

WOODCRAFT MANNINGHAM – Safe Work Procedure

12 BENCH GRINDER

DO NOT use this equipment unless you have been instructed in its safe use and operation and have been given permission

PERSONAL PROTECTIVE EQUIPMENT



Safety glasses must be worn.



Long and loose hair must be contained.



Sturdy footwear must be worn at all times in work areas.



Close fitting/protective clothing must be worn.

PRE-OPERATIONAL SAFETY CHECKS

- ✓ Locate and ensure you are familiar with all the grinder operations, controls, work rests and jigs.
- ✓ Ensure all guards are fitted, secure and functional. Do not operate if guards are missing or faulty.
- ✓ Check workspace to ensure no slip/trip hazards are present.
- ✓ Ensure the wheels do not touch the work rest and that the gap between wheel and rest is no greater than 1.5mm.
- ✓ Check that the wheels are running true and are not glazed or loaded. True up with diamond dressing tool.
- ✓ Check for cracks in the wheel and report any you find.

OPERATIONAL SAFETY CHECKS

- ✓ Stand to the side of the wheels when starting up.
- ✓ Let the wheels gain maximum speed before starting to grind.
- ✓ Only one person to use grinding machines at any one time. Do not squeeze in besides someone.
- ✓ Take care when making sweeping movements, such as grinding a radius on the end of a scraper. The handle, your fingers, hand or arm could touch the adjacent wheel which is running at high speed.

ENDING OPERATIONS AND CLEANING UP

- ✓ Switch off the machine when work completed. Be aware of how long the machine will take to stop.
- ✓ Leave the machine in a safe, clean and tidy state.

POTENTIAL HAZARDS AND INJURIES

- ⓘ Hot metal.
- ⓘ Sparks.
- ⓘ Sharp edges and burrs.
- ⓘ Hair/clothing getting caught in moving machine parts.
- ⓘ Wheels 'run on' after switching off.
- ⓘ Eye injuries.

DON'T

- ✗ Do not use faulty equipment. Immediately report any suspect machinery.
- ✗ Do not hold workpiece with gloves, cloth, apron or pliers.
- ✗ Do not grind non-ferrous metals..
- ✗ Do not hold small objects by hand.
- ✗ Never leave the machine running unattended.
- ✗ Take care when putting your face close to the wheel such as when adjusting the grinding angle. An adjacent grinder wheel may still be spinning.
- ✗ Never force the workpiece against a wheel.

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