

Lesson 2: Safe Use and Maintenance of  
Power Tools for Metalworking

Name\_\_\_\_\_

**Safety and Maintenance Procedures for Power Tools for Metalworking**

**Objective:** Students will describe metalworking safety and maintenance procedures.

**Directions:** Answer the following questions regarding safety and maintenance procedures in metalworking.

**Key Questions:**

1. Where is the safety equipment kept in the shop?
2. What safety equipment is necessary for metalworking in your shop?
3. What is the importance of protective eyewear in metalworking? Is the eyewear used for metalworking different from that used for woodworking?
4. Does the shop have GFCIs? Where? What equipment uses them?

5. What types of batteries are used for power pack tools? How are the batteries disposed of after being drained?
6. Where is the fire extinguisher?
7. If an electric tool has a frayed cord, what should be done? Are there any frayed cords in your shop?
8. What are the signs that a pneumatic tool is damaged?