

**PHCC Educational Foundation  
Plumbing Apprentice Contest  
2019 Tentative Tool List**

Quantity	Item
1	12' (or longer) Steel Tape Measure
1	Copper Tubing Cutter w/Reamer
1	Channel Lock Pliers
1	8" or 10" Adjustable Wrench
1	4-Way Screwdriver
1	9/16" Combination Box/Open-End Wrench
1	3/8" Ratchet Wrench
1	9/16" Socket
1	14-16 oz Claw Hammer
1	Torpedo Level
1	Plastic PVC pipe reamer/suitable knife
1	Exterior PVC Reamer
1	Straight Tin Snips
1	Hacksaw
1	Copper Cleaning Tool (1/2" & 3/4")
1	Roll of Plumber's Sandcloth
1	2H Pencil and Eraser
1	Tubing Bender for 3/8" OD
1	Torque Wrench for No-Hub Bands
1	5/16" Nut Driver
1	Allen Wrench Set
1	Clear Safety Glasses
1	Sharpie Marker
1	Soapstone/Paint Stick To Mark Cast Iron
1	Battery Operated 3/8" Drill
1	Set of Gloves
1	Cast Iron Snap Cutters (optional – we have 7 sets that can be shared)

Failure to bring the correct tools may negatively impact your placement in contest results. All other tools needed for contest use will be supplied by the PHCC Educational Foundation.

If you plan to fly, please check the TSA website to ensure you are permitted to travel with certain items. [TSA Website](#)

If you choose to ship your tools (UPS or FedEx), be sure to use a trackable service. Be sure you ship them so that you receive them in time. You may ship them to the hotel but be sure to address it: "To the attention of [Your Name], Arriving October 1, 2019". Be sure to check for your tools as soon as you arrive, so that you will have them in time for the contest.