

## Portable Electric Drill Safety Rules

1. Report all unusual conditions to the instructor immediately. These might include such things as sparking, smoking, or excessive heating.
2. Be sure that the drill has a case ground that is connected.
3. Remove the chuck wrench before starting the drill.
4. Keep the drill dry.
5. Disconnect the drill cord from the outlet at times when the drill is not in use.

## Portable Shears Safety

1. Never carry or unplug the shear by the cord.
2. Disconnect the shear when not in use.
3. The shear has a **safety margin of 2"**
4. Examine the shear before each use, and report any damages that might exist.
5. Keep the cord away from heat, liquids, and sharp edges.
6. Use the shear only on metals of the correct thickness.
7. Never allow your hands to cross the cutting path.

## Tennsmith Shear Safety

1. Never remove the guard for any reason.
2. Never put your hand under the guard or behind the machine to catch the work piece.
3. The Tennsmith has a **2" safety margin**.
4. Never leave your foot under the foot pedal.
5. Never attempt to shear any material heavier than 16 gage.

## Ironworker Safety

1. Never remove guards on the ironworker.
2. Never leave the ironworker unattended while running.
3. Never reach behind the ironworker in an attempt to catch the work piece.
4. Only one person should use the ironworker at a time.
5. When using the punch, the material should not be more than half the thickness of the punch. Ex. (1/2" punch can be used on any material up to 1/8" thick).