

# Welding Technology Required Equipment List

## Required equipment for ALL classes:

- Safety glasses
- 100% cotton welder's cap or bandana
- Leather or flame-retardant welding jacket
- Leather boots (safety toe required)
- Leather welding gloves
- Welding hood with shade 10 lens
- Oxyacetylene goggles or face shield shade 5
- Chipping hammer
- Carbon steel wire brush
- Industrial rated clear face shield
- Soap stone & holder
- Slip-joint style pliers
- Welper/MIG pliers
- Vice-Grip 11R locking plier or equivalent
- 4 ½" angle grinder
- 1/16" or 0.045" cutting disc
- Flap disc – 60 - 80 Grit
- Grinding disc – ¼"
- Grinding disc – 1/8"
- Flat stringer bead style wire wheel – no cup wheels
- Tool bag - that will fit inside your welding locker to organize your tools and prevent damage to the lockers.

**All required equipment shall be kept in safe working condition at all times.  
Students are expected to repair or replace equipment as necessary.**

### **Airgas**

1621 1st Ave., Greeley, CO 80631  
(970) 353-0312  
[www.airgas.com](http://www.airgas.com)

### **Airgas**

4016 Joe Collier Ave, Dacono, CO 80514  
(970) 833-6642  
[www.airgas.com](http://www.airgas.com)

### **Buckeye Welding Supply**

360 E. 8<sup>th</sup> St., Greeley, CO 80632  
(970) 356-7546  
[www.buckeyeweldingsupply.com](http://www.buckeyeweldingsupply.com)

## Additional required equipment for classes:

### 2002, 2024

2 Small stainless-steel wire brushes

## Additional required equipment for classes:

### 2030, 2031

14" Coarse-cut half round file

2-3/4" Pipe wedge

## Additional required equipment for classes:

### 2050, 2089:

Black or red Sharpie

Minimum 12' tape measure

Combination square with level

6" – 9" torpedo level

8" X 12" steel framing square

## Optional equipment:

Torch tip cleaner

Torch striker

Silver-streak pencil

Metal scribe

8" Pipe Wedge

Small flashlight

### **General Air**

1700 1st Ave., Greeley, CO 80631  
(970) 353-5224  
[www.generalair.com](http://www.generalair.com)

### **Rocky Mountain Air Solutions**

104 E 4th St. Rd. Greeley, CO 80631  
(970) 352-0583  
[www.rockymountainair.com](http://www.rockymountainair.com)