

Plumbing & Heating Required Tool/Equipment

Loren Gordon, Instructor



FRESHMAN, PLUMBING CLASS

- 1) Tool Box (lockable preferred) (approximately 9"X9"X18" or larger)
- 2) Standard and Phillips screwdriver set or 4 in 1
- 3) 1/4" & 5/16" nut drivers or nut driver set, hollow shaft
- 4) 3/8" to 3/4" open end wrenches
- 5) 14" pipe wrench (aluminum preferred)
- 6) 18" pipe wrench (optional, but strongly suggested)
- 7) 9" (water pump) pliers (also called channel lock pliers)
- 8) Flaring Tool Yellow Jacket model #60278, Rigid model # 345, or
- 9) *Tubing cutter, RIDGID #15, CAT. #32920
- 10) *Mini-tubing cutter RIDGID #101, CAT. #40617
- 11) 9" torpedo level
- 12) 1/2" & 3/4" fitting brushes (copper cleaning brushes) – not the one piece units
- 13) 1 lb. roll of 50/50 or lead free solder – silverbrite preferred
- 14) 16 oz. hammer, rip or claw
- 15) Steel toe boots -- **ANSI Z41** certified
- 16) Mechanics gloves
- 17) Propane or Map gas torch kit (self-igniter suggested) – **medium tip only!!**
- 18) PEX Tubing cutter (must be able to cut 1/2" & 3/4" tubing)
- 19) 25' tape measure
- 20) Basin wrench (optional)
- 21) ***Z-87** safety eye wear, **Clear Lenses ONLY**
- 22) 6 & 8" Adjustable wrenches 1 each size (Klein D507 are suggested)
- 23) Wire brush or wire wheel brush for a drill

SENIOR, HEATING CLASS, INCLUDE WITH ABOVE ITEMS FOR 2ND YEAR

- 1) 9" Linemen pliers (Klein D201-9NE)
- 2) Wire stripper (Klein 11057 or similar style)
- 3) Allen wrench set SAE and Metric
- 4) Needle-nose pliers (Klein D203-6)
- 5) Terminal Crimper (Klein 1005 are highly suggested)
- 6) Lock-out tag-out items
 - a. Lock-out Tag
 - b. Red Padlock
 - c. Single Pole Breaker Lock-out
- 7) Multi meter (Milwaukee 2235-20 or similar)
- 8) Box of 100 latex gloves – optional

****Tools with an Asterisk "** required to be specific BRAND and MODEL #**

Tools will be required on the first day of class.

Please note: If tools are to be purchased through the business office, a handling fee may be added. Students taking the Residential Wiring course may not be required to purchase additional tools. If additional information is needed, please call me at 768-2745 or e-mail me at nlgordon@nmcc.edu.