

WELDING TECHNOLOGY TOOL LIST



Some items will need to be replaced due to wear such as: Gloves, Glasses, Wire Brush, Striker and sometimes Leathers. Gloves wear the most and will likely need replacement each quarter. Other items listed will likely need replacement each year.

OFW-Oxy-Fuel Welding	SMAW-Shielded Metal Arc Welding	GMAW-Gas Metal Arc Welding	GTAW-Gas Tungsten Arc Welding		
X	X	X	X	Safety Glasses <i>(clear)</i> with Side Shield UVEX 3000 or equal	\$9
	X	X	X	Welding Hood Huntsman 490P - i.e. slide front, small lense	\$55
	X	X		Leather Sleeves- i.e. covers shoulders/arms Tillman 3221	\$37.20
	X	X		Leather Bib- i.e covers chest/stomach Tillman 3120	\$10.86
	X	X		Leather Apron with split leg i.e. covers chest, stomach, waist, & legs Tillman 43 <u>42</u>	\$28
	X	X		Welding Gloves (stick) thick leather, loose fitting	6 pr x 12= \$72
X			X	Welding Gloves (TIG & Gas) Tillman 24C <i>(s,m,l) fairly close fitting but not tight</i>	4x10.69=\$42.76
X				Welding Goggles (with hard case) goggles framework is stiff not flexible plastic	\$8.46
X				Striker (single or multiple flint style)	\$2.25
X				Tip Cleaner (for acetylene tip cleaning)	\$2.75
	X	X	X	Wire Brush (long handle w/ stainless steel bristles)	\$4.25
	X			Slag Hammer	\$7
X	X	X	X	Vice Grip <u>10WR</u>	\$14
	X	X	X	Crescent Wrench 10"	\$22.82
	X	X	X	File 14" Half Round --not needed right away, advanced welding applications mostly	\$19.80
		X		Needle Nose Pliers	\$16
X	X	X	X	Weld Cap 100% cotton only--no "adjustable" hat type allowed	\$4.83
	X	X	X	Weld Lenses (#4,#5,#9,#10,#11) spares and provides for more experimentation for beginners	\$20
X	X	X	X	Galvanized Bucket (this is your tool box) No plastic items allowed in booth	\$12
			X	Swivel Head Pen Vise (used to sharpen tungsten) Hempe or magnetic scribe	\$4
X	X	X	X	100% Cotton Shirt/Pants and/or Overalls (No Blends as blends melt)	\$65
X	X	X	X	Leather Work Boots = Sewn in shoe tongue w/hard sole (No Sport/Tennis Shoes) (no man made upper materials allowed)	? - \$160
	X	X	X	6" stainless steel ruler i.e.: General stk #GTO32036GH or General model 300	\$2
	X	X	X	Penlight (pocket-size flashlight)	\$14
X				Ear Plug Case i.e.: AO Safety P/N 90585	\$2.25
	X	X	X	Combination Square Set 12" 4 pc. Includes: square, center and protractor heads	\$150
	X	X	X	Tape Measure 12' (min.)	\$16
	X	X	X	Fillet Weld Gage Set (i.e. Nasco NFG-7)	\$18
		X		MIG Welding Pliers 8"	\$27.88
	X			Boiler Pipe Wedge i.e. Armstrong p/n 79-493	\$7
X	X	X		Particulate/Welding Respirator i.e. MLDX 2310N99	\$12
X	X	X	X	Visor Headgear Huntsman 138-14381	\$10.95
X	X	X	X	Visor CLR Jackson 0754-0029	\$4.99

The listed items are a requirement to possess during all phases of the training program. It is recommended that tools be purchased **after** hearing the orientation from your instructor. If you already have some of these items, bring them your first class to see if they will function as needed.