California Air Resources Board
Refrigerant Management Program (RMP)
Refrigerant Registration and Reporting System (R3)
Updates and User Training

January 20, 2016
Agenda

• Overview: Refrigerant Management Program (RMP)
• Overview: Refrigerant Registration and Reporting (R3) System
• Demonstration:
  • Registration
  • Service Records Data Entry
  • Annual Report Submittal and Fee Payment
• Questions

RMP program web page: www.arb.ca.gov/rmp
R3: www.arb.ca.gov/rmp-r3
RMP email help line: rmp@arb.ca.gov
Commonly Used Terminology

- High-GWP refrigerant – those with a global warming potential greater than or equal to 150.

- Refrigeration systems
  - System size
    - Small – more than 50 lbs., but less than 200 lbs.
    - Medium – 200 lbs. or more, but less than 2,000 lbs.
    - Large – 2,000 lbs. or more
  - Facility size
    - Based on single largest refrigeration system on site
Commonly Used Terminology

- **ALD** – Automatic Leak Detection system

- **Facility type**
  - Refrigeration Facility – facility that uses refrigeration systems (most common facility type)
  - Refrigerant Distributor/Wholesaler – sells refrigerant
  - Refrigerant Reclaimer – receives and reprocesses or disposes of used refrigerant
Overview

Refrigerant Management Program (RMP)
RMP Program Overview

- Regulation implements California Global Warming Solutions Act (AB 32)
- In effect since January 1, 2011
- Complements existing federal and local rules
  - U.S.EPA Rule 608 currently being amended
  - South Coast AQMD rule 1415.1 (must register with RMP now)
- Focuses on leak inspection & repair
- Repairing leaks can save businesses money
RMP Program Overview

Applicability

• Facility with a refrigeration system
  • Stationary, non-residential
  • More than 50-lbs of a high-GWP refrigerant (GWP>150)
  • Excludes comfort cooling, ammonia systems

• Distributors, Wholesalers, Reclaimers

• Any person who installs, services, or repairs a high-GWP gas refrigeration or a/c system
RMP Overview

Key Requirements

• Facilities with refrigeration systems
  • Repair leaks within 14 days of detection
  • Keep records of service and refrigerant transactions
  • Follow required service practices
  • Conduct periodic leak inspections
  • File annual report and pay fee (medium and large facilities)

• Distributors, wholesaler, reclaimers
  • Keep records of refrigerant transactions
  • File annual report
**RMP Overview**

**Phase-In Schedule**

- **In effect for all Facilities**
  - Periodic leak inspections or ALD
  - Prompt leak repairs
  - On-site recordkeeping
  - Required service practices

- **Due Annually By March 1**
  - Large and Medium facilities (≥200 lbs.) report and pay fee
  - Distributors, wholesalers, reclaimers report

- **Due by March 1, 2016**
  - Small facilities (50 to 200 lbs.) register
Overview

Refrigerant Registration and Reporting System (R3)
http://www.arb.ca.gov/rmp-r3
R3 Overview

New Features

- Progress status bar

- Small facilities register
  - Facilities whose largest refrigeration system is more than 50 lbs. but less than 200 lbs.
R3 Overview
Registration Workflow
All Facility Sizes

Registration includes:
- Company,
- Facility,
- System,
- ALD (if applicable)
R3 Overview
Service Records Data Entry Workflow
Large and Medium facilities

• Enter Service Records
  • Leak inspections, leak repairs, other maintenance
  • ALD audits, calibrations, repairs, etc.

• Batch upload data from refrigerant management software

• Enter at any time
R3 Overview
Annual Reporting Workflow
Large and Medium facilities
Distributors/Wholesalers
Reclaimers

After January 1, but
No later than March 1
R3 Overview
Annual Fee Payment Workflow
Large and Medium facilities

Company with Refrigeration Systems
Annual Payment Steps

1. Select Facility
2. Check that Annual Report Is Filed
3. Create & Print Invoice
4. Pay with Check
5. Pay Online using CreditCard
R3 Overview
User Reports

• Reports can be printed from the R3
  • Facility and system leak rates
  • Refrigerant losses
  • Facility and system leak repair history
  • Inspections by enforcement agencies
R3 Overview
Common Mistakes and Solutions

• **Incomplete registration**
  • Enter all facility information
  • All refrigeration system information
  • All ALD system information

• **Service records not entered**
  • Required leak inspections
    • Annual for Small systems - same time each year
    • Quarterly for Medium systems - every 90 days (+/- 20 days)
    • When additional refrigerant added

• Leak repairs
• ALD servicing
• Other maintenance affecting refrigerant
R3 Overview
Common Mistakes and Solutions

• Incorrect refrigerant usage on the Annual Report
  • Report the annual summary of refrigerant purchased, used, disposed of

• Invoice not created and/or sent with payment
  • Print and send a copy of the invoice along with the check to ARB at the address on the invoice
Demonstration

Refrigerant Registration and Reporting System (R3)

- Company and Facility Registration
- Service Records Data Entry
- Annual Report Submittal and Fee Payment
Welcome to Refrigerant Registration and Reporting System (R3)

Welcome to the Refrigerant Registration and Reporting System (R3). The R3 is a web-based tool for implementing the registration, reporting, and fee payment provisions of ARB’s Refrigerant Management Program (RMP). In addition, the R3 offers the public a means to view select preformatted reports of refrigerant emissions. The R3 can be conveniently accessed on any computer with an internet connection.

The RMP is California’s regulation for stationary, non-residential refrigeration systems using more than 50 pounds of a high global warming potential (high-GWP) refrigerant. The RMP seeks to reduce emissions of high-GWP refrigerants from leaking refrigeration equipment and the installation and servicing of refrigeration and air-conditioning appliances.

At the top of this page are links to the general ARB home web page and the home page of the RMP. Below that, on the red tab bar, are links to preformatted reports and forms, important contacts for the RMP, and answers to frequently asked questions.

RMP R3 Registration Check List (information you will need before registering)
RMP R3 Registration Worksheet

Important Information

General Public Users: Information for the general public does not require a login or account. For reports available to the public select the Reports and Forms tab on the red bar above. For contacts about the program select the Contact tab on the red bar or one of the links below. Select the FAQ tab on the red bar for general information.

First Time Company Users: In order to use R3 you must first set up a user account. If no one in your company has established an Administrator type user account and begun the company registration process select the “Sign Up for New Registration” in the right column. If someone in your company has registered and has established an Administrator account, contact that person to create your account.

First Time ARB and AIR District Users: ARB and Air District users should contact their program administrator to set up an account login.

The 2016 registration and annual reporting period will open January 1, 2016. Deadline for submitting Annual Reports and making the fee payment is March 1, 2016.

Small facilities must complete their registration by March 1, 2016.

An online webinar to review the use of R3 will be presented December 3, 2015 from 9:00 to 10:00 am Pacific time. Webinar slides will be available in advance at www.arb.ca.gov. To register for this webinar: https://attendee.gotowebinar.com/register/ab515241452961553067

Contact Information

For general R3 questions, send an email to refrackinfo@arb.ca.gov, Phone Number: 916-324-2517

Program Website: http://www.arb.ca.gov/stoprefrigerantleaks
See the Regulation Document
Check List

R3 Step-by-Step

Please use this two-page flow-chart to fully complete the R3 registration and reporting requirements for your facility. Use the checkboxes to mark off each completed section.

1. New R3 Registration
   Creating Company and User Profile
   - Type of Ownership - select 'Facility with Refrigeration System'
   - Input EIN number

2. User Registration
   - Input New User Information
   - Create Username, Password (min. 8 characters must contain 1 uppercase and 1 lowercase letter and a number)
   - Create security questions and answers

3. Company Registration
   - Company Profile: Input company contact person, mailing address
   - Click Submit; your company is now registered in R3
   - You are not finished, please follow the next steps to complete R3 registration.

4. Facility Registration
   - On the Dashboard webpage, in bottom left corner select 'Click Here'
   - New Facility Details - Input facility contact person, mailing address, billing address (if different)
   - Business Codes - search and select the matching NAICS and SIC Codes
   - Click Save & Submit

5. Register Refrigeration Systems
   - Select 'Refrigeration System' tab, Click "Add New"
   - Name the ‘System ID’ so it’s easy to identify e.g. Chiller 1
   - Floor plan could be a scanned drawing
   - For help please click on the ‘blue question marks’
   - If system has an Automatic Leak Detector system (sensors) select ‘ALD on System’
Air Resources Board
Refrigeration System Information

Collect this data for each refrigeration system (of any size), to enter into R3 online reporting tool. Refrigerant amounts are provided in pounds (lbs).

<table>
<thead>
<tr>
<th>Facility Name</th>
<th>Refrigerant Type (e.g. R-22, R-404a)</th>
<th>Model Year</th>
<th>Installation Date (best estimation)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Manufacturer Name</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Model Number</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Serial Number</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Location in Facility</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Floor Plan</td>
<td></td>
<td>Obtain a PDF or image to upload (not mandatory)</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Normal Operating Charge (pounds)</th>
<th>Temperature Class</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>□ High □ Medium □ Low</td>
</tr>
<tr>
<td>Low is freezing, Medium is cold (between freezing and about 50 F). High is above 50 F.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>How was the Charge Determined?</th>
<th>Name plate</th>
<th>Calculated from design documents</th>
</tr>
</thead>
<tbody>
<tr>
<td>Charge calculator program</td>
<td></td>
<td>Equipment manual</td>
</tr>
<tr>
<td>Midpoint of range</td>
<td></td>
<td>Recover full charge &amp; weigh back in system</td>
</tr>
<tr>
<td>Sum of refrigerant charged into system</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Service Records</th>
<th>Quarterly leak inspections for each system 200 pounds or more</th>
<th>All leak repairs</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Adding and removing refrigerant</td>
<td>Leak detection method (e.g. handheld, bubble, oil)</td>
</tr>
<tr>
<td></td>
<td>Any other maintenance or repairs affecting refrigerant in the circuit</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Service technician name and US EPA certification</td>
<td></td>
</tr>
</tbody>
</table>

Copy sheet as needed.
# R3 Reporting Aid - Leak Inspection and Repair

**Input Information at** [www.arb.ca.gov/rmp-r3](http://www.arb.ca.gov/rmp-r3)

*This worksheet is for company use only. DO NOT RETURN TO ARB.*

<table>
<thead>
<tr>
<th>Company Name:</th>
<th>Technician Name:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Facility Name:</td>
<td>Technician Certificate Type:</td>
</tr>
<tr>
<td></td>
<td>Technician Certificate Number:</td>
</tr>
</tbody>
</table>

**System ID (as reported in R3):**

<table>
<thead>
<tr>
<th>Date of Service</th>
<th>Type of Service</th>
<th>Leak Detected</th>
<th>Leak Detection Method</th>
<th>Amount Refrigerant Added (lbs)</th>
<th>Amount Refrigerant Removed (lbs)</th>
<th>Purpose of Added or Removed Charge</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Leak Inspection</td>
<td></td>
<td>Bubble test</td>
<td></td>
<td></td>
<td>Initial Charge, Leak repair</td>
</tr>
<tr>
<td></td>
<td>Leak Repair</td>
<td>No</td>
<td>Leak detection device</td>
<td></td>
<td></td>
<td>Topping Off, Other</td>
</tr>
<tr>
<td></td>
<td>Routine Service</td>
<td>Yes</td>
<td>Electronic/Ultrasonic</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Other</td>
<td></td>
<td>Other</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*If a leak was detected, fill out the information below.*

<table>
<thead>
<tr>
<th>Date Leak Detected</th>
<th>Date Leak Repaired</th>
<th>Initial Verification Test Date</th>
<th>Follow-up Verification Test Date</th>
<th>Cause of leak:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Description of leak repair:

- 
- 
- 
- 
- 
- 
- 
- 
- 
- 
- 

Leak inspections must be conducted at least once every 90 days per Rule 95385(b) for any refrigeration system with an operating charge of 200 or more pounds but less than 2000 pounds, and at least annually for any system with an operation charge between 50 and 200 pounds per Rule 95385(c), unless the system is monitored by an Automatic Leak Detection device (ALD). Additional requirements apply to all high-GWP HVAC/R systems including leak repair within 14 days. Complete RMP Rule is available at [http://arb.ca.gov/rmp](http://arb.ca.gov/rmp)
New Registrations

New Registration- Registrant Identification

Type Of Ownership *
Choose your ownership type:
- Company with refrigeration facility
- Refrigerant Distributor/Wholesaler
- Refrigerant Reclaimer

EIN Number *
(Format for Federal Tax ID (FEIN or EIN) is: 123456789)
(Do NOT use a social security number. Contact ARB if you do not have a tax number.)
Company Registration Information

New Registration- Registrant Identification

If your refrigeration systems all use only ammonia or CO2 the Refrigerant Management Program regulation does not apply to you. You do not need to establish a user account or register any refrigeration systems in the R3 tool.

Type Of Ownership: * Company with refrigeration facility

EIN Number: * 895641237

"Format for Federal Tax ID (FEIN or EIN) is: 123456789" (Do NOT use a social security number. Contact ARB if you do not have a tax number.)

More than one facility will register for same EIN?

In the R3 system the order of creating a registration is to create an overall company record with a company R3 administrator. Facilities with one or more refrigeration systems are registered under the overall company. At the current step of the registration process the R3 is asking if the company will have one facility or more than one facility under its overall company name. Select yes if there will be more than one facility under this company name.

Are you authorized to register as company?

If you are the appropriate person within your company to create the overall company record and be the R3 administrator select yes. If someone else is the appropriate person if the overall company record has already been created by someone else, select no.
## Company Registration Information

### User Information

![Registration Form](attachment:registration_form.png)

**User Profile**

- **Salutation**: Mr
- **First Name**: *
- **Last Name**: *
- **Email**: *
- **Verify Email**: *
- **Telephone**: *
- **Username**: *(Minimum 6 characters)*
- **Password**: *
- **Confirm Password**: *
- **Hint Question 1**: *What is your mother's maiden name*
- **Hint Answer 1**: *
- **Hint Question 2**: *In what city was your father born?
- **Hint Answer 2**: *
Company Registration Information
Company Profile

Company Profile

Company Name: * 

EIN: * 237

Contact Person Information

Salutation: Mr 
Position: 
Phone: *
Email: *

Last Name: *

Mailing Address Information

Street Address 1: *
Street Address 2: 
City: * 
State: * Please Select... 
Zip: *

Billing Address Information

Billing address is same as mailing address.
Street Address 1: *
Street Address 2: 
City: * 
State: * Please Select... 
Zip: *

Payment Responsibility (if applicable)

Who is responsible for making payments?  Company  Facility

<< Back  Next >>  Cancel
Company Registration Information
Terms and Conditions

Payment Responsibility (if applicable)

Who is responsible for making payments?  COMPANY  FACILITY

Terms and Conditions

Thank you for using ARB's Refrigerant Management Program (RMP) Refrigerant Registration and Reporting (R3) system. By using the R3 system, you agree to be bound by the following terms and conditions. By initiating your company's account for the R3 system, you certify that you are authorized to agree to the following terms and conditions on your company's behalf and do in fact agree to these terms and conditions. As your company's Administrator, you will be able to assign additional users (Delegates) to view or edit your company's account information. As the Administrator of your company's profile, you agree that these terms and conditions are also binding on your Delegates.

NON-COMMERCIAL USE

I accept Terms and Conditions

<< Back  Submit  Cancel
Welcome "Ken Bowers" to Refrigerant Management Program

Welcome to the Refrigerant Registration and Reporting System (R3). You are logged in as a Company Admin type user. The quick links on the left side of this page show activities available for users of your role type. Select an activity from the quick links or from the menus on the red tab bar above.

Quick Links
- Manage Users
- Manage Facility
- File Annual Report
- Make Payments
- Reports

No facility is registered yet, please click here to register a facility
### Facility Registration

**Location Address Information**

- **Facility Location address is same as facility mailing address.**
  - Street Address 1: 1001 St
  - City: Sacramento
  - State: CA
  - Zip: 95812

**Who is responsible for payment?**
- Company

**Billing Information**

- **Facility Billing address is same as facility mailing address.**
  - Street Address 1: 1001 St
  - City: Sacramento
  - State: CA
  - Zip: 95812

**Billing Contact Person Information**

- **Billing contact person is same as facility contact person.**
  - Salutation: Dr
  - First Name: Ken
  - Last Name: Bowers
  - Position: CEO
  - Phone: 9163231510
  - Email: kent.bowers@arb.ca.gov

**Business Codes (Please click Browse button to select your company NAICS and SIC codes)**

- **NAICS Code:** 445110
  - **SIC Code:** 541101
NAICS and SIC Code Lookup

Matched code

1 Record(s) Found

Search: Supermarket

<table>
<thead>
<tr>
<th>Sr.No.</th>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>445110</td>
<td>Supermarkets and Other Grocery (except Convenience) Stores</td>
</tr>
</tbody>
</table>

Previous | Next »
Facility Registration

Billing Information

- Facility Billing address is same as facility mailing address.
  - Street Address 1: 1001 I St
  - Street Address 2:
  - City: Sacramento
  - State: CA
  - Zip: 95814

Billing Contact Person Information

- Billing contact person is same as facility contact person.
  - Salutation: Dr
  - Position: CEO
  - First Name: Ken
  - Last Name: Bowers
  - Phone: 9163231510
  - Email: ken.bowers@arb.ca.gov

Business Codes (Please click Browse button to select your company NAICS and SIC codes)

- NAICS Code: 445110
- SIC Code: 541101

[Buttons: Save & Submit, Cancel]
Facility List Page

<table>
<thead>
<tr>
<th>Facility Name</th>
<th>Company Name</th>
<th>Address</th>
<th>City</th>
<th>Refrigeration Sys</th>
<th>ALD</th>
<th>Status</th>
<th>Print</th>
</tr>
</thead>
<tbody>
<tr>
<td>Webinar 2015 Test Facility</td>
<td>KB Reg Test Company</td>
<td>1001 I St,</td>
<td>Sacramento</td>
<td>0 (Add)</td>
<td>0</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Refrigeration Systems
Manage Facility

Quick Links
- Manage Users
- Manage Facility
- File Annual Report
- Make Payments
- Reports

Welcome "Ken Bowers" to Refrigerant Management Program

Welcome to the Refrigerant Registration and Reporting System (RR). You are logged in as a Company Admin type user. The quick links on the left side of this page show activities available for users of your role type. Select an activity from the quick links or from the menus on the red tab bar above.

Progress Status Bar

1. Facility Information
2. Refrigeration System
3. ALD System
4. Leak insp. & Service
5. File Annual Report
6. Annual Fee Payment

Edit Facility Details

Company Name: * KB Reg Test Company
Facility Name: * Webinar 2015 Test Facility
Air District: SACRAMENTO METROPOLITAN AQMD
Type of ownership: Company with refrigeration facility

Edit information button
Add a Refrigeration System

Add New Refrigeration System

- Refrigeration System ID: KB Webinar 2015 Facility System 1
- Installation Date: 10/08/2008
- Model Year: 2007
- Manufacturer: Frick
- Model or Description: Flash cooler model 10445
- Equipment Type: Freezer
- Serial Number: 32605fcm10445
- Location - Description: North east corner of building

Attach floor plan: Browse...

Supported files to upload: jpg, jpeg, png, gif, pdf, doc, xls, docx, xlsx, txt, tif

- Temperature Class: Low
- Operational Status: Normal Operation
- Refrigerant Full Charge Amount: 3600 pounds
- Refrigerant Type: R-407F
- Measured By Which Charge: Name plate
- Amount Determined: Direct ALD used

Save & Submit  Save & Add more  Next  Cancel
ALD
Systems
## Add an ALD System

Add New Leak Detection Equipment (If Applicable)

<table>
<thead>
<tr>
<th>ALD System ID</th>
<th>System 1 ALD</th>
</tr>
</thead>
<tbody>
<tr>
<td>Installation Date</td>
<td>11/16/2011</td>
</tr>
<tr>
<td>System Type</td>
<td>Concentration Monitor (Direct System)</td>
</tr>
<tr>
<td>Detection Limit</td>
<td>10 (ppm)</td>
</tr>
<tr>
<td>Alarm Set Point</td>
<td>100 (ppm)</td>
</tr>
<tr>
<td>Concentration Monitor Type</td>
<td>Distributed inlets or sensors with comp</td>
</tr>
<tr>
<td>Concentration Monitor Manufacturer</td>
<td>Emerson</td>
</tr>
<tr>
<td>Number of Sensors</td>
<td>5</td>
</tr>
<tr>
<td>Sensor Type</td>
<td>NDIR</td>
</tr>
<tr>
<td>Sensor Manufacturer</td>
<td>Emerson</td>
</tr>
<tr>
<td>Location of Sensors/Inlets</td>
<td>Near compressor, evaporators, and receiver</td>
</tr>
</tbody>
</table>

Refrigeration System: KB Webinar 2015 Facility System 1

[Image of a form for adding an ALD system with fields for system ID, installation date, system type, detection limit, alarm set point, and other equipment details]
Leak Inspection and Service Records
Entering Service Records

### Refrigeration System Servicing

<table>
<thead>
<tr>
<th>Service Date</th>
<th>Refrigeration ID</th>
<th>Refrigeration Type</th>
<th>Refrigerant Amt</th>
<th>Service Type</th>
<th>Leaks</th>
<th>Delete</th>
</tr>
</thead>
<tbody>
<tr>
<td>06/14/2015</td>
<td>KB Webinar 2015</td>
<td>R-407F</td>
<td>$250.00</td>
<td>Leak repair</td>
<td>Yes</td>
<td></td>
</tr>
</tbody>
</table>

### Leak Detection System Servicing

<table>
<thead>
<tr>
<th>Service Date</th>
<th>ALD system ID</th>
<th>Service Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>03/05/2015</td>
<td>System 1 ALD</td>
<td>Audit</td>
</tr>
</tbody>
</table>
Leak Inspections and Service

Refrigeration System Servicing

<table>
<thead>
<tr>
<th>Service Date</th>
<th>Refrigeration ID</th>
<th>Refrigeration Type</th>
<th>Refrigerant Amt</th>
<th>Service Type</th>
<th>Leaks</th>
<th>Print</th>
</tr>
</thead>
<tbody>
<tr>
<td>05/14/2015</td>
<td>KB Webinar 2015 Faci...</td>
<td>R-407F -</td>
<td>+250.00</td>
<td>Leak repair</td>
<td>Yes</td>
<td></td>
</tr>
</tbody>
</table>
Leak Inspections and Service
Leak Repair Service Records

Leak Repair

Cause of refrigerant leak: * Evaporator - Coil
Date leak detected: * 09/08/2015
Date leak repaired: * 09/09/2015
Days to repair: * 1 Days
Initial verification test date: * 09/09/2015
Follow-up verification test date: * 09/09/2015
Description of leak repair: * braze leaking coil
Leak Inspections and Service

Date of Service: 09/09/2015
Type of service: Leak repair

Leaks detected: YES

New Refrigerant Added amount: 500 pounds
Refrigerant Removed But Not Returned to System amount: 400 pounds
Net refrigerant amount: 100.00 pounds

Refrigerant type: R-407F
Leak detection method: Calibrated leak detection device
Purpose of added or removed charge: Leak Repair
Extra time for retrofit/retirement plan needed: Days

Leak Repair

Cause of refrigerant leak: Evaporator - Coil
Date leak detected: 09/08/2015
Leak Inspections and Service

Service Record has been added successfully.

Refrigerant System: Please Select...
Service Type: Please Select...

From:             To:             Search

Refrigeration System Servicing

<table>
<thead>
<tr>
<th>Service Date</th>
<th>Refrigeration ID</th>
<th>Refrigeration Type</th>
<th>Refrigerant Amt</th>
<th>Service Type</th>
<th>Leaks</th>
<th>Print</th>
</tr>
</thead>
<tbody>
<tr>
<td>08/13/2015</td>
<td>KB Webinar 2015</td>
<td>R-407F</td>
<td>+250.00</td>
<td>Monthly leak inspection</td>
<td>Yes</td>
<td></td>
</tr>
<tr>
<td>05/14/2015</td>
<td>KB Webinar 2015</td>
<td>R-407F</td>
<td>+250.00</td>
<td>Leak repair</td>
<td>Yes</td>
<td></td>
</tr>
</tbody>
</table>

Leak Detection System Servicing

Add New  Delete
### ALD Service Records

<table>
<thead>
<tr>
<th>Service Date</th>
<th>ALD system ID</th>
<th>Service Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>03/05/2015</td>
<td>System 1 ALD</td>
<td>Audit</td>
</tr>
</tbody>
</table>
ALD Service Records

Choose System type for Servicing

Facility Name: *
System Type: * ALD System
ALD System: * Please Select...
Date of Service: *
Type of service: * Select service Type...
Detection limit indicated after service:
Alarm set point after service:
Description of service:

Save & Submit  Save and Move to Annual Report  Cancel
Annual Reports
Verification

Refrigerant purchase and use
### File Reports

**Year Of Filing:** 2012

### Company Profile

**Company Name:** Webinar 2013  
**Federal Tax ID:** *****219  
**Contact Person Information:**  
- **Salutation:** Dr  
- **First Name:** Ken  
- **Last Name:** Bowers  
- **Position:** CEO  
- **Phone:** 9163231519  
- **Email:** kbowers@arb.ca.gov  
**Address Information:**  
- **Mailing Address:** 10011 St,  
  **Mailing City:** Sacramento,  
  **Mailing State:** CA,  
  **Mailing Zip:** 95814
- **Billing Address:** 10011 St,  
  **Billing City:** Sacramento,  
  **Billing State:** CA,  
  **Billing Zip:** 50914

### Facility Profile

- **Refrigeration System Listing**  
- **Leak detection System**  
- **Refrigeration System Servicing**

### Refrigerant Purchase Information

<table>
<thead>
<tr>
<th>Type</th>
<th>Total Purchased (lbs.)</th>
<th>Total Charged (lbs.)</th>
<th>Total Recovered (lbs.)</th>
<th>Total Stored (lbs.)</th>
<th>Total Shipped (lbs.) for Reclamation or Destruction</th>
</tr>
</thead>
<tbody>
<tr>
<td>R-134a</td>
<td>300.00</td>
<td>170.00</td>
<td>80.00</td>
<td>230.00</td>
<td>80.00</td>
</tr>
</tbody>
</table>

### Confidentiality Statement

**Important Notice: Public Disclosure of Submitted Information**

All information provided to ARB will be part of a public record and subject to public disclosure unless the person submitting the information asserts a claim of confidentiality by selecting "Yes" below and providing the necessary descriptions of the data and basis for its confidentiality. By selecting "Yes," you are asserting that your submission contains information that is trade secret or that it otherwise contains information that is not public information under California law. Selecting "Yes" does not prevent ARB from releasing some of the information that you are submitting without further notice to you, even with your claim of confidentiality. ARB will release emissions data (which are public under California law) without further notice to you.

**Do you claim any of this information is confidential under California law?**  
[ ] Yes  
[ ] No

### Certification of the Submittal

**Important Notice: Certification of Submitted Information**

By submitting my electronic signature via the Air Resources Board’s Refrigerant Management Program reporting tool, I hereby certify that the report has been prepared in accordance with the sections 35300-35310, title 17, California Code of Regulations, and that the statements and information contained in the report are true, accurate, and complete. As a User, I agree that documents submitted with electronic signatures, either scanned or using digital ink, or any other electronic format approved by ARB, will be considered valid for certification. I am aware that there are significant penalties for submitting false statements and information or omitting required statements and information.
Annual Fee Payment

Click on the year for which you want to make a payment

<table>
<thead>
<tr>
<th>Year</th>
<th>Invoice No.</th>
<th>Annual Report</th>
<th>Responsibility</th>
<th>Payment Date</th>
<th>Status</th>
<th>Action</th>
</tr>
</thead>
<tbody>
<tr>
<td>2015</td>
<td>--</td>
<td>Yes</td>
<td>Company</td>
<td>--</td>
<td>Pending</td>
<td>Make Payment</td>
</tr>
<tr>
<td>2014</td>
<td>--</td>
<td>Yes</td>
<td>Company</td>
<td>--</td>
<td>Pending</td>
<td>Make Payment</td>
</tr>
<tr>
<td>2013</td>
<td>--</td>
<td>Yes</td>
<td>Company</td>
<td>--</td>
<td>Pending</td>
<td>Make Payment</td>
</tr>
</tbody>
</table>
“Facilities whose largest system is a Medium System (200 pounds or more, but less than 2,000 pounds of refrigerant charge) are not required to pay fees or file an Annual Report until 2014. Facilities whose largest system is a Small System (more than 50 pounds, but less than 200 pounds of refrigerant charge) are not required to pay fees or file an Annual Report. Facilities with Small Systems as their largest refrigeration system will be required to register by 2016.”

“Please make checks payable to: Air Resources Board. Mail payments, along with the payment stub from the invoice to: Air Resources Board, Attn: Accounting, P.O. Box 1436, 1001 I Street 20th Floor, Sacramento, CA 95812-1436”.

<table>
<thead>
<tr>
<th>Facility Listing</th>
<th>1 Record(s) Found</th>
</tr>
</thead>
<tbody>
<tr>
<td>Facility Name</td>
<td>City</td>
</tr>
<tr>
<td>KB 003-001 (Webinar 2015 Test Facilit...)</td>
<td>Sacramento</td>
</tr>
</tbody>
</table>
## Annual Fee Payment

### Generate Invoice Page

**Payment Details**

<table>
<thead>
<tr>
<th>#</th>
<th>Facility Name</th>
<th>Amount Due ($)</th>
<th>Previous Due ($)</th>
<th>Exemption</th>
<th>Fee Exemption ($)</th>
<th>Total ($)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>KB 003-001 (Webinar 2015 Test Facility)</td>
<td>370.00</td>
<td>0.00</td>
<td>Claim</td>
<td>0.00</td>
<td>370.00</td>
</tr>
</tbody>
</table>

**Total Payment Due: ($)** 370.00

*Note: Invoice once generated cannot be cancelled.*
## Annual Fee Payment

<table>
<thead>
<tr>
<th>#</th>
<th>Facility Name</th>
<th>Amount Due ($)</th>
<th>Previous Due ($)</th>
<th>Exemption</th>
<th>Fee Exemption ($)</th>
<th>Total ($)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>KB 003-001 (Webinar 2015 Test Facility)</td>
<td>370.00</td>
<td>0.00</td>
<td>No</td>
<td>0.00</td>
<td>370.00</td>
</tr>
</tbody>
</table>

**Total Payment Due:** $370.00
Payment Invoice

# Facility Name | Amount Due($) | Previous Due($) | Exemption | Total ($) |
--- | --- | --- | --- | --- |
1 | KB 003-001 (Webinar 2015 Test Facility) | 370.00 | 0.00 | 0 | 370.00 |

A) TOTAL CHARGES: 370.00
B) PREVIOUS BALANCE: 0.00
C) TOTAL DUE (A+B): $370.00

Please detach and return with your payment.
"Checks should be made payable to the California Air Resources Board. If required for your company records, the CARB Federal Tax ID is 68-0288069."

Payment Stub

Air Resources Board
Attn: Accounting
P.O. Box 1436
1001 I St., Floor 20
Sacramento, CA 95812-1436

Address to send payment
## Annual Fee Payment

### Checkout

<table>
<thead>
<tr>
<th>Invoice #</th>
<th>100039</th>
<th>Invoice Date</th>
<th>11/12/2015</th>
</tr>
</thead>
<tbody>
<tr>
<td>Company Name</td>
<td>KB Reg Test Company</td>
<td>Payment for Year</td>
<td>2015</td>
</tr>
<tr>
<td>Address</td>
<td>1001 I St Sacramento CA 95812</td>
<td>Payment Status</td>
<td>Pending</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>#</th>
<th>Facility Name</th>
<th>Amount Due($)</th>
<th>Previous Due($)</th>
<th>Exemption</th>
<th>Fee Exemption ($)</th>
<th>Total ($)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>KB 003-001 (Webinar 2015 Test Facility)</td>
<td>370.00</td>
<td>0.00</td>
<td>No</td>
<td>0.00</td>
<td>370.00</td>
</tr>
</tbody>
</table>

**Total Payment Due:** 370.00

[Buttons: Print Invoice, Pay Now, Cancel]
Online Credit Card Payment
Other Features
Sale or Closure of a Facility

- **User Management**: Add and manage users.
- **Company Management**: Manage company.
- **Facility**: Add and manage facility.
- **Batch upload (XML V.2)**: Import registration XML file.
- **Change Ownership/ Closure of Facility**: Manage ownership/ Closure of Facility data.
Closure or Transfer of Facility

[Image of a system window showing the process of changing ownership/closure of a facility. The window includes fields for buyer information such as name of buyer company, mailing address, contact person information, and date of transfer.]

- Want to transfer facility
- Want to Close facility

**Buyer Information**
- Name of Buyer Company: Kjp Co
- Street Address1: 256 Some Street
- Mailing City: Wherever
- Mailing State: CA
- Mailing Zip: 95612
- Salutation: Mr
- First Name: Kon
- Position: Funcy
- Phone: 916332255
- Email: kbowers@arb.co.gov

**Date of Transfer:** 11/18/2015
Shutdown of a Refrigeration System

<table>
<thead>
<tr>
<th>Refrigeration System ID:</th>
<th>Refrigeration System #1</th>
</tr>
</thead>
<tbody>
<tr>
<td>Installation Date:</td>
<td>08/13/1967</td>
</tr>
<tr>
<td>Model Year:</td>
<td>1952</td>
</tr>
<tr>
<td>Manufacturer:</td>
<td>Flakie</td>
</tr>
<tr>
<td>Model or Description:</td>
<td>ABC LLC</td>
</tr>
<tr>
<td>Equipment Type:</td>
<td>Refrigeration</td>
</tr>
<tr>
<td>Serial Number:</td>
<td>A-110011</td>
</tr>
<tr>
<td>Location - Description:</td>
<td>Outer Shell</td>
</tr>
<tr>
<td>Attach floor plan:</td>
<td><img src="Attachment" alt="Browse" /></td>
</tr>
<tr>
<td>Supported files to upload:</td>
<td>jpg, jpeg, png, gif, pdf, doc, xls, docx, xlsx, tiff, tif</td>
</tr>
<tr>
<td>TES011-009_Refrigeration_System_1_1396543500.jff</td>
<td></td>
</tr>
<tr>
<td>Temperature Class:</td>
<td>Medium</td>
</tr>
<tr>
<td>Operational Status:</td>
<td>Permanent Shutdown and Removal</td>
</tr>
<tr>
<td>Date of Shutdown:</td>
<td>08/04/2014</td>
</tr>
<tr>
<td>Refrigerant Full Charge Amount:</td>
<td>1000.00</td>
</tr>
<tr>
<td>Refrigerant Type:</td>
<td>R-11 - CFC-11</td>
</tr>
</tbody>
</table>
Change Refrigerant Type

Temperature Class: * Medium
Operational Status: * Normal Operation
Refrigerant Full Charge Amount: * 880.00 pounds
Refrigerant Type: * R-22 - HCFC-22

Change of Refrigerant type in middle of year. Service Personnel needs to enter Amount added and removed in service records.

Date of Refrigerant type change: *
New Refrigerant Type: * Please Select...
Means By Which Charge Amount Determined: * Sum of refrigerant charged into system

Change Refrigerant Type
Finished!
Reminders

• Facilities whose largest refrigeration system is a small system (50 to 200 pounds) register by March 1, 2016

• Medium and Large facilities submit Annual Report and pay annual fee by March 1, 2016
Resources

• Registration Video
  • https://youtu.be/n-SZ4IOcO10

• Website
  • R3 tool website:
    www.arb.ca.gov/rmp-r3
  • RMP Program website:
    www.arb.ca.gov/rmp

• Hotline
  (916) 324-2517

• Email
  rmp@arb.ca.gov

• Listserve
  Sign up on website
ARB Contacts

• Erin Szelagowski
  916.327.8543
  erin.szelagowski@arb.ca.gov

• Ken Bowers
  916.323.1510
  ken.bowers@arb.ca.gov
QUESTIONS?