

CUSTOMER REPORT FOR YORK CHILLER REFRIGERANT ANALYSIS

Examples of the test data reports from the laboratories presented in the OVERVIEW follow. It may be desirable to work up a customized report format based on the type of analysis your District conducts. The laboratory's test data report may or may not be included at District discretion.

The original background information collected at the time of the sampling should be included in the report. Key data include:

- Customer Name
- Customer Address, City, State, Zip
- Persons to Notify (2)
- Date of last Refrigerant Analysis
- Chiller Manufacturer, including Model Number, Shells,
and Compressor
- Unit Serial Number
- Whether the unit running or shutdown
- Sampling done as liquid or condensed vapor
- Evaporator temperature at the time of sampling
- Evaporator pressure at the time of sampling
- Type of refrigerant
- Brief Service History

The next two pages present an example of both a suggested Cover Letter and a Summary Sheet for the YORK Customer Report

REFRIGERANT ANALYSIS RESULTS

YORK INTERNATIONAL CORPORATION

PREPARED FOR:

CUSTOMER ADDRESS:

MACHINE NUMBER:

YORK DISTRICT SERVICE OFFICE REPRESENTATIVE

DATE

REFRIGERANT ANALYSIS RESULTS

YORK INTERNATIONAL CORPORATION

FINDINGS:

RECOMMENDED ACTION:

SUGGESTED DATE FOR NEXT SAMPLING:

YORK DISTRICT SERVICE OFFICE REPRESENTATIVE

DATE

YORK CHEMICAL AND METALLURGICAL LABORATORY
YORK INTERNATIONAL CORPORATION
REFRIGERANT ANALYSIS REPORT

TO: Jim Fox - AS N.Y.Metro DATE: 12/22/87

INSTALLATION: Honeywell JOB NO.:

SYSTEM MODEL: OT-260T COMPR.MODEL: LTD-85 S/N: BO-112224

REFRIGERANT TYPE: R-11 SAMPLING POINT: Bottom of evaporator

SAMPLING METHOD: Liquid sample, unit down TEMPERATURE: 90 F

SERVICE HISTORY: No history of major problems.

SAMPLE

RESULTS OF SAMPLE ANALYSIS:

Appearance -----	Clear, amber
Moisture Content, ppm (wt.) -----	7.0
Oil Content, % (wt.) -----	0.46
Acidity, ppm (as HCl) -----	2.2
Other -----	--

COMMENTS AND RECOMMENDATIONS:

This sample's moisture content is equivalent to approximately 5 % of the saturation value for the solubility of moisture in R-11 liquid @ 90 F. This low result indicates that the Refrigerant-11 charge is "dry". Oil content and acidity also are very low. THE RESULTS INDICATE THAT THE REFRIGERANT-11 CHARGE IS IN SATISFACTORY CONDITION.

Steven W. Waltmire
CHEMIST: S. W. Waltmire

May 8, 1987

Mr. Ken Harris
York International Corp.
12901 Nicholson Road
Suite 260
Dallas, Texas 75234

RE: FREON ANALYSIS (R-11)
INTECOM, INC.
601 INTECOM DRIVE
ALLEN, TEXAS 75002-3714

SAMPLE

MACHINE IDENTIFICATION:

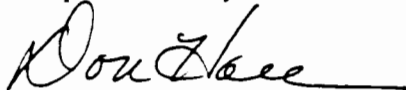
MANUFACTURER:----- YORK
MODEL:----- OTC3C3B2-0GB
SERIAL NUMBER:----- LM-100734

CHEMICAL ANALYSIS DATA:

WATER (Karl Fischer) (ppm) ----- 73 PPM
TOTAL ACIDITY (as H₂SO₄)----- 0.002 %
NON VOLATILE RESIDUE (OIL) ----- 0.21 %

If we may be of further service, please call.

Respectfully submitted,



Don Hall
Senior Analyst
DH:nh