

# Abrasive Wheel Disc Mounting

## **Course Duration: Short Duration Course**

### **Aim and Objectives:**

To provide training in the safe mounting of Abrasive wheels and discs on grinding/cutting machines in accordance with the Provision of Work Equipment Regulations 1998.

Please note that should you require a course on abrasive wheels mounting and cutting the course content needs to be tailored to suit the type of cutting/application you are carrying out. If you require a bespoke course of this nature, please feel free to contact us so that we are able to provide you with a quotation.

By the end of the course candidates will be able to:

- State the hazards that exist when using abrasive wheels and the precautions required to overcome these hazards, including use of PPE.
- Identify different abrasive wheel codes and explain their meaning in relation to type of abrasive grit material, grit size, bond type and hardness etc.
- Explain/demonstrate the approved method of inspection/testing of various types of abrasive wheel
- Explain the functions of named parts
- Demonstrate the correct method of mounting an abrasive wheel to a machine and making sure they are balanced and safe to use

### **Course Content:**

- Introduction and housekeeping
- Aims and objectives
- Definition of an abrasive wheel
- Legal overview
- Consideration for the safe use of abrasive wheels
- Machine types
- Abrasive wheel characteristics
- Marking methods
- Wheel bursting
- Components and their functions
- Mounting of abrasive wheels
- Guards/work rests
- Truing and dressing
- Safe Tips for Cutting and Grinding
- Storage handling of abrasive wheels
- Multi-choice question paper
- Course review

### **Pre-Requisites for Candidates:**

No formal qualifications or experience are necessary. Literacy and language comprehension are important requirements on all courses.

Any physical impairment or literacy issues should be discussed with LTC Training Services Ltd prior to making a booking so we can best accommodate your needs.

### **Training Location Options:**

We offer this course from both our Devon and Cornwall training centres as well as giving customers the option to hold training on site at a location of their choice (subject to the proposed venue having a suitable classroom facility and any other necessary facilities required for this course). Please contact us for further details.

### **Course Start Time:**

All courses unless agreed otherwise will commence at 8:15am or 12:30pm

**Certification:**

Certificates are included in the cost of this course and are produced by LTC Training Services Ltd. They will be forwarded to the customer once payment has been received in full and are valid for 3 years.

**Lunch and Refreshment Facilities:**

Lunches will not be provided. However water, tea, coffee, fridge and microwave facilities are available in our canteen for your use free of charge.

**Accommodation and Transport:**

Candidates are required to organise and pay for their own accommodation and transport should it be required. A list of local accommodation can be provided on request.

**Number of Candidates per Course:**

A maximum of 12.

**CITB Grants:**

LTC Training Services can claim £60.00 per candidate providing you have a CITB LEVY number.

**Refresher Training:**

LTC Training Services Ltd recommend that candidates re-attend this course every 3 years to ensure they are aware of current legislation and procedures.

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