

**PHCC Educational Foundation  
HVACR Apprentice Contest  
2021 Tool List**

Item	MKE Product #	
Gloves - L	48-22-8902	Provided by MKE Tool
Gloves - XL	48-22-8903	Provided by MKE Tool
8" Adjustable wrench	48-22-7408	Provided by MKE Tool
Adjustable Channellock pliers	48-22-6310	Provided by MKE Tool
Multi-Screwdriver with #1/#2 Phillips and 3/16" and 1/4" Flat Head	48-22-2761	Provided by MKE Tool
Nut Drivers - 1/4"	48-22-2521	Provided by MKE Tool
5/16"	48-22-2522	Provided by MKE Tool
Tubing Cutter	48-22-4252	Provided by MKE Tool
Tape Measure	48-22-9716	Provided by MKE Tool
Diagonal Cutting Pliers	48-22-6106	Provided by MKE Tool
Wire Stripper/Crimping Tool	48-22-6579	Provided by MKE Tool
Lineman Plier's	48-22-6502	Provided by MKE Tool
2 pc M12 drill\impact kit	2598-22	Provided by MKE Tool
HACKZALL	2520-21XC	Provided by MKE Tool
Digital Multimeter with clamp on probe	2237-20	Provided by MKE Tool
Digital Multimeter with clamp-on amp probe, temperature function, and test leads		Optional
Tube Deburring Tool		Optional
Flaring Set (3/8")		Optional
Refrigerant Manifold Gauge Set (R410A) with low loss fittings		Optional
Clamp-on thermistor with cable		Optional
Clear Safety Glasses		You must provide
Digital Thermometer (pocket style)		You must provide

Most tools needed for contest use will be supplied by the Milwaukee Tool Company, and you will be able to take them home with you after the contest. If you are more comfortable using your own tools, rather than contest-supplied items, you are permitted to bring them.

If you plan to fly, please check the TSA website to ensure you are permitted to travel with certain items, like lithium batteries. [TSA Website](#) If you choose to ship your tools (UPS or FedEx), be sure to use a trackable service.