

Lesson 1: Safety and Maintenance  
Procedures for Arc Welding

Name\_\_\_\_\_

**Arc Welding Safety**

**Objective:** Students will describe safety procedures required for arc welding.

**Directions:** Apply what you have learned about arc welding safety to do a safety inspection of the arc welding facilities in the classroom shop. Answer the following questions.

**Key Questions:**

1. What assigned safety procedures must be followed in the shop to avoid exposure to arc rays?
2. What assigned procedures must be followed to avoid burn injuries and to prevent fires?
3. How is ventilation provided?

4. Is a respirator required for any welding operations done in the shop? If so, when, and what kind of respirator is required?
5. What procedures exist to prevent electric shock?
6. Where is the fire extinguisher located?