



# EPA Refrigerant Conservation Services Report



Customer: DuPont Experimental Station

Date: 05/01/2018

Location: E315 Powerhouse

Equipment Type:	
Industrial Process / Com. Refrigeration	
Commercial - Over 50 lbs Refrigerant	<input checked="" type="checkbox"/>
Commercial-Under 50 lbs Refrigerant	

Equipment ID: CHILLER #8 (GACM117864)

## Refrigerant Leak Verification Test

Source of Leak: \*\* No Leak Tests Performed. Refrigerant Install Only \*\*

Corrective Action: \_\_\_\_\_

Source of Leak: \_\_\_\_\_

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Corrective Action: \_\_\_\_\_

Initial Leak Verification Test :  Pass  Failed

Was Leak Repaired?  Yes  No  Owner Declined Repair

Verification Test Method: \_\_\_\_\_

## Refrigerant Usage - 05/01/2018

Refrigerant Type: (Circle One) R-11 R-12 R-22 R-123 R-134a R-407c R-410a Other:

Refrigerant Lbs. Used: 480 lbs Factory Charge or Approximate Charge: 3,250 lbs

Refrigerant Supplied By:  Customer  JCI  Other, Explain \_\_\_\_\_

## Refrigerant Recovery (Technician Certification Cards on File at JCI Local Office)

Recovery Unit Model# \_\_\_\_\_ Serial # \_\_\_\_\_ Mfg. Date Before 11/15/93 Yes / No

Refrigerant Type: (Circle One) R-11 R-12 R-22 R-123 R-134a R-407c R-410a Other:

Refrigerant Re-Charged to Sys.?  Yes  No Refrigerant Lbs. Recovered: \_\_\_\_\_

Refrigerant Not Re-Charged, Explanation: \_\_\_\_\_

## Refrigerant Leak Rate Formula for Units Greater Than 50 Lbs

( 480 lbs. Refrig. Added / 2,540 lbs. <sup>Last Recorded Charge</sup> ) x (365 / 134 # of Days Since Refrig. Added) x 100

Refrigerant Leak Rate Percent: N / A  Minimal refrigerant leaks were found.

Leak Rate found in excess of  15%  35% annual charge which exceeds legal EPA leak rates.

## 30-Day Refrigerant Follow-up Verification Test

Date Test Performed: \_\_\_\_\_  Pass  Failed

Comments: \_\_\_\_\_

Additional Comments: After leak repair work was completed 134 days ago on Dec. 20th, 2017, the 2,540lbs of R-134a recovered previous to repairs was re-installed in the Chiller. No surplus refrigerant was available at that time to bring the total charge back up to the design quantity of 3,250lbs. Therefore, this addition does not count towards the annualized leak rate.

Technician Signature: [Signature]

Customer Signature: \_\_\_\_\_