

HAND-HELD GRINDER SAFETY

Hand-held grinders can cause serious injury if used incorrectly. By following the safe work practices and manufacturer's instructions, you can help reduce the risk of injuring yourself or others while using these powerful tools.

When using hand held grinders:

- Inspect the grinder every time you use it for damage.
- Always wear required PPE; hearing protection, eye and face protection and gloves.
- Read and know the manufacturer's instructions regarding proper use.
- Never use the grinder without the guard in place and properly adjusted.
- Secure loose clothing and remove ties, rings, watches and any other jewellery.



BC Forest Safety

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FOLLOW THESE SAFETY PRECAUTIONS PRIOR TO USING A PORTABLE GRINDER:

- Guards must be on and adjusted properly.
- Make sure the manufacturer's stated running speeds, or markings on the grinder, and grinder wheel for the maximum speed match.
- Ensure that a machine will not operate when unattended by checking the dead-man switch.
- Wear safety glasses or goggles, or a face shield (with safety glasses or goggles) to protect against flying particles. Gloves, aprons, metatarsal safety boots, and respiratory protection may be required, depending on the work.
- Ensure the floor around the work area is clean.
- Do not use wheels that are cracked or those that excessively vibrate.
- Keep the power cord away from the grinding wheel and the material being ground.

CONSIDER THESE THINGS WHEN USING PORTABLE GRINDERS:

- Use both hands when holding the grinder.
- Stand away from the wheel when starting grinders. Warn co-workers to do the same.
- Use an appropriate ventilation exhaust system to reduce inhalation of dusts, debris, and coolant mists.

THESE THINGS SHOULD BE AVOIDED WHEN USING PORTABLE GRINDERS:

- Avoid using grinders near flammable materials.
- Do not clamp portable grinders in a vise for grinding hand-held work.
- Do not use any liquid coolants with portable grinders.
- Do not force wheels onto a grinder that is the wrong size or change mounting hole sizes.
- Do not tighten the mounting nut excessively.
- Do not put the grinder on the floor or working surface until the wheel has stopped turning.
- Do not wear loose clothing or dangling jewellery as they may get caught in the moving parts of the grinder. If you have long hair, keep it tied back.

