

HVAC Mechanic Equipment List

Name: _____

Issue Date: ____ / ____ / ____

Personal Protection Equipment

- ☐ Hard Hat
- ☐ Back Support
- ☐ Gloves – standard and chemical resistant
- ☐ Respirator and Cartridges
- ☐ Ear Protection – plugs and muff type
- ☐ Eye Protection – impact, splash and welding
- ☐ GFCI
- ☐ Knee Pads
- ☐ First Aid Kit
- ☐ Rubber Boots
- ☐ Rain suit
- ☐ Fire Extinguisher
- ☐ _____
- ☐ _____
- ☐ _____

Electrical Test Instruments

- ☐ AC and DC volts (true rms)
- ☐ DC microamps
- ☐ AC amps (true rms)
- ☐ Capacitance
- ☐ Ohms
- ☐ Megohms
- ☐ Phase Rotation / Frequency
- ☐ _____
- ☐ _____
- ☐ _____

Refrigeration Service

- ☐ Manifold Gauges, hoses and low-loss fittings (two sets)
- ☐ Refrigerant Recovery Machine
- ☐ Recovery cylinders dedicated to each refrigerant type
- ☐ Charging Scales
- ☐ Thermometers – contact and infrared
- ☐ Digital Psychrometer
- ☐ Electronic Leak Detector
- ☐ Oxy-acetylene torch set
- ☐ Mapp or propane torch
- ☐ Nitrogen tank, regulator and flow gauge
- ☐ 6 CFM Vacuum Pump

Refrigeration Service (continued)

- ☐ Micron Gauge
- ☐ Valve core removal tool
- ☐ Service valve wrench
- ☐ Kwikvise line tap
- ☐ Pinch-off tool
- ☐ Tubing flare and swage set
- ☐ Tubing cutters – small and large size
- ☐ Fin comb set
- ☐ Acid and Moisture Test Kits
- ☐ _____
- ☐ _____

Hand Tools

- ☐ Grease Gun
- ☐ Steel brush
- ☐ Gasket scraper
- ☐ Hex keys – long arm and folding set
- ☐ Screwdriver set
- ☐ Nut driver set
- ☐ Flare nut wrench set (3 pc)
- ☐ Combination wrench set (7 pc)
- ☐ Socket set (1/4", 3/8" and 1/2" drive)
- ☐ Adjustable wrenches (4", 10" and 12")
- ☐ 14" pipe wrench
- ☐ Torque wrench
- ☐ Groove pliers set (3 pc)
- ☐ Retaining ring pliers
- ☐ Long nose locking pliers
- ☐ 6" slip joint pliers
- ☐ Needle nose pliers
- ☐ Diagonal cutter
- ☐ Lineman's pliers
- ☐ Terminal Crimping tool
- ☐ Wire strippers
- ☐ Files – flat and slim tapered
- ☐ Hacksaw frame
- ☐ Utility Knife
- ☐ Caulking Gun
- ☐ PVC cutter
- ☐ Aviation snips
- ☐ Scratch awl
- ☐ Ball-peen hammer
- ☐ Rubber mallet
- ☐ Punch and Chisel set
- ☐ Pry bar

Hand Tools (continued)

- ☐ Fan blade / wheel puller
- ☐ 25' measuring tape
- ☐ Torpedo level
- ☐ Probe set (3 pc)
- ☐ Telescopic inspection mirror
- ☐ Putty knife
- ☐ _____
- ☐ _____
- ☐ _____
- ☐ _____
- ☐ _____
- ☐ _____

Gas and Oil Service

- ☐ Carbon Monoxide
- ☐ Combination u-tube manometer
- ☐ Combustion Analyzer
- ☐ Flame inspection mirror
- ☐ Fuel unit test kit
- ☐ _____
- ☐ _____

Additional Items

- ☐ Tool pouch or case and large toolbox
- ☐ Flashlight
- ☐ Step ladders 6' 8' 10'
- ☐ Variable speed reversible drill
- ☐ Cordless drill with charger
- ☐ Drill bit set
- ☐ Reciprocating saw
- ☐ Soldering Iron
- ☐ Condensate drain cleaner gun
- ☐ 5 gallon wet / dry vacuum (wet and dry filters)
- ☐ Extension cords
- ☐ Water hose and spray nozzle
- ☐ Acid-resistant Sprayer
- ☐ Hand truck
- ☐ Rope
- ☐ _____
- ☐ _____
- ☐ _____