

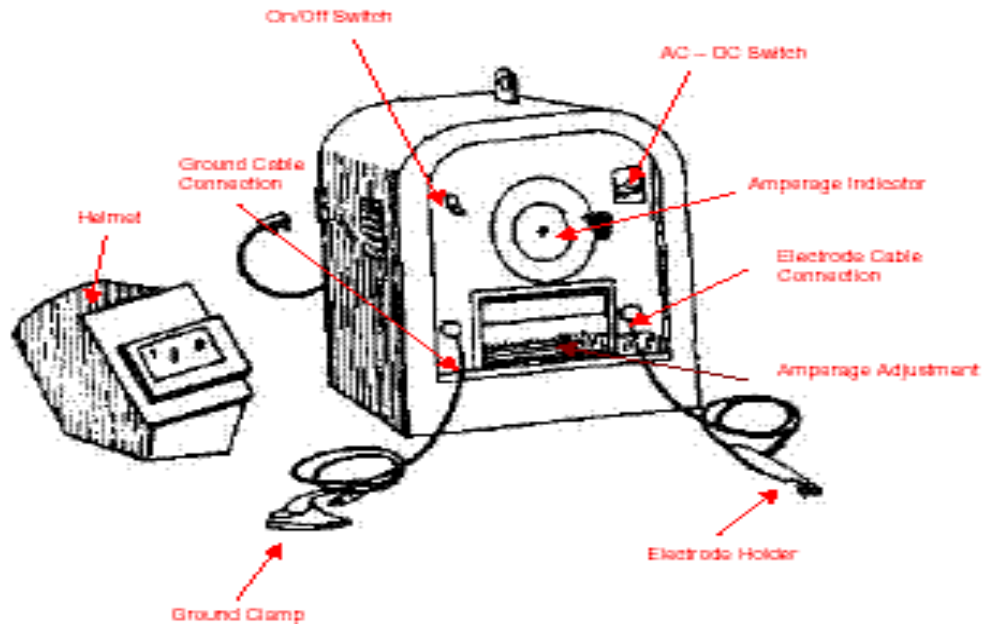
## Arc Welder Notes

### Requirements:

Proper eye protection must be worn—operate only with instructor's permission and after proper instructions have been received.

1. A welding helmet with a clean observation window must be worn.
2. Keep sleeves and pants cuffs rolled down.
3. Goggles must be worn for all chipping operations.
4. Keep all flammable material away from working areas.
5. Always wear leather gloves, apron, and shoes when welding.
6. The floor area should be dry and kept clear of all obstructions.
7. Closed containers should not be welded without the instructor's permission.
8. Report any overheating of the welding unit to the instructor at once.
9. Screens to protect others must be in place before welding is started.
10. The exhaust system must be turned on prior to welding.

### Arc Welder Parts



## **Arc Welder Written Test**

Use the correct heading and write the answers on your own paper. Use the BEST answer to complete the following:

1. Flammable materials should be kept ( **Near** **Away from**) the working area.
2. Chipping can be done ( **With** **Without**) goggles.
3. Make sure all around you are ( **Unaware** **Aware**) that you are striking the arc.
4. ( **Always** **Never**) wear a welding helmet.
5. Gloves and protective clothing are ( **Not necessary** **Necessary**).
6. Ventilation is ( **Required** **Not necessary**) during welding.
7. A(an) ( **Open** **Closed**) container can be dangerous to weld.
8. The welding area floor should be ( **Dry** **Damp**) for a good ground.

List five (5) SAFETY procedures you should do before you operate this machine:

9. \_\_\_\_\_
10. \_\_\_\_\_
11. \_\_\_\_\_
12. \_\_\_\_\_
13. \_\_\_\_\_

### ***Arc Welder Written Test Key***

1. Away from
2. With
3. Aware
4. Always
5. Necessary
6. Required
7. Closed
8. Dry

List five safety procedures you should do before you operate this or any machine:

1. Tuck in your shirt.
2. Secure your hair.
3. Remove jewelry.
4. Wear Z87 safety glasses.
5. Work with a partner.
6. Listen for and report any problems immediately.
7. Make sure that all guards are in place and working.
8. No horseplay.
9. Keep work area clean.
10. Protect hands.