

SAFETY OPERATING PROCEDURES

Angle Grinder

(Portable Equipment)

DO NOT use this power tool unless you have received instruction in its safe use and operation and have permission.



Safety glasses must be worn at all times in work areas.



CSA approved footwear with substantial uppers must be worn.



Rings and jewellery must not be worn.



Long and loose hair must be contained.



Close fitting/protective clothing must be worn.



Hearing protection must be worn when using this machine.

PRE-OPERATIONAL SAFETY CHECKS

1. Use only in designated grinding area – erect screens if necessary.
2. Examine the power cord, extension lead, plugs, sockets and power outlet for damage.
3. Ensure that the grinding disc, guard and attachments (including handle) are secure and correctly fitted.
4. Inspect the grinding disc for damage. Do not use damaged grinding disc.
5. Always inspect the work piece to ensure that there aren't any items which might damage the grinding wheel or cause injury to the operator.
6. Secure and support the work piece using clamps, bench vices, etc.

OPERATIONAL SAFETY CHECKS

1. Ensure all other students are clear of the immediate work area.
2. Keep fingers and hands & power cords clear of the grinding disc.
3. Never make adjustments while the angle grinder is running.
4. Do not switch off the angle grinder when it is under load, except in an emergency.
5. Allow angle grinder to reach operating speed before applying to work piece & increase load gradually.
6. Do not lift or drag angle grinders by the cord.
7. Keep flexible electrical cords clear of oil, grease, machines and sources of heat.
8. Be aware of flying sparks. Hold grinder so that sparks fly away from you, other people and flammable materials.
9. Do not leave the angle grinder running & only use the grinder when hand held.
10. Do not touch the work piece immediately after grinding operation as it may be extremely hot.

HOUSEKEEPING

1. Avoid trip hazards & prevent damage to electrical cord/s.
2. Do not walk on, wheel objects over, or drop materials / tools on flexible electrical cords.
3. Clean bench and work area & place all waste material in bin.
4. Return angle grinder & rolled up extension leads to storage area.

POTENTIAL RISKS AND HAZARDS

- Moving and rotating parts
- Inhalation of fumes and dust particles
- Electrocution from power faults, faulty equipment or incorrect use
- Movement of work piece
- Burns from hot materials or friction

Date of last review _____

Signature _____