

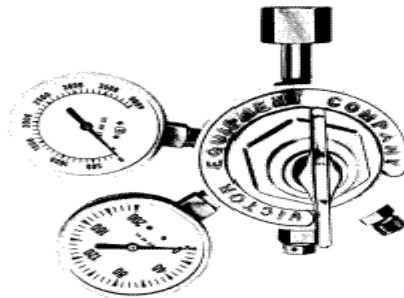
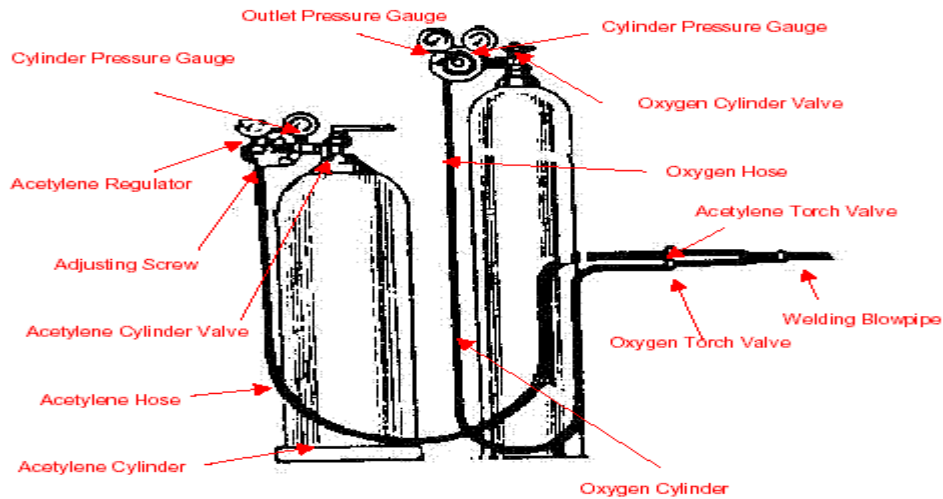
## Oxyacetylene Welder Notes

### Requirements:

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

1. Be sure cylinders are fastened with a chain as a protection against falling or rolling.
2. Always close the cylinder valve and replace protective cover before moving the cylinder.
3. Keep welding equipment free of oil and grease.
4. Protective goggles and spark-resistant clothing must be worn when welding.
5. Make sure that hoses are properly connected and all connections are tight.
6. Keep all flammable material away from working area.
7. Do not weld or cut on a closed container without instructor's approval.
8. The acetylene must never exceed 15-psi outlet pressure.
9. Only use a friction torch lighter to ignite the torch.
10. Close the acetylene valve first if the torch backfires.
11. Close cylinder valves when completing a welding job. Release or drain hoses.
12. The exhaust system must be turned on prior to igniting the torch.

### Oxyacetylene Welder Parts



NOTE: What a regulator looks like.

## ***Oxyacetylene Welding Written Test***

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

1. ( **Never**  **Always**) wear spark-resistant clothing.
2. Closed containers ( **Are**  **Are not**) hazardous to weld or repair.
3. Eye protection ( **Must be worn**  **Is not necessary**) for all welding, cutting, and chipping operations.
4. The equipment should not be wiped down with ( **Dry**  **Oily**) rags.
5. Acetylene pressure should be set at ( **20**  **15**) psi.

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

6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_
9. \_\_\_\_\_
10. \_\_\_\_\_

## ***Oxyacetylene Welding Written Test Key***

1. Always
2. Are
3. Must be worn
4. Dry
5. 15

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 any guards are in place and working.
8. No horseplay.
9. Keep work area clean.
10. Protect hands.