COURSE ENTRY CRITERIA

This training course is designed for personnel who need setup, use, select and change abrasive wheels and discs on portable grinding machines

AIMS

To provide training to ensure the correct selection, mounting, maintenance and use of abrasive wheels on portable grinding machines.

OBJECTIVES

On completion of training course, candidates should have a robust understanding of the types of abrasive wheels and discs in their workplace. The techniques required to inspect maintain and replace abrasive wheels.

COURSE DESIGN

Course designed in accordance to BS EN ISO9001 : 2015 National and International Standards, and in compliance with the Health and Safety Executive Approved Codes of Practice, Manufacturers Guidelines, achieving best practice. Training Methods – Theoretical & Practical exercises

REFERENCES

HSG 17 Safety in the use of Abrasive Wheels, BS ISO 525:2013 Bonded Abrasive Products, PUWER,

MEASUREMENTS OF ACHIEVEMENT

Theoretical & Practical Exercises

C & G Services (Europe) Ltd

(BS EN ISO 9001: 2015)

In compliance with the HSE

DURATION

6 Hours

RATIO

8 candidates per instructor

LOCATION

In Centre or On-Site

- Introduction
- Duties and responsibilities of stakeholders
- Applying MindSafety to operations
- Use of the REACTEC HAVmeter (or equivalent, as issued)
- Hazards and risks associated with grinding/cutting operations
- The working environment and dust suppression measures
- Personal protective equipment requirements
- Types and design of abrasive wheels and disc
- Factors Influencing the selection of grinding and cutting wheels
- Methods of Inspection, including Visual & Ring Checks
- In-service maintenance of abrasive wheels
- Storing and handling of abrasive wheels
- Calculation of wheel speeds
- Wheel/Disc mounting sequence, safe procedure
- Basic grinding or cutting techniques
- Refuelling safety (if applicable)
- Safety with trailing leads and electrical supplies (if applicable)
- Transporting of portable grinding machines
- Summary assessments
- Course documentation and closure

NOTE: This training course may contain practical elements that could generate harmful dusts. Candidates are to attend with their own, issued and face fit tested respiratory protective equipment (RPE). Responsibility cannot be taken for candidates arriving without the appropriately tested RPE.

consult & gettrained
gettrained.co.uk

For further information on the course or course availability, please call
t. 01453 826781   **e.** info@gettrained.co.uk   **w.**ww.gettrained.co.uk

- Suitable classroom with sufficient tables and chairs for candidates and trainer

- White wall or projector screen

- Wipe board and/or flip chart

- 240 volt electrical supply

- Adequate welfare facilities

- **Candidates must have correct personal protective equipment for cutting/grinding operations, in accordance with SSOW, RAMS and industry good practice.**

- **Sufficient selection of items encountered in routine cutting/grinding operations.**

- **Water supply for wet cutting operations/dust control.**

- **Suitable training area to enable practical cutting exercise.**

- **110 volt Angle grinder complete with spanner, transformer, extension cable, RCD and guards (If required for training course)**

Or

- **Petrol disc cutter complete with correct fuel mix, dust suppression and disc changing tools**

- **Sufficient cutting or grinding wheels for task**

- **All candidates will be required to perform practical cutting/grinding operations with the supplied equipment.**

- **Suitable power supply at the practical training area will be required if a grinder is used.**

NOTE: This training course may contain practical elements that could generate harmful dusts. Candidates are to attend with their own, issued and face fit tested respiratory protective equipment (RPE). Responsibility cannot be taken for candidates arriving without the appropriately tested RPE.