

Portable grinders are difficult to handle because of their size and weight. Extra care is needed to avoid injury and to protect the grinding wheel from damage. When using portable grinders, observe these precautions:

1. Always read and understand the instructions contained in the operator's manual before using the machine.
2. Wear appropriate clothing such as, safety glasses or a face shield and gloves.
3. Guard against electric shock.
 - a. Make sure that the cord is in good shape.
 - b. Do not use the grinder in the rain or in damp conditions.
4. Make sure that any guards are in place before turning the machine on.
5. Inspect the grinding wheel or other attachments for chips, cracks, or loose parts.
6. Do not use damaged wheels or attachments.
 - a. Make sure that the attachments are rated for the RPM that the grinder will produce.
7. Make sure that adjusting keys or wrenches are removed before turning the grinder on.
8. Warn other people in your work area before you start grinding.
 - a. Make sure that everyone within range is wearing eye protection.
 - b. Visitors or anyone who does not have business in your work area will not be allowed.
9. Secure the item you are working on in a vice if at all possible.
 - a. Avoid holding small items in your hands.
10. Do not force the tool into the work it may "kick back" violently.
11. Make sure that the grinder is unplugged before changing wheels or attachments.
12. Let the grinder come to a complete stop before laying it down.
13. Make sure there are no flammable or combustible materials that could ignite from sparks.