Handling:

- 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
  - the proper method of truing and dressing an abrasive wheel
  - the correct adjustment of the work rest on pedestal or bench grinding machines
  - the use of suitable personal protective equipment, for example eye protection

#### This course involves all candidates completing:

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

**Please refer to our frequently asked questions for more information on training requirements**