

Grinder

To certify on the grinder you will need to know:

1. The safety rules.
2. Know the parts of the grinder.
3. Know the difference between ferrous and nonferrous metal.

Grinder safety rules

1. Wear eye protection
2. All guards must be properly adjusted.
3. The tool rest must be adjusted to 1/8" of the wheel.
4. Do not grind on the side of the grinding wheel.
5. The spark deflector must be within 1/8" of the wheel.
6. Small pieces should be held with "vice grip" type pliers.
7. A wheel that is excessively worn or cracked should be discarded.
8. The glass safety shield should be clean.
9. Stand to one side when starting the grinder.

The difference between ferrous and nonferrous metal

Ferrous metal is metal that contains a large percentage of iron in it.

Examples: Cast iron, Steel and Tool steel

Nonferrous metal is metal that has no iron content.

Examples: Brass and aluminum

Grinder parts

