

**UNIVERSITY OF MICHIGAN HVAC**

**REFRIGERANT CONTAINING APPLIANCE SERVICE FORM**

DATE: \_\_\_\_\_ HVAC TECHNICIAN \_\_\_\_\_

**WORK ORDER AND REFRIGERANT CONTAINING APPLIANCE INFORMATION**

WORK ORDER NUMBER: \_\_\_\_\_  
 ASSET NUMBER \_\_\_\_\_  
 BUILDING \_\_\_\_\_  
 UNIT NAME \_\_\_\_\_

TOTAL CHARGE LBS \_\_\_\_\_  
 CIRCUITS \_\_\_\_\_

CHECK IF APPLIANCE HAS  
15LBS OR MORE IN ANY CIRCUIT

**≥ 15 LBS**

**SERVICE NOTES**

LEAK FOUND DATE \_\_\_\_\_ LEAK REPAIRED DATE \_\_\_\_\_

**REFRIGERANT RECOVERED AND ADDED**

**REFRIGERANT RECOVERED**

LBS	OZ	REFRIGERANT TYPE	CYLINDER TAG NUMBER	TOTAL RECOVERED

**REFRIGERANT ADDED**

LBS	OZ	REFRIGERANT TYPE	CYLINDER TAG NUMBER OR IF NEW SN	TOTAL ADDED

**SERVICE DETAILS CIRCLE ALL THAT APPLY**

Trouble Issue		Action Code	Leak Test	Follow-Up Leak Test
<b>Cause of Failure</b>	<b>Purpose for Gas</b>	Weld	Bubble Test	Bubble Test
Rub out	Leak	Replace	Dye Inject	Dye Inject
Joint failure	Top off	Bypass	Electric/Ultrasonic	Electric/Ultrasonic
Corrosion	Initial Install	Repair	Pressure	Pressure
Vibration	Seasonal	Remove	Evacuation	Evacuation
Abuse	Adjustment	Tighten		
Warranty		New Cap/Seal		
Seal failure		Relocate		
Rupture		Other: _____		
Catastrophe				
Mechanical failure				
ALDS				

**FLIP PAGE TO FILL OUT LOCATION OF LEAKS**

**LOCATION OF LEAKS CIRCLE ALL THAT APPLY**

Location of Leak				
<b>Compressor</b> Body /Terminal Lugs Fittings Flanges /Couplings Head Gasket Liquid Injection Valve Oil Float Oil Separator/Oil Line Pressure Control Transducer Schrader Shaft Seal Vibration Eliminator Gauge Connection	<b>Discharge/Liquid line</b> Ambient Valve Ball Valve Check Valve Header Heat Reclaim Coil Hot Gas Bypass Muffler Oil Separator Piping Valves Pressure Control Reducer Schrader Pressure Regulating Valve Drier Piping/Header Pump Site Glass Sub-Cooler Capillary Line	<b>Condenser</b> Ball Valve Coil Header / Piping Schrader Splitting Valve Tube Bundle (Water-Cooled) Manifold Gauge Connection Condenser coil	<b>Suction Line</b> Accumulator Ball Valve CPR EPR Filter housing Piping/Header Pressure Control Transducer Gauge Schrader	<b>Evaporator</b> Ball Valve Expansion Device (TXV,Float,Cap Tube) Coil Distributor Piping Schrader Secondary Heat Exchanger Thermometer Connection
<b>Piping</b> Piping Other Capillary Tube Joint, Flare Joint, Soldered Joint, Threaded Joint, Welded Pipe Wear	<b>Receiver</b> King Valve Level Indicator/Alarm Pressure Relief Valve	<b>Service Valve</b> Suction Discharge	<b>Heat Recovery</b> Piping Valves Controls Coils Exchanger	<b>Purge</b> Condensing Unit Filter Isolating Valve Regeneration Tank Gauge Solenoid Valves System Piping Tank / Exchanger Purge Outlet
<b>Vital Stats</b> Suction Sub Cooling Discharge Super Heat Evap Temp Oil Level				