

# WOODCRAFT MANNINGHAM – Safe Work Procedure

## 11 BENCH GRINDER (Wood Carving Chisels only)

**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 grinder operations and controls
- ✓ Wheels turn in opposite direction to normal bench grinders. Always hold chisel to the top of the wheel.
- ✓ Check workspace to ensure no slip/trip hazards are present.
- ✓ Check that the wheels are running true and are not glazed or loaded.
- ✓ 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 applying grinding compound or starting to grind.
- ✓ Only one person may operate this machine at any one time.
- ✓ Slowly move the workpiece across the face of the wheel in a uniform manner.

### ENDING OPERATIONS AND CLEANING UP

- ✓ Switch off the grinder when work completed..
- ✓ Leave the grinder in a safe, clean and tidy state.

### POTENTIAL HAZARDS AND INJURIES

- ⓘ Sparks.
- ⓘ Grinding compound thrown out by the wheel
- ⓘ Noise.
- ⓘ Sharp edges and burrs.
- ⓘ Hair/clothing getting caught in moving machine parts.
- ⓘ Wheels 'run on' after switching off.
- ⓘ Eye injuries from grit and grinding compound

### DON'T

- ✗ Do not use for anything other than wood carving chisels
- ✗ 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.
- ✗ Do not bend down near the machine while it is running.
- ✗ Never force the workpiece against a wheel.

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