**Personal Protective Equipment and Clothing.**

**DO NOT** use this machine unless you have been instructed in its safe use and

operation and have been given permission.

**Operational Safety Checks.**

**🗸** Ensure other workers are out of the work area.

**🗸** Keep fingers and hands and power cords clear of the grinding disc.

**🗸** Use two hands to operate the grinder.

**🗸** Never make adjustments while the angle grinder is running.

**🗸** Allow angle grinder to reach operating speed before applying to work piece and increase load gradually.

**🗸** Keep flexible electrical cords clear of oil, grease, other machinery, and sources of heat.

**🗸** Be aware of flying sparks.

**🗸** Hold grinder against the work piece with minimum pressure to avoid it ‘grabbing’ and causing kickback.

**🗸** Hold grinder so that sparks fly away from you, other people, and flammable materials.

**This safe Operating Procedure does not necessarily cover all possible hazards associated with this equipment and should be used in conjunction with the manufacturer’s guidance. It is designed as a guide to be used to compliment training and as a reminder to users prior to equipment use. Users acknowledge that improper use of equipment increases their risk of harm and that this is a decision they make. Anyone found to be using equipment incorrectly will have their usage rights removed pending a re-training exercise on the safe use of the equipment.**

**Finishing Operations and Housekeeping.**

**🗸** Switch off grinder before removing waste material from the bench.

**🗸** Clean bench and work area and place all waste material in bin.

**🗸** Return angle grinder and rolled up extension leads to storage area.

**Don’t.**

X Do not leave the angle grinder running & only use the grinder when hand-held.

X Do not use a cutting disc for grinding or a grinding disc for cutting.

X Do not lift or drag angle grinders by the cord.

X Do not switch off the angle grinder when it is under load, except in an emergency.

X Do not use damaged grinding disk.

X Do not touch the work piece immediately after grinding operation as it may be extremely hot.

X Do not direct the equipment towards other people.

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| A\* | *For use by trained staff only. Use by anyone else strictly prohibited.* | A | *For use by adult employees (18+) who have received and signed the safe use paperwork. No lone working.* |
| B | *For use by adult employees (16+) who have received and signed the safe use paperwork. Lone working Permitted.* | C | *For use by all employees under the supervision of adult employees who have received and signed the safe use paperwork. Adult lone working permitted.* |

**Pre-Operational Safety checks.**

**🗸** Be familiar with the operation & safety controls of the grinder.

**🗸** Us only in designated grinding area or erect screens if necessary.

**🗸** Ensure that the grinding disk, guard, and attachments (including handle) are secure and correctly fitted.

**🗸** Check that the grinding disk is the correct size and RPM for that grinder. Do not use too big or small disks.

**🗸** check for cracks in the wheel.

**🗸** Examine the power cord, extension lead, plugs, sockets & power outlet for damage.

**🗸** Ensure the cords are tested and tagged.

**🗸** Always inspect the workpiece to ensure that there aren’t any items which might damage the grinding wheel or cause inquiry to the operator.

**🗸** Secure and support the work piece using clamps, bench vices etc.

**Potential Hazards and Injuries.**

**¡** Noise.

**¡** Gravity – Being hit by objects, flying debris, cords on the ground, sparks.

**¡** Machinery and equipment – Being caught by moving parts of machinery (jewellery, hair), sharp edges, burns.

**¡** Extreme temperatures – hot metal & equipment.

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| Safety Glasses Must Be Worn | Signs &amp; Symbols | Safety glasses must be worn at all times. | WEAR DUST MASK PROTECTION SAFETY SYMBOL SELF ADHESIVE VINYL STICKERS SAFETY  | eBay | Dust mask or other RPE must be worn |  | Jewellery & watches forbidden. |
| Wear Safety Boots Signs - from Key Signs UK | Safety footwear must be worn at all times in work areas. | Ear protection must be worn - Safety sign - Vehicles at work | Hearing Protection must be worn. |  | Close fitting/protective clothing to be worn |