

**► TASK** Perform correct use and maintenance of refrigerant handling equipment according to equipment manufacturer's standards.

**MAST**  
7E1

Time off	_____
Time on	_____
Total time	_____

**CDX Tasksheet Number: C656**

**Vehicle used for this activity:**

Year \_\_\_\_\_ Make \_\_\_\_\_ Model \_\_\_\_\_

Odometer \_\_\_\_\_ VIN \_\_\_\_\_

**1. Research the operation and maintenance of the refrigerant handling equipment in the appropriate operator's manual.**

a. List the manufacturer of the refrigerant handling equipment: \_\_\_\_\_

b. List the functions this equipment is capable of performing:

c. List any required maintenance tasks and the service intervals for this equipment:

d. List any special precautions when using the refrigerant handling equipment:

e. Review the steps to correctly use the refrigerant handling equipment.

f. List the current EPA machine standards.

i. For recovery-only machines:

ii. For recycling machines:

2. Following the specified procedure, demonstrate the correct use of the refrigerant handling equipment.

a. Recovery

Amount of refrigerant recovered: \_\_\_\_\_ lb/kg

Amount of oil recovered, if any: \_\_\_\_\_ oz/mL

b. Evacuate

Inches of mercury attained: \_\_\_\_\_

Microns attained: \_\_\_\_\_

c. Oil inject

Amount of oil injected: \_\_\_\_\_ oz/mL

d. Recharge

Amount of refrigerant charged: \_\_\_\_\_ lb/kg

3. Determine any necessary action(s):

4. Have your supervisor/instructor verify the correct use. Supervisor's/  
instructor's initials: \_\_\_\_\_

5. Following the specified procedure, perform the recommended maintenance on the refrigerant handling equipment.

a. Test the vacuum pump for proper operation.

Inches of mercury attained: \_\_\_\_\_

Microns attained: \_\_\_\_\_

b. Change the vacuum oil.

Type of oil required: \_\_\_\_\_

Quantity of oil required: \_\_\_\_\_ oz/mL

Condition of oil drained:

c. Perform a leak test on the machine using specified equipment.

Equipment used to perform this test:

Results:

d. Change the recovery filter.

List the filter part number: \_\_\_\_\_

e. Charge the machine with refrigerant.

List the quantity charged: \_\_\_\_\_ lb/kg

6. Determine any necessary action(s):

7. Have your supervisor/instructor verify satisfactory completion of this procedure, any observations found, and any necessary action(s) recommended.

### Performance Rating

CDX Tasksheet Number: C656

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Supervisor/instructor signature \_\_\_\_\_ Date \_\_\_\_\_