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Welding Technology Tool List

Students accepted in the Welding Technology program at Washington County Community College are expected to have certain tools prior to starting school. The tools listed below should be of top quality, but do not have to be a particular brand or brand new. If a student has any questions about this matter, contact your instructor or by phone at 207-454-1074. **You are expected to bring your equipment to school on opening day.**

REQUIRED:

- Leather steel-toed boots – **(minimum 8: high)**
- Auto Darkening Welding Hood w/ Grind Mode (see last page for description)
- Chipping hammer
- Two-pound** ball peen hammer
- 2 (two)** vise grips pliers **(11-R 10CR) (No substitutes-must be Vise Grip brand)**
- Safety spectacles w/side shields (prescription, if applicable) **(No one will be allowed in welding without the correct glasses.)** Make sure safety glasses fit under cutting goggles. **(Must meet OSHA and ANSI standards z87.1968)**
- Mig Pliers
- 1 (one)** large stainless steel brush
- 4 – ½”** right angle grinder w/extra ¼” grinding wheels
- Welding gloves **(one pair a month will be needed)**
- Torch lighter
- Leather welding cape-bib and sleeves
- Cutting goggles make sure cutting goggle will go over safety glasses
- Welding cap
- Extra clear lens for welding **(about 100)**
- 16’** steel measuring tape
- 3 (three)** pair tig welding gloves
- 2 (two)** large steel brushes
- 1 (one)** pocket knife.
- 1** light cotton welding jacket

Approximate tool cost: **\$600 - \$800**

All of the above tools may be purchased from the following companies:

Maine Oxy Supply Co.
East-West Industrial Park
Brewer, ME 04412
1-800-639-1402

Johnson's True Value Hardware
100 North St.
Calais, ME 04619
207-454-2551

Matheson Welding Supply
112 Outer Hammond St.
Bangor, ME 04401
1-800-244-6393

Airgas
305 Target Circle
Bangor, ME 04401
207-262-9458



Metal Man ARF8550SGC Black w/ Red Flames Variable Shade Auto Darkening Welding Helmet w/ Grind

The Metal Man "Real Flame" 9-13 Variable Shade Auto-Darkening welding helmet plus Grind Mode features a light weight/comfortable design with the graphics to show your style. Features include auto on/off, external 9-13 shade control with grind setting.

This helmet features a ratchet style head gear with 5 point adjustment. Washable/replaceable sweat band. Safety standard approvals include ANSI z87.1-2003, CSA Z94.3 and CE for safe, reliable operation you can count on.

Viewing Area: 3.86" x 1.73"
Variable Shade Control 9 to 13
Grind Mode
Auto On/Off
Switching Time 1/25,000 Second
Solar Power Supply
Low Amp to 10 Amp
UV/IR protection to shade 16
ANSI and CSA Approval
5 Point Adjustment Head Gear
Magnifier (Cheater) lens compatible