



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

February 14, 2014

Agenda



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

RMP program web page: www.arb.ca.gov/stoprefrigerantleaks

RMP email help line: reftrackinfo@arb.ca.gov



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
- 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
 - Excludes comfort cooling
- 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 system
 - Conduct periodic leak inspections
 - Repair leaks within 14 days of detection
 - Keep records of service and refrigerant transactions
 - Follow required service practices
 - File annual report and pay fee (medium and large facilities)
- Distributors, wholesalers, reclaimers
 - Keep records of refrigerant transactions
 - File annual report

RMP Overview

Phase-In Schedule



**In effect for all
Facilities**

-Best management practices, leak inspections, leak repairs, recordkeeping

**Due Annually
By March 1**

-Large facilities ($\geq 2,000$ lbs.) register, report, and pay \$370 fee

-Distributors, wholesalers, reclaimers report

**By March 1
Beginning 2014**

-Medium facilities (200 to 2,000 lbs.) register, report, and pay \$170 fee

**Due by
March 1, 2016**

-Small facilities (50 to 200 lbs.) register



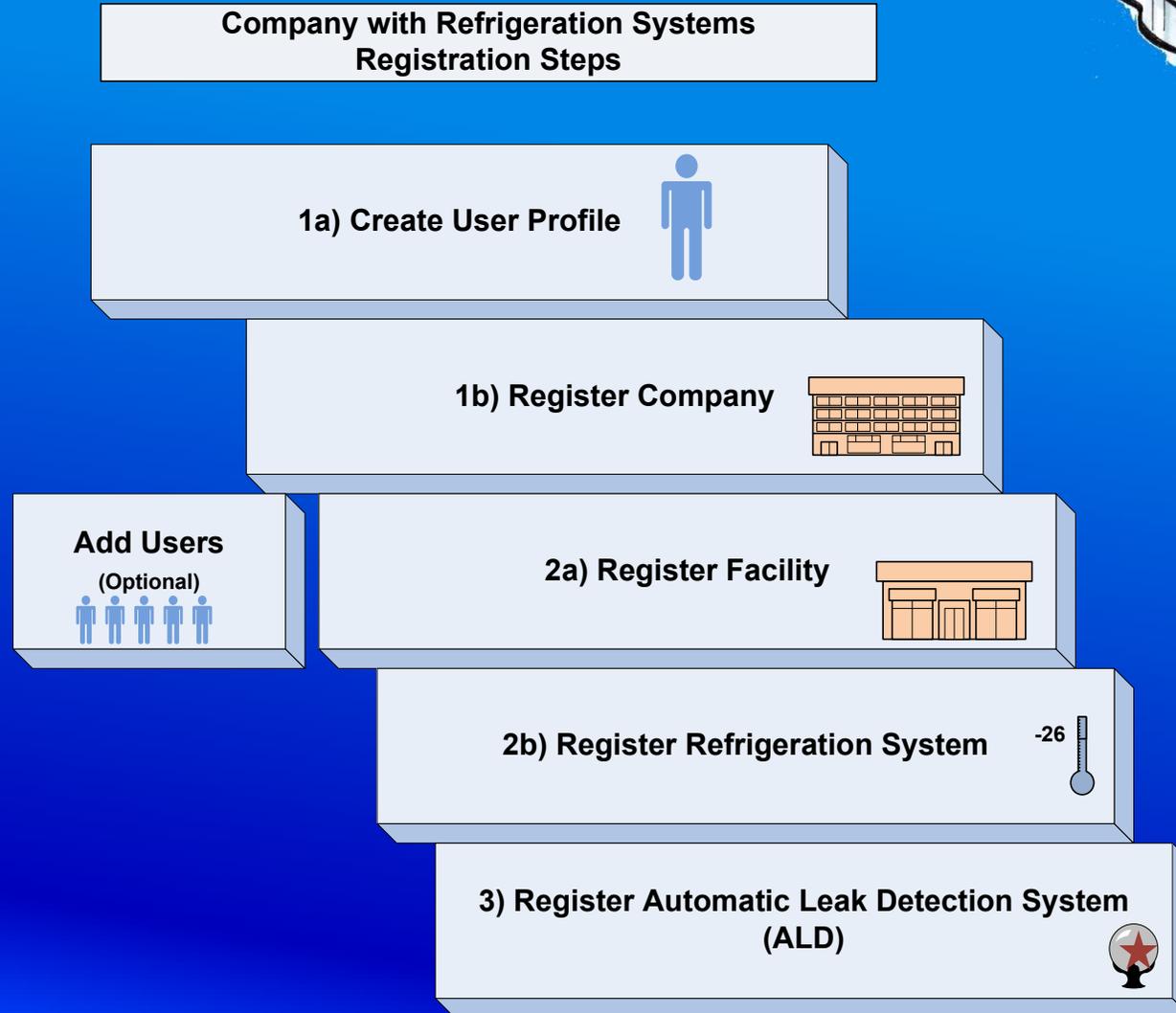
Overview

Refrigerant Registration and Reporting System (R3)

<http://www.arb.ca.gov/rmp-r3>

R3 Overview

Registration Workflow



R3 Overview

Service Records Data Entry Workflow



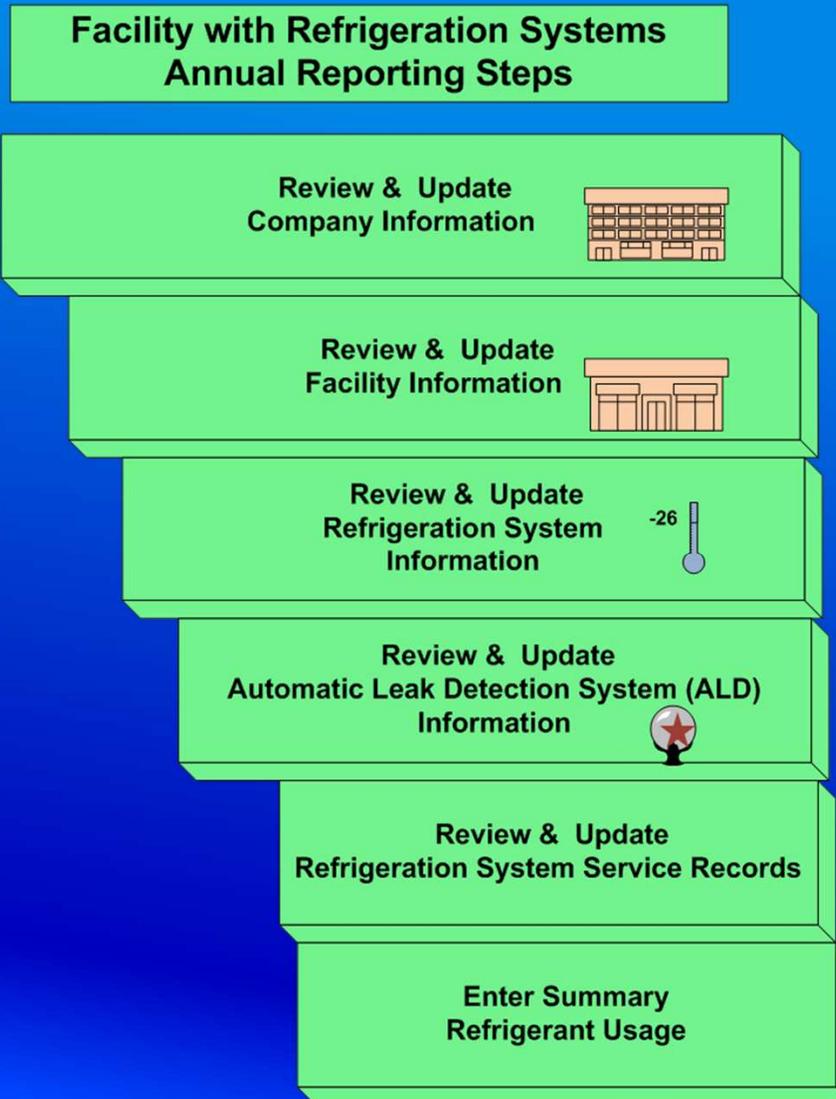
- Enter Service Records
 - Leak inspections, leak repairs, other maintenance
 - ALD audits, calibrations, repairs, etc.
 - Batch upload data from refrigerant management software
- Medium facilities need to begin entering registration and service records

R3 Overview

Annual Reporting Workflow



Distributors/Wholesalers/Reclaimers
skip all steps below
Review & Update Facility Information

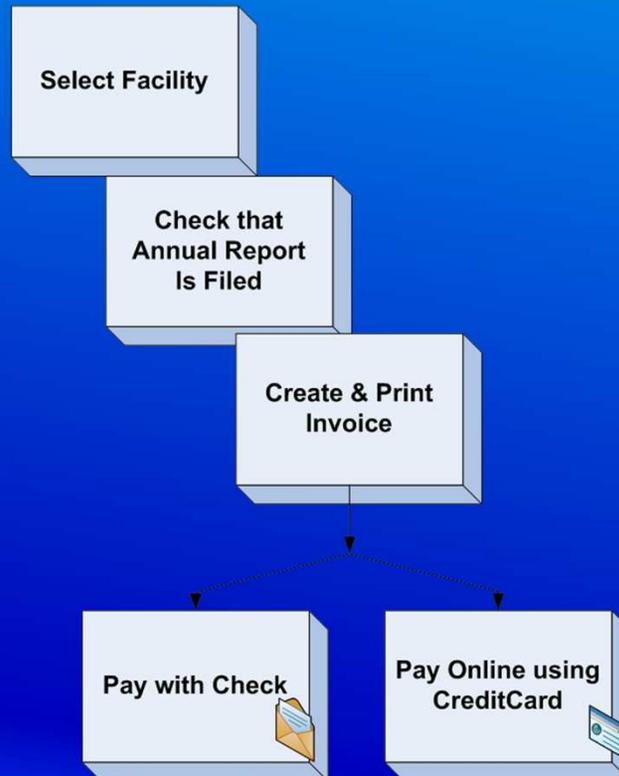


R3 Overview

Annual Fee Payment Workflow



Company with Refrigeration Systems Annual Payment Steps



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, all refrigeration systems, ALD information
- Service records not entered
 - Required leak inspections
 - 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 and used
- 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

Login Page

- www.arb.ca.gov/rmp-r3



The screenshot displays the ARB RMP Home Page. At the top, the navigation menu includes: R3 Home, Reports & Forms, Contact, FAQ, Survey, Test Your XML, and Help. The main content area is titled "Welcome to Refrigerant Registration and Reporting System (R3)" and contains introductory text about the system. To the right is a "LOGIN" form with fields for USERNAME and PASSWORD (noted as case-sensitive), a Login button, and links for "Can't Access my Account?" and "Sign Up for New Registration". Below the main text are sections for "Important Information" and "Contact Information". The footer contains links for "Back to Top", "All ARB Contacts", and "A-Z Index".

California Environmental Protection Agency
Air Resources Board
ARB RMP Home Page

R3 Home | Reports & Forms | Contact | FAQ | Survey | Test Your XML | Help

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.

LOGIN

USERNAME :

PASSWORD :
(case-sensitive)

Login

[Can't Access my Account?](#)

Companies with facilities with refrigeration systems, distributors, wholesalers, and reclaimers must first setup a user account and company profile in order to use R3.

[Sign Up for New Registration](#)

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 setup 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 setup an account login.

Contact Information

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

Program Web page: <http://www.arb.ca.gov/stoprefrigerantleaks>
See the [Regulation Document](#)

[Back to Top](#) | [All ARB Contacts](#) | [A-Z Index](#)

New Registrations



California Environmental Protection Agency
Air Resources Board

ARB RMP Home Page

CA.GOV R3 Home Reports & Forms Contact FAQ Survey Test Your XML Help

New Registration- Registrant Identification

Help for this Page

Registant Identification Company Registration Registration Confirmation Registration Complete

Type Of Ownership : * -- Choose your ownership type -- ?

EIN Number : * ? Next >>

"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



California Environmental Protection Agency
Air Resources Board

ARB RMP Home Page

R3 Home Reports & Forms Contact FAQ Survey Test Your XML Help

New Registration- Registrant Identification

Registant Identification Company Registration Registration Confirmation Registration Complete

Help for this Page

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 : * 235622185 ? Next >>

"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? Yes No

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? Yes No

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.

Continue... Cancel

Company Registration Information

User Information



California Environmental Protection Agency
Air Resources Board

ARB RMP Home Page

[R3 Home](#) [Reports & Forms](#) [Contact](#) [FAQ](#) [Survey](#) [Test Your XML](#) [Help](#)

[Home](#) >> Registration

New Registration- Company Registration

[Help for this Page](#)

Registrant Identification **Company Registration** Registration Confirmation Registration Complete

Fields marked with * are mandatory to fill.

User Profile

Salutation : *	<input type="text" value="Mr"/>	First Name : *	<input type="text"/>	Last Name : *	<input type="text"/>
Email : *	<input type="text"/>				
Verify Email : *	<input type="text"/>				
		Telephone : *	<input type="text"/> - <input type="text"/>		
		<small>(Format XXXXXXXXXXXXX)</small>			
Username : *	<input type="text"/>	Password : *	<input type="text"/>	Confirm Password : *	<input type="text"/>
<small>(Minimum 6 characters)</small>					
Hint Question 1 : *	<input type="text" value="What is your mothers maiden name"/>	Hint Question 2 : *	<input type="text" value="In what city was your father born?"/>		
Hint Answer 1 : *	<input type="text"/>	Hint Answer 2 : *	<input type="text"/>		

Company Profile

Company Registration Information

Company Profile



Company Profile

Company Name : * EIN : *

Contact Person Information

Salutation : First Name : * Last Name : *
Position : Phone : * -
(Format XXXXXXXXXXXXX)
Email : *

Mailing Address Information

Street Address 1 : *
Street Address 2 :
City : * State : * Zip : *

Billing Address Information ?

Billing address is same as mailing address.

Street Address 1 : *
Street Address 2 :
City : * State : * Zip : *

Payment Responsibility (if applicable) ?

Who is responsible for making payments? Company Facility

Company Registration Information

Terms and Conditions



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

Dashboard



Logged in as: **Ken Bowers**
{Company Admin}
{Webinar 2013}

Welcome "Ken Bowers" to Refrigerant Management Program

Quick Links

- [Manage Users](#)
- [Manage Facility](#)
- [File Annual Report](#)
- [Make Payments](#)
- [Reports](#)

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.

#	Facility	Refrigeration Systems	ALD	Service Record	Annual Report	Payment	Inspection
---	----------	-----------------------	-----	----------------	---------------	---------	------------

No facility is registered yet, please [click here](#) to register a facility

Links (Red Bar)



- R3 Home
 - User Dashboard
 - FAQ
 - Survey
 - Reports and Forms
 - Help
 - Contact
 - RMP Regulation
- Registration
 - User Management
 - Company Management
 - Facility
 - Batch Upload
 - Change Ownership

Links (Red Bar)



- Annual Reporting
 - Servicing
 - Batch Upload (XML)
 - File Report
- Payments
 - Make Payment
- Reports
- Inspections
 - Inspection for Facility with Refrigeration Systems

Dashboard



Logged in as: **Ken Bowers**
{Company Admin}
{Webinar 2013}

Welcome "Ken Bowers" to Refrigerant Management Program

Quick Links

- [Manage Users](#)
- [Manage Facility](#)
- [File Annual Report](#)
- [Make Payments](#)
- [Reports](#)

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.

#	Facility	Refrigeration Systems	ALD	Service Record	Annual Report	Payment	Inspection
---	----------	-----------------------	-----	----------------	---------------	---------	------------

No facility is registered yet, please [click here](#) to register a facility

Facility Registration



CA .GOV California Environmental Protection Agency Air Resources Board ARB RMP Home Page Edit Profile | Logout

R3 Home Registration Annual Reporting Payments Reports Inspection

Home > Facility > Add Logged in as: Ken Bowers (Company Admin) (Webinar 2013)

Help for this Page

New Facility Details

Company Name : * Webinar 2013

Facility Name : * Webinar 2013 Facility 1

Start Date of Operation : 09/11/2008

Facility Contact Person Information

Facility contact person is same as company contact person.

Salutation : * Dr First Name : * Ken Last Name : * Bowers

Position : CEO Phone : * 9163231510 - (Format XXXXXXXXXXXX)

Email : * kbowers@arb.ca.gov

Mailing Address Information

Facility mailing address is same as company mailing address.

Street Address 1 : * 1001 I St

Street Address 2 :

City : * Sacramento State : * CA Zip : * 95814

Location Address Information

Facility Registration



Location Address Information

Facility Location address is same as facility mailing address.

Street Address 1 : * 1001 I St

Street Address 2 :

City : * Sacramento

State : * CA

Zip : * 95814

Who is responsible for payment? Company Facility

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

First Name : * Ken

Last Name : * Bowers

Position : CEO

Phone : * 9163231510

(Format XXXXXXXXXXX)

Email : * kbowers@arb.ca.gov

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

NAICS Code : *

Browse



SIC Code : *

Browse



Save & Submit

Cancel

NAICS and SIC Code Lookup



Responsible for payment? Company Facility

Matched code 1181 Record(s) Found

Search:

Sr.No.	#	Code	Description
1	<input type="radio"/>	327910	Abrasive Product Manufacturing
2	<input type="radio"/>	325520	Adhesive Manufacturing
3	<input type="radio"/>	924110	Administration of Air and Water Resource and Solid Waste Management Programs
4	<input type="radio"/>	924120	Administration of Conservation Programs
5	<input type="radio"/>	923110	Administration of Education Programs
6	<input type="radio"/>	926110	Administration of General Economic Programs
7	<input type="radio"/>	925110	Administration of Housing Programs
8	<input type="radio"/>	923130	Administration of Human Resource Programs (except Education Public Health and Veterans' Affairs Programs)

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

Code : * ? SIC Code : * ?

Facility Registration



Billing Information

Facility Billing address is same as facility mailing address.

Street Address 1 : * 1001 | 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

First Name : * Ken

Last Name : * Bowers

Position : CEO

Phone : * 9163231510 -

(Format XXXXXXXXXXXX)

Email : * kbowers@arb.ca.gov

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

NAICS Code : * Browse ?

SIC Code : * Browse ?

Save & Submit

Cancel

Facility List Page



[Home](#) > Facilities

Logged in as: **Ken Bowers**
{Company Admin}
{Webinar 2013}

[Help for this Page](#)

Search by Facility Name:

[Advanced Search](#)

[Reset Search](#)

Facility has been added successfully with facility identification number WEB002-001.

Facility Listing

1 Record(s) Found

<input type="checkbox"/>	Facility Name	Address	City	Refrigeration Sys	ALD	Status
<input type="checkbox"/>	Webinar 2013 Facility 1	1001 I St,	Sacramento	0 (Add)	0 (Add)	

« Previous

Next »

[Add New](#)

[Delete](#)

Manage Facility



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ARB RMP Home Page

[Edit Profile](#) | [Logout](#)

[R3 Home](#) | [Registration](#) | [Annual Reporting](#) | [Payments](#) | [Reports](#) | [Inspection](#)

[Home](#) > [Facility](#) > Webinar 2013 Facility 1

Logged in as: **Ken Bowers**
{Company Admin}
{Webinar 2013}

Navigation tabs

[Facility Information](#) | [Refrigeration System](#) | [ALD System](#) | [Leak insp. & Service](#) | [File Annual Report](#) | [Annual Fee Payment](#)

Edit Facility Details

[Edit Info](#)

Company Name : * Webinar 2013

Facility Name : * Webinar 2013 Facility 1

Air District : SACRAMENTO METROPOLITAN AQMD

Type of ownership : Company with refrigeration facility

Start Date of Operation : 09/11/2008

Contact Person Information

Facility contact person is same as company contact person.

Salutation : * Dr

First Name : * Ken

Last Name : * Bowers

Position : CEO

Phone : * 9163231510 -

(Format XXXXXXXXXXX)

Email : * kbowers@arb.ca.gov

Mailing Address Information

Edit information button

Refrigeration Systems



Refrigeration Systems



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R3 Home Registration Annual Reporting Payments Reports Inspection

Home > Facility > Webinar 2013 Facility 1 Logged in as: Ken Bowers
{Company Admin}
{Webinar 2013}

Facility Information **Refrigeration System** ALD System Leak insp. & Service File Annual Report Annual Fee Payment

Search:

Refrigeration Systems 1 Record(s) Found

<input type="checkbox"/> Refrigeration ID	Operation Status	Manufacturer	Full charge Amt	Installation Date	Temperature Class
<input type="checkbox"/> System 1	Normal Operation	Frick	3500.00	09/15/2010	Low

« Previous Next »

Add a Refrigeration System



Help for this Page

Edit Refrigeration System

Refrigeration System ID : * System 1 ?

Installation Date : * 09/15/2010

Model Year : * 2010

Manufacturer : * Frick

Model or Description : * Model 1223 ?

Equipment Type : * Freezer

Serial Number : * FR 2566 ?

Location - Description : * machine room in back of store

Attach floor plan : No file selected. ?

Supported files to upload " .jpg, .jpeg, .png, .gif, .pdf, .doc, .xls, .docx, .xlsx "

Temperature Class : * Low ?

Operational : * Normal Operation ?

Refrigerant Full Charge Amount : * 3500.00 pounds ?

Refrigerant Type : * R-134a - HFC-134a

Means By Which Charge Amount Determined : * Name plate

Does this system have an ALD? * ALD on system

Refrigeration System Information Needed



- System ID
- Installation date
- Model year
- Manufacturer
- Model
- Equipment type
- Serial number
- Location
- Floor plan
- Temperature class
- Operational status
- Refrigerant charge amount
- Type of refrigerant
- How the charge amount was determined
- Does the system have an ALD?

ALD Systems



ALD Systems



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ARB RMP Home Page

Edit Profile | Logout

R3 Home | Registration | Annual Reporting | Payments | Reports | Inspection

Home > Facility > Webinar 2013.Facility 1

Logged in as: Ken Bowers
{Company Admin}
{Webinar 2013}

✔ Leak Detection System has been added successfully.

Facility Information | Refrigeration System | **ALD System** | Leak insp. & Service | File Annual Report | Annual Fee Payment

Search: [Q Search](#)

Leak Detection Systems 1 Record(s) Found

<input type="checkbox"/>	Equipment ID	Equipment Type	Sensor Type	Number of Sensors	Manufacturer
<input type="checkbox"/>	System 1 ALD	Concentration Monito...	Infra red	8	Carrier

« Previous Next »

[Add New](#) [Delete](#)

Add an ALD System



Help for this Page

Add New Leak Detection Equipment(If Applicable)

ALD System ID : * System 1 ALD

Installation Date : * 10/05/2010

System Type : * Concentration Monitor (Direct System) ▼

Detection Limit : 10

Alarm Set Point : 100

Concentration Monitor Type : Distributed inlets or sensors with comp ▼

Concentration Monitor Manufacturer : Carrier ▼

Number of Sensors : 8

Sensor Type : Infra red ▼

Sensor Manufacturer : Carrier

Location of Sensors/Inlets : near compressor, evaporator, receiver

Refrigeration System : * System 1

Save & Submit Save & Add more Cancel

ALD System Information Needed



- System ID
- Installation date
- System type
- Detection limit
- Alarm set point
- Monitor type
- Monitor manufacturer
- Number of sensors
- Sensor type
- Sensor manufacturer
- Location of sensors
- Refrigeration system(s) monitored

Leak Inspection and Service Records



Entering Service Records

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R3 Home Registration Annual Reporting Payments Reports Inspection

Home > Facility > Webinar 2013 Facility 1 Logged in as: Ken Bowers (Company Admin) (Webinar 2013)

Facility Information Refrigeration System ALD System **Leak insp. & Service** File Annual Report Annual Fee Payment

Refrigeration System Servicing 1 Record(s) Found

<input type="checkbox"/> Service Date	Facility Name	Refrigeration ID	Refrigeration Type	Leaks Detected
<input type="checkbox"/> 06/05/2013	Webinar 2013 Facilit...	System 1	R-134a - HFC-134a	Yes

« Previous Next »

Add New Delete

Leak Detection System Servicing 1 Record(s) Found

<input type="checkbox"/> Service Date	Facility Name	ALD system ID	Service Type
<input type="checkbox"/> 03/14/2013	Webinar 2013 Facilit...	System 1 ALD	Calibration

« Previous Next »

Add New Delete

Leak Inspections and Service



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R3 Home Registration Annual Reporting Payments Reports Inspection

Home > Facility > Webinar 2013 Facility 1 Logged in as: Ken Bowers
{Company Admin}
{Webinar 2013}

Facility Information Refrigeration System ALD System Leak insp. & Service File Annual Report Annual Fee Payment

Refrigeration System Servicing 1 Record(s) Found

<input type="checkbox"/> Service Date	Facility Name	Refrigeration ID	Refrigeration Type	Leaks Detected
<input type="checkbox"/> 06/05/2013	Webinar 2013 Facilit...	System 1	R-134a - HFC-134a	Yes

« Previous Next »

Add New **Delete**

Leak Detection System Servicing 1 Record(s) Found

<input type="checkbox"/> Service Date	Facility Name	ALD System ID	Service Type
---------------------------------------	---------------	---------------	--------------

Leak Inspections and Service

Help for this Page

Choose System type for Servicing

Facility Name : * Webinar 2013 Facility 1

System Type : * Refrigerant System

Refrigeration System : * Please Select... ?

Date of Service : * ?

Type of Service : * Annual leak inspection ?

Leaks detected : * YES NO

New Refrigerant Added amount : pounds ?

Refrigerant Removed But Not Returned to System amount : pounds ?

Net refrigerant amount : * pounds ?

Leak detection method : * Please select

Purpose of added or removed charge : * Please select

Extra time for retrofit/retirement : Days

Technician Name : * ?

Technician certificate number : * Do not enter Social Security Number. Please See ? for assistance

Technician certificate type : * ?

Technician company name :

Technician email :

Additional Technician Information :

Ex. Technician name - technician certificate number - technician certificate type with comma separated values

Additional notes :

Save & Submit Cancel

Leak Repair Service Records



Leak Repair

Cause of refrigerant leak: * Evaporator - Piping

Date leak detected: * 08/29/2013

Date leak repaired: * 09/02/2013

Days to repair: * 4 Days

Initial verification test date: * 09/02/2013

Follow-up verification test date: * 09/03/2013

Description of leak repair: * Braze patch on leaking pipe

Technician Name: * John Doe

Leak Inspections and Service

Help for this Page

Update Refrigeration System Servicing

Facility Name: * Webinar 2013 Facility 1

System Type: * Refrigerant System
Refrigeration System: * System 1 ?
Date of Service: * 08/09/2012
Type of service: * Routine Servicing ?

Leaks detected: * YES NO
New Refrigerant Added amount: 250.00 pounds ?
Refrigerant Removed But Not Returned to System amount: 80.00 pounds ?
Net refrigerant amount: 170.00 pounds ?
Refrigerant type: * R-134a - HFC-134a
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: * Liquid Line - Pump
Date leak detected: * 08/01/2012
Date leak repaired: * 08/08/2012
Days to repair: * 7 Days
Initial verification test date: * 08/08/2012 ?
Follow-up verification test date: * 08/09/2012 ?
Description of leak repair: * replaced seal on liquid line pump

Technician Name: * Susan Doe ?
Technician certificate number: * 896532 Do not enter Social Security Number. Please See ? for assistance
Technician certificate type: * Universal ?
Technician company name: John Doe and Co
Technician email: _____
Additional Technician Information: _____



Leak Inspections and Service

Leaks detected: * YES NO

New Refrigerant Added amount: 250.00 pounds ?

Refrigerant Removed But Not Returned to System amount: 80.00 pounds ?

Net refrigerant amount: * 170.00 pounds ?

Refrigerant type: * R-134a - HFC-134a

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: * Liquid Line - Pump

Date leak detected: * 08/01/2012

Date leak repaired: * 08/08/2012

Days to repair: * 7 Days

Initial verification test date: * 08/08/2012 ?

Follow-up verification test date: * 08/09/2012 ?

Description of leak repair: * replaced seal on liquid line pump

Technician Name: * Susan Doe ?

Technician certificate number: * 896532 Do not enter Social Security Number. Please See ? for assistance

Technician certificate type: * Universal ?

Technician company name: John Doe and Co

Technician email:

Additional Technician Information:

Ex. Technician name - technician certificate number - technician certificate type with comma separated values

Additional notes:

Update Cancel



Leak Inspections and Service



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ARB RMP Home Page

[Edit Profile](#) | [Logout](#)

[R3 Home](#) | [Registration](#) | [Annual Reporting](#) | [Payments](#) | [Reports](#) | [Inspection](#)

[Home](#) > [Facility](#) > Webinar 2013 Facility 1

Logged in as: **Ken Bowers**
{Company Admin}
{Webinar 2013}

[Facility Information](#) | [Refrigeration System](#) | [ALD System](#) | [Leak insp. & Service](#) | [File Annual Report](#) | [Annual Fee Payment](#)

Refrigeration System Servicing 1 Record(s) Found

<input type="checkbox"/> Service Date	Facility Name	Refrigeration ID	Refrigeration Type	Leaks Detected
<input type="checkbox"/> 06/05/2013	Webinar 2013 Facilit...	System 1	R-134a - HFC-134a	Yes

« Previous Next »

Leak Detection System Servicing 1 Record(s) Found

<input type="checkbox"/> Service Date	Facility Name	ALD System ID	Service Type
---------------------------------------	---------------	---------------	--------------

ALD Service Records



Add New **Delete**

Leak Detection System Servicing 1 Record(s) Found

<input type="checkbox"/> Service Date	Facility Name	ALD system ID	Service Type
<input type="checkbox"/> 03/14/2013	Webinar 2013 Facilit...	System 1 ALD	Calibration

« Previous Next »

Add New **Delete**

[Back to Top](#) | [All ARR Contacts](#) | [A-Z Index](#)

ALD Service Records



Help for this Page

Choose System type for Servicing

Facility Name : *

System Type : *

ALD System : * ?

Date of Service : *

Type of service : * ?

Detection limit indicated after service :

Alarm set point after service :

Description of service :

Annual Reports



File Report for "Webinar 2013 Facility 1"

Year of Filing: 2012

Submitted Date: 10/15/2013

Company Profile

Company Name : Webinar 2013 Federal tax ID : *****219

Contact Person Details

Person Name : Dr. Ken Bowers (CEO)
 Phone : Contact: 9163231510
 Email : kbowers@arb.ca.gov

Mailing Address Information

1001 I St
Sacramento, 95814
CA

Billing Address Information

1001 I St
Sacramento, 95814
Sacramento

Facility Profile

Facility Name : Webinar 2013 Facility 1 Federal tax ID : *****219

Contact Person Details

Person Name : Dr. Ken Bowers (CEO)
 Phone : Contact: 9163231510
 Email : kbowers@arb.ca.gov

Mailing Address Information

1001 I St
Sacramento, 95814
CA

Billing Address Information

1001 I St
Sacramento, 95814
Sacramento

Refrigeration System Listing

Number	System ID	Full Charge (lbs)	Refrigerant Type	Installation Date	Temperature Class	Equipment Type	Manufacturer	Model	Model Year	Serial Number	Location	Floor Plan (Y/N)
1	System 1	3500.00	R-134a	09/15/2010	Low	Freezer	Frick	Model 1223	2010	FR 2566	machine room in back of store	N

Leak detection System

Number	ALD ID	Refrigeration System ID	Installation Date	ALD Type	Detection Limit	Alarm Set Point	Concentration Monitor Type	Manufacturer	Number of Sensors	Sensor Type	Sensor Manufacturer	Location of Sensors/Inlets
1	0			Concentration Monitor (Direct System)	10.00	100	0	Carrier	8	Infra red	Carrier	near compressor, evaporator, receiver

Refrigeration System Inspection and Servicing

Number	Service Date	System ID	Leaks Detected?	Date Leak Detected	Date Leak Repaired	Number of Days	Refrigerant Added (lbs)	Cause of Leak	Service Provided	Date of Initial VT	Date of Follow-up VT	Purpose of Added Refrigerant	Technician Name	Certificate #	Certificate Type
1	08/09/2012	System 1	Yes	08/01/2012	08/08/2012	7	170.00	Liquid Line - Pump		08/08/2012	08/09/2012	Leak Repair	Susan Doe	896532	Universal

Leak Detection System Inspection and Servicing

Number	Service Date	ALD ID	Service Type	Description of Service

Refrigerant Purchase Information

Type	Total Purchased (lbs.)	Total Charged (lbs.)	Total Recovered (lbs.)	Total Stored (lbs.)	Total Shipped (lbs.)
R-134a	300.00	170.00	80.00	230.00	80.00

Comment

Submitted By: Ken Bowers



Annual Reports



California Environmental Protection Agency
Air Resources Board

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[Home](#) > [Facility](#) > Webinar 2013 Facility 1

Logged in as: **Ken Bowers**

{Company Admin}

{Webinar 2013}

[Facility Information](#) | [Refrigeration System](#) | [ALD System](#) | [Leak insp. & Service](#) | **[File Annual Report](#)** | [Annual Fee Payment](#)

Edit Facility Details

[Edit Info](#)

Company Name : *

Facility Name : *

Air District :

Type of ownership :

Start Date of Operation :

Contact Person Information

Facility contact person is same as company contact person.

Salutation : *

First Name : *

Last Name : *

Position :

Phone : * -

(Format XXXXXXXXXXX)

Email : *

Mailing Address Information

Annual Reports



Help for this Page

Annual Report Listing For "Webinar 2013 Facility 1"

Year	Facility Name	Date of Filing	Status	Action
2012	Webinar 2013 Facility 1	10/15/2013	Filed	
2011	Webinar 2013 Facility 1		Pending	

Annual Reports (page 1)



File Reports For "Webinar 2013 Facility 1"

Year Of Filing :

Did you own this facility on Jan 01 of Year of filing Yes No

Use the following links to be sure the data being submitted is correct. A check in each check box is your certification that it is correct.

- [Verify Company Information](#)
- [Verify Facility Information](#)
- [Verify Refrigeration System Information](#)
- [Verify Automatic Leak Detection System Information \(if applicable\)](#)
- [Verify Servicing & Leak Repair Information](#)

Verification

***Refrigerant Purchase and Use Information must be filled in using 2 decimal values, for example, 1500.00. No blanks accepted, use 0.00.*

Refrigerant Purchase and Use Information ?

Type	Total Purchased (lbs.)*	Total Charged (lbs.)* - New refrigerant added to refrigeration systems	Total Recovered (lbs.)* - Removed and not returned to refrigeration systems	Total Stored (lbs.)* In inventory, not in refrigeration systems	Total Shipped (lbs.) for Reclamation or Destruction*	Reason	Delete
R-134a - HFC-134a	<input type="text" value="300"/>	<input type="text" value="170.00"/>	<input type="text" value="80"/>	<input type="text" value="230"/>	<input type="text" value="80"/>		

Add Rows: [+](#)

Refrigerant purchase and use

Comment :

Annual Reports (page 2)



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 : 9163231510
 Email : kbowers@arb.ca.gov

Address Information

Mailing Address : 1001 I St, Mailing City : Sacramento Mailing State : CA
 Mailing Zip : 95814

Billing Address : 1001 I St, Billing City : Sacramento Billing State : CA
 Billing Zip : 95814

Facility Profile +

Refrigeration System Listing +

Leak detection System +

Refrigeration System Servicing +

Refrigerant Purchase Information -

Type	Total Purchased (lbs.)	Total Charged (lbs.)	Total Recovered (lbs.)	Total Stored (lbs.)	Total Shipped (lbs.) for Reclamation or Destruction
R-134a	300.00	170.00	80.00	230.00	80.00

Confidentiality Statement

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

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

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 this report has been prepared in accordance with the sections 95380-95398, 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.

I accept Terms and Conditions. **Certification**

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Annual Fee Payment



California Environmental Protection Agency
Air Resources Board

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Logged in as: **Ken Bowers**
{Company Admin}
{Webinar 2013}

[Facility Information](#) | [Refrigeration System](#) | [ALD System](#) | [Leak insp. & Service](#) | [File Annual Report](#) | [Annual Fee Payment](#)

Edit Facility Details [Edit Info](#)

Company Name : *

Facility Name : *

Annual Fee Payment



Search by Facility/Company Name :

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"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".

Facility Listing

1 Record(s) Found

<input type="checkbox"/>	Facility Name	City	Responsibility	System Type	Annual Report	Invoice No.	Status
<input checked="" type="checkbox"/>	WEB002-001 (Webinar 2013 Facility 1)	Sacramento	Company	Large	Yes	-	-

« Previous

Next »

Annual Fee Payment



Payment Details

Company Name : Webinar 2013

Address : 1001 I St Sacramento CA 95814

#	Facility Name	Amount Due(\$)	Previous Due(\$)	Exemption	Fee Exemption (\$)	Total (\$)
1.	WEB002-001 (Webinar 2013 Facility 1)	370.00	0.00	Claim	0.00	370.00

Total Payment Due: (\$) 370.00

Note: Invoice once generated cannot be cancelled.

Generate Invoice

Cancel

Annual Fee Payment



Checkout

Invoice # : 100035
Company Name : Webinar 2013
Address : 1001 I St Sacramento CA 95814

Invoice Date : 10/16/2013
Payment for Year : 2012
Payment Status : Pending

#	Facility Name	Amount Due(\$)	Previous Due(\$)	Exemption	Fee Exemption (\$)	Total (\$)
1.	WEB002-001 (Webinar 2013 Facility 1)	370.00	0.00	No	0.00	370.00

Total Payment Due: (\$) 370.00

Print Invoice

Pay Now

Cancel

Payment Invoice

Print

Close



California Environmental Protection Agency
Air Resources Board
Phone: (916) 324-2517
Email: reftrackinfo@arb.ca.gov

Invoice Detail



Invoice No: 100035 Invoice For Year: 2012 ARB REFERENCE CODE: RMP Dated: 10/16/2013

#	Facility Name	Amount Due(\$)	Previous Due(\$)	Exemption	Total (\$)
1	WEB002-001 (Webinar 2013 Facility 1)	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."



California Environmental Protection Agency
Air Resources Board
Phone: (916) 324-2517
Email: reftrackinfo@arb.ca.gov

Payment Stub



Invoice No: 100035 Invoice For Year: 2012 ARB REFERENCE CODE: RMP Dated: 10/16/2013

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

Address
to send
payment

PAY THIS AMOUNT

\$370.00

Annual Fee Payment



Checkout

Invoice # : 100035
Company Name : Webinar 2013
Address : 1001 I St Sacramento CA 95814

Invoice Date : 10/16/2013
Payment for Year : 2012
Payment Status : Pending

#	Facility Name	Amount Due(\$)	Previous Due(\$)	Exemption	Fee Exemption (\$)	Total (\$)
1.	WEB002-001 (Webinar 2013 Facility 1)	370.00	0.00	No	0.00	370.00

Total Payment Due: (\$) 370.00

Print Invoice Pay Now Cancel

Online Credit Card Payment



SALE

Order Section

Invoice Number: *

Name On Credit Card: *

Credit Card Number: *

Expiration Date(MMY): *

Amount: *

CVV2: *

Billing Address

Company:

First Name:

Last name:

Address1:

Address2:

City:

State/Province:

Postal Code:

Country:

Phone:

Email Address:

Process

Finished!



Resources



- Website
 - R3 tool website:
www.arb.ca.gov/rmp-r3
 - RMP Program website:
www.arb.ca.gov/stoprefrigerantleaks
- Hotline
(916) 324-2517
- Email
reftrackinfo@arb.ca.gov
- Listserve
Sign up on website

ARB Contacts



- Ken Bowers
916.323.1510
kbowers@arb.ca.gov
- Pamela Gupta
916.327.0604
pgupta@arb.ca.gov



QUESTIONS?