



Refrigerant Management Program

Updates to the Refrigerant Registration and Reporting Tool (R3)

Agenda

- Overview: Refrigerant Management Program (RMP)
- Overview: Changes to Refrigerant Registration and Reporting (R3) System
- Final Notes
- Questions

Commonly Used Terminology

High-GWP Refrigerant – Those refrigerants with a global warming potential greater than or equal to 150.

Full Charge Size – Full refrigerant capacity of a refrigeration system.

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 (small, medium, or large)

Commonly Used Terminology

Change in Refrigeration Status – When a characteristic of the refrigeration system changes.

- Full charge amount, refrigerant type, equipment type, or operational status.

Service Record – A servicing event on a refrigeration system.

- Leak inspection, leak repair, seasonal adjustment, etc.

R3 – Website used for reporting under the Refrigerant Management Program

Overview of Regulation

Refrigerant Management Program (RMP)

RMP Regulation Overview

- In effect since January 1, 2011
- Focuses on leak inspection & repair
- Owners and/or operators of facilities with a stationary refrigeration system that uses more than 50-pounds of a high-GWP refrigerant.
 - Excluding comfort cooling
- Any person who installs, services, or repairs a refrigeration or A/C system using a high-GWP refrigerant.
- Any distributor, wholesaler, or reclaimer who sells or reclaims high-GWP refrigerant.

Key Requirements

- Facilities with refrigeration systems
 - Repair leaks within 14 days of detection
 - Keep records of service and refrigerant transactions
 - Contractors and Technicians must follow required service practices
 - Conduct periodic leak inspections
 - File annual report and pay fee (medium and large facilities)
- Distributors, Wholesalers, Reclaimers
 - Keep records of refrigerant transactions
 - File annual report

Overview of Updates

Refrigerant Registration and Reporting System (R3) Reporting Tool

Overview of Updates

1. Changes to the Front Page
2. Adding Multiple Leak Inspections
3. Changes to the Batch Upload Process
4. Other Minor Changes
5. New reporting page for companies with retail food facilities¹

¹Subject to requirements under New 2020 HFC Regulation, currently pending Office of Administrative Law approval

Homepage

CALIFORNIA AIR RESOURCES BOARD

ARB RMP Home Page

Edit Profile | Logout

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

Logged in as : **Tristan Pulido**
(Company Admin)
(Kenzie's Company)

Welcome "Tristan Pulido" to Refrigerant Management Program

Quick Links

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

Welcome to the Refrigerant Registration and Reporting System (R3). You are logged in as AN **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 Annual Report

[Facility Compliance Check List](#)

Company Annual Report	Status
Weighted-Average GWP and Greenhouse Gas Potential Report	Not Filed

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Facility Annual Report

- [Facility Compliance Check List](#)

Company Annual Report

	Status
Weighted-Average GWP and Greenhouse Gas Potential Report	Not Filed

Facility Compliance Checklist

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[Home](#) > Facility Compliance Check List

Logged in as : **Tristan Pulido**
{Company Admin}
{Kenzie's Company}

Welcome "**Tristan Pulido**" to Refrigerant Management Program

Registration			Annual Report					
#	Facility	Refrigeration Systems	ALD	ALD Compliance	Service Record	Service Record Compliance	Annual Report	Payment
1.	OffSite	3	0	Not Applicable	13	✘	Not Filed	-
2.	Kenzie's Confectionary	4	1	✔	9	✔	Not Filed	-

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Facility Compliance Checklist

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[Home](#) > Facility Compliance Check List

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Registration			Annual Report					
#	Facility	Refrigeration Systems	ALD	ALD Compliance	Service Record	Service Record Compliance	Annual Report	Payment
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2.	Kenzie's Confectionary	4	1	✔	9	✔	Not Filed	-

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Multiple Leak Inspections

The screenshot displays the ARB RMP Home Page for Kenzie's Confectionary. At the top, the navigation bar includes 'R3 Home', 'Registration', 'Annual Reporting', 'Payments', 'Reports', 'Inspection', and 'Admin'. A large red arrow points to step 4, 'Leak Insp. & Service', in a process flow diagram. Below the diagram is a tabbed interface with the following tabs: Facility Information, Refrigeration System, ALD Sys. & Service, Leak Insp. & Service, File Annual Report, Annual Fee, Analytics, and Notes. The 'Leak Insp. & Service' tab is active, showing the 'Edit Facility Details' form.

ARB RMP Home Page | Edit Profile | Logout

CALIFORNIA AIR RESOURCES BOARD

Home > Facility > Kenzie's Confectionary (Kenzie's Company) | Logged in as: **Tristan Pulido** (ARB Admin) | 2020

1 2 3 4 5 6

Facility Information | Refrigeration System | ALD Sys. & Service | **Leak Insp. & Service** | File Annual Report | Annual Fee | Analytics | Notes

Edit Facility Details | Close/Transfer Facility | Edit Info

Company Name : * Kenzie's Company [View Company Detail](#)

Facility Name : * Kenzie's Confectionary

Air District : SACRAMENTO METROPOLITAN AQMD

Type of ownership : Company with refrigeration facility

Start Date of Operation : * 11/01/2015

Date of Registration : 12/14/2020

Location Address Information

Multiple Leak Inspections

Home > Facility > Kenzie's Confectionary (Kenzie's Company) Logged in as : **Tristan Pulido**
(Company Admin)
(Kenzie's Company)
2020

Facility Information | **Refrigeration System** | **ALD Sys. & Service** | **Leak Insp. & Service** | **File Annual Report** | **Annual Fee** | **Analytics**

Refrigerant System: Service Type:
From: To: [Search](#) [Reset Search](#) [Print Result](#)

Refrigeration System Servicing 9 Record(s) Found

<input type="checkbox"/>	Service Date ↑↓	Refrigeration ID ↑↓	Refrigeration Type ↑↓	Refrigerant Amt	Service Type ↑↓	Leaks ↑↓	Print ↑
<input type="checkbox"/>	12/15/2020	Walk In	R-404A - HP-62, FX...	+180.00	Change Charge Size	No	
<input type="checkbox"/>	12/15/2020	Building System	R-448A - Solstice N...	0.00	Change Equipment Type	No	
<input type="checkbox"/>	11/06/2020	Building System	R-448A - Solstice N...	+1800.00	Change refrigerant type (Retrofit)	No	
<input type="checkbox"/>	11/06/2020	Building System	R-22 - HCFC-22	-1800.00	Change refrigerant type (Retrofit)	No	
<input type="checkbox"/>	11/01/2020	Side Dislavl	R-404A - HP-62, FX...	0.00	Change Operational Status	No	

« Previous Next »

Multiple Leak Inspections

Help for this Page

Add Multiple Leak Inspection

Facility Name : * Kenzie's Confectionary

Refrigeration System : *

- Building System
- Front Display
- Side Display
- Walk In

Leak Inspection - 1

Date of Service : * MM/DD/YYYY(e.g 04/10/2015) MM/DD/YYYY(e.g 04/10/2015)

Leak Detection Method : * Please Select...

Technician Name : * Todd Chavez

Technician Certificate Number : * 12345 Do not enter Social Security Number.Please See for assistance

Technician Certificate Type : * Universal I II III None

Technician Company Name :

Technician Email :

Additional Technician Information :
("If more than one technician worked on the service, enter information about all other technicians")

Additional Notes :
Ex Technician name - technician certificate number - technician certificate type with comma separated values

Multiple Leak Inspections

Leak Inspection - 1

Date of Service : * MMDD/YYYY(e.g 04/10/2015) MMDD/YYYY(e.g 04/10/2015)

Leak Detection Method : *

Technician Name : *

Technician Certificate Number : * Do not enter Social Security Number>Please See ? for assistance

Technician Certificate Type : * Universal I II III None ?

Technician Company Name :

Technician Email :

Additional Technician Information :
(*If more than one technician worked on the service, enter information about all other technicians*)

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

Add Another Leak Inspection Date

Created By :

Created :

Multiple Leak Inspections

Leak Inspection - 2

Date of Service : * 04/28/2021 MMDD/YYYY(e.g 04/10/2015) MMDD/YYYY(e.g 04/10/2015)

Leak Detection Method : * Please Select...

Technician Name : * Todd Chavez ?

Technician Certificate Number : * 12345 Do not enter Social Security Number.Please See ? for assistance

Technician Certificate Type : * Universal I II III None ?

Technician Company Name :

Technician Email :

Additional Technician Information :
("If more than one technician worked on the service, enter information about all other technicians")

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

Created By : puidotest

Created : 2021-12-14 12:46:14

Buttons: Add Another Leak Inspection Date, Save & Submit, Cancel

Filing Annual Report

The screenshot displays the ARB RMP Home Page for Kenzie's Confectionary. The page features a navigation menu with options: R3 Home, Registration, Annual Reporting, Payments, Reports, Inspection, and Admin. A large red arrow points to step 5, 'File Annual Report', in a 6-step process flow. Below the flow, a tabbed interface shows 'File Annual Report' as the active tab. The 'Edit Facility Details' section contains the following information:

- Company Name: * Kenzie's Company [View Company Detail](#)
- Facility Name: * Kenzie's Confectionary
- Air District: SACRAMENTO METROPOLITAN AQMD
- Type of ownership: Company with refrigeration facility
- Start Date of Operation: * 11/01/2015
- Date of Registration: 12/14/2020

Additional page elements include the California Air Resources Board logo, 'ARB RMP Home Page' title, 'Edit Profile | Logout' links, 'Logged in as: Tristan Pulido (ARB Admin)', and a year selector set to 2020.

Filing Annual Report

Annual Report Information and Documentation

Service Record data is not available in violation of C.C.R. 595388(b)(2) - Incomplete servicing records in Tab 4
 ALD Servicing data is not available in violation of C.C.R. 595388(b)(2) - Incomplete servicing records in Tab 3

***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-22 - HCFC-22	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>		

For registered refrigeration systems complete the data fields below, if none enter 0 ? Set all empty cells to "0"

For other refrigerant uses, click "Add Other Refrigerant" and complete the data fields. ?

Add Other Refrigerant

Comment :

<< Back Save Continue Cancel

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Filing Annual Report

Annual Report Information and Documentation

Service Record data is not available in violation of C.C.R. 595388(b)(2) - Incomplete servicing records in Tab 4
 ALD Servicing data is not available in violation of C.C.R. 595388(b)(2) - Incomplete servicing records in Tab 3

***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
<p>For registered refrigeration systems complete the data fields below, if none enter 0 <input type="checkbox"/> Set all empty cells to "0"</p> <p>R-22 - HCFC-22 <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/></p> <p>For other refrigerant uses, click "Add Other Refrigerant" and complete the data fields. ?</p> <p>Add Other Refrigerant</p> <p>Comment : <input type="text"/></p> <p><input type="button" value=" << Back"/> <input type="button" value=" Save"/> <input type="button" value=" Continue"/> <input type="button" value=" Cancel"/></p>							

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Batch Upload

The screenshot displays the ARB RMP Home Page. At the top left is the CALIFORNIA AIR RESOURCES BOARD logo. The page title is 'ARB RMP Home Page'. On the right, there are links for 'Edit Profile' and 'Logout', and a small 'R3' logo. A dark red navigation bar contains the following menu items: 'R3 Home', 'Registration' (circled in red), 'Annual Reporting', 'Payments', 'Reports', and 'Inspection'. Below the navigation bar, there are three main activity categories, each with a blue circular icon:

- User Management**: Add and manage users.
- Company Management**: Manage company.
- Facility**: Add and manage facility.
- Batch upload**: Import registration XML file. (This option is circled in red.)
- Change Ownership/ Closure of Facility**: Manage ownership/ Closure of Facility data.

Below these categories, there is a section with a list of links:

- [Manage Facility](#)
- [Close/Transfer Facility](#)
- [File Annual Report](#)
- [Make Payments](#)
- [Reports](#)

At the bottom of the page, there is a paragraph of text: '... and Reporting System (R3). For... user. The quick links on the left side of this page show activities available for... your role type. Select an activity from the quick links or from the menus on the red tab bar above.'

Batch Uploads

[Excel to XML Mapping files](#) [XML Process](#) [Latest XSD](#) [Final Sample XML](#) [Help for this Page](#)

It is possible that not all data required for Registration or Annual Reporting is provided through the XML batch upload. Following an upload it remains the Company's responsibility to verify that all required data is provided. Verification can be performed through on-screen review of all uploads related to a Facility.

New Batch Upload

Import Year:

Upload Title:

Upload File: R3-Whole_...6160527...

[Sample XML](#)
[Simple Sample XML](#)
[Change Refrigerant type\(Retrofit\)](#)
[Change Charge Size](#)
[Change Equipment Type](#)
[Change Temperature Class](#)
[Change Operational Status](#)

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Batch Upload Report	Description	Number
New Facilities Created	Facilities in the batch upload that do not match a current facility in R3.	223
Current Facilities Updated	Facilities in the batch upload that match and will update a current facility in R3.	0
New System(s) Created	System(s) in the batch upload that do not match a current system in R3.	361
Current Systems Updated	System(s) in the batch upload that match and will update a current system in R3.	0
Total Service Records	Total number of new service records being added	1019

Do you want to continue >>

[cancel](#)

New Batch Upload

Import Year:

Upload Title:

Upload File: No file chosen

Sample XML

[Simple Sample XML](#)

[Change Refrigerant Type\(Retrofit\)](#)

[Change Charge Size](#)

[Change Equipment Type](#)

[Change Temperature Class](#)

[Change Operational Status](#)

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Batch Uploads

[Excel to XML Mapping files](#) [XML Process](#) [Latest XSD](#) [Final Sample XML](#) [Help for this Page](#)

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Batch Upload Report	Description	Number
New Facilities Created	Facilities in the batch upload that do not match a current facility in R3.	1
Current Facilities Updated	Facilities in the batch upload that match and will update a current facility in R3.	0
New System(s) Created	System(s) in the batch upload that do not match a current system in R3.	8
Current Systems Updated	System(s) in the batch upload that match and will update a current system in R3.	0
Total Service Records	Total number of new service records being added	23

[Do you want to continue >>](#)

[cancel](#)

New Batch Upload

Import Year:

Upload Title:

Upload File: No file chosen

Sample XML

[Simple Sample XML](#)

[Change Refrigerant type\(Retrofit\)](#)

[Change Charge Size](#)

[Change Equipment Type](#)

[Change Temperature Class](#)

[Change Operational Status](#)

[Upload](#)

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Batch Uploads

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[Inspection](#)

Logged in as: **Dennis DeLano**
 (Company Admin)
 (1280 Law Blvd, Inc.)

Excel to XML Mapping Files
XML Process
Latest XSD
Final Sample XML
Help for this Page

It is possible that not all data required for Registration or Annual Reporting is provided through the XML batch upload. Following an upload it remains the Company's responsibility to verify that all required data is provided. Verification can be performed through on-screen review of all uploads related to a Facility.

Element	Error Description	Line #
Element 'TechnicianCertificateType'	[facet 'enumeration'] The value 'type i and type ii' is not an element of the set ('universal', 'T', 'F', 'W', 'U', 'L', 'I', 'R', 'U', 'L', 'I', 'R', 'U', 'L', 'I', 'R', 'none').	line 97
Element 'TechnicianCertificateType'	'type i and type ii' is not a valid value of the atomic type 'CertificateTypeValue'.	line 97
Element 'TechnicianCertificateType'	[facet 'enumeration'] The value 'type i and type ii' is not an element of the set ('universal', 'T', 'F', 'W', 'U', 'L', 'I', 'R', 'U', 'L', 'I', 'R', 'U', 'L', 'I', 'R', 'none').	line 470
Element 'TechnicianCertificateType'	'type i and type ii' is not a valid value of the atomic type 'CertificateTypeValue'.	line 470
Element 'TechnicianCertificateType'	[facet 'enumeration'] The value 'type i and ii' is not an element of the set ('universal', 'T', 'F', 'W', 'U', 'L', 'I', 'R', 'U', 'L', 'I', 'R', 'none').	line 577
Element 'TechnicianCertificateType'	'type i and ii' is not a valid value of the atomic type 'CertificateTypeValue'.	line 577
Element 'TechnicianCertificateType'	[facet 'enumeration'] The value 'type i and ii' is not an element of the set ('universal', 'T', 'F', 'W', 'U', 'L', 'I', 'R', 'U', 'L', 'I', 'R', 'none').	line 592
Element 'TechnicianCertificateType'	'type i and ii' is not a valid value of the atomic type 'CertificateTypeValue'.	line 592
Element 'TechnicianCertificateType'	[facet 'enumeration'] The value 'type i and ii' is not an element of the set ('universal', 'T', 'F', 'W', 'U', 'L', 'I', 'R', 'U', 'L', 'I', 'R', 'none').	line 701
Element 'TechnicianCertificateType'	'type i and ii' is not a valid value of the atomic type 'CertificateTypeValue'.	line 701
Element 'TechnicianCertificateType'	[facet 'enumeration'] The value 'type i and ii' is not an element of the set ('universal', 'T', 'F', 'W', 'U', 'L', 'I', 'R', 'U', 'L', 'I', 'R', 'none').	line 717
Element 'TechnicianCertificateType'	'type i and ii' is not a valid value of the atomic type 'CertificateTypeValue'.	line 717
Element 'TechnicianCertificateType'	[facet 'enumeration'] The value 'type i and ii' is not an element of the set ('universal', 'T', 'F', 'W', 'U', 'L', 'I', 'R', 'U', 'L', 'I', 'R', 'none').	line 732
Element 'TechnicianCertificateType'	'type i and ii' is not a valid value of the atomic type 'CertificateTypeValue'.	line 732
Element 'TechnicianCertificateType'	[facet 'enumeration'] The value 'type i and ii' is not an element of the set ('universal', 'T', 'F', 'W', 'U', 'L', 'I', 'R', 'U', 'L', 'I', 'R', 'none').	line 835
Element 'TechnicianCertificateType'	'type i and ii' is not a valid value of the atomic type 'CertificateTypeValue'.	line 835
Element 'TechnicianCertificateType'	[facet 'enumeration'] The value 'type i and ii' is not an element of the set ('universal', 'T', 'F', 'W', 'U', 'L', 'I', 'R', 'U', 'L', 'I', 'R', 'none').	line 850
Element 'TechnicianCertificateType'	'type i and ii' is not a valid value of the atomic type 'CertificateTypeValue'.	line 850
Element 'TechnicianCertificateType'	[facet 'enumeration'] The value 'type i and type ii' is not an element of the set ('universal', 'T', 'F', 'W', 'U', 'L', 'I', 'R', 'U', 'L', 'I', 'R', 'U', 'L', 'I', 'R', 'none').	line 1620
Element 'TechnicianCertificateType'	'type i and type ii' is not a valid value of the atomic type 'CertificateTypeValue'.	line 1620
Element 'TechnicianCertificateType'	[facet 'enumeration'] The value 'type i and type ii' is not an element of the set ('universal', 'T', 'F', 'W', 'U', 'L', 'I', 'R', 'U', 'L', 'I', 'R', 'U', 'L', 'I', 'R', 'none').	line 2018

Batch Uploads

Element 'TechnicianCertificateType'	'type i and type ii' is not a valid value of the atomic type 'CertificateTypeValue'.	line 0
Element 'TechnicianCertificateType'	[facet 'enumeration'] The value 'type i and type ii' is not an element of the set ('universal', 'T', 'IF', 'III', 'i,IF', 'i,III', 'ii,III', 'none').	line 0
Element 'TechnicianCertificateType'	'type i and type ii' is not a valid value of the atomic type 'CertificateTypeValue'.	line 0
Element 'TechnicianCertificateType'	[facet 'enumeration'] The value 'type i and type ii' is not an element of the set ('universal', 'T', 'IF', 'III', 'i,IF', 'i,III', 'ii,III', 'none').	line 0
Element 'TechnicianCertificateType'	'type i and type ii' is not a valid value of the atomic type 'CertificateTypeValue'.	line 0
Element 'TechnicianCertificateType'	[facet 'enumeration'] The value 'type i and type ii' is not an element of the set ('universal', 'T', 'IF', 'III', 'i,IF', 'i,III', 'ii,III', 'none').	line 0
Element 'TechnicianCertificateType'	'type i and type ii' is not a valid value of the atomic type 'CertificateTypeValue'.	line 0
Element 'TechnicianCertificateType'	[facet 'enumeration'] The value 'type i and type ii' is not an element of the set ('universal', 'T', 'IF', 'III', 'i,IF', 'i,III', 'ii,III', 'none').	line 0
Element 'TechnicianCertificateType'	'type i and type ii' is not a valid value of the atomic type 'CertificateTypeValue'.	line 0
Element 'TechnicianCertificateType'	[facet 'enumeration'] The value 'type i and type ii' is not an element of the set ('universal', 'T', 'IF', 'III', 'i,IF', 'i,III', 'ii,III', 'none').	line 0
Element 'TechnicianCertificateType'	'type i and type ii' is not a valid value of the atomic type 'CertificateTypeValue'.	line 0

Please fix the above errors and upload the XML again

New Batch Upload

Import Year:

Upload Title:

Upload File: No file chosen

Sample XML

- [Simple Sample XML](#)
- [Change Refrigerant type \(Retrofit\)](#)
- [Change Charge Size](#)
- [Change Equipment Type](#)
- [Change Temperature Class](#)
- [Change Operational Status](#)

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Facility Annual Report

[Facility Compliance Check List](#)

Company Annual report	Status
Weighted-Average GWP and Greenhouse Gas Potential Report	Not Filed

Proposed Weighted Average GWP and GHGp Reporting Requirements

- Applies to Retail Food Companies:
 - With a refrigeration system with more than 50 pounds of a high GWP refrigerant
 - “Retail food facility includes supermarkets, grocery stores, and any other food merchandising stores.”
- This is determined in R3 by NAICS Code.
- By March 1, 2022, and each year thereafter, all Retail Food Companies must report their weighted average GWP and GHGp
- More detailed information can be found here:
<https://ww2.arb.ca.gov/sites/default/files/barcu/regact/2020/hfc2020/fro.pdf>

Compliance Schedule

Company Size	Compliance Requirement	Date
Companies owning or operating 20 or more retail food facilities in California, and national supermarket chains operating in California.	Attain a company-wide weighted-average GWP of less than 2,500 or a 25% or greater reduction in GHGp below 2019 levels by December 31, 2026	December 31, 2026
	Attain a company-wide weighted-average GWP of less than 1,400 or a 55% or greater reduction in GHGp below 2019 levels	January 1, 2030
Companies owning or operating fewer than 20 retail food facilities in California	Attain a company-wide weighted-average GWP of less than 1,400 or a 55% or greater reduction in GHGp below 2019 levels	January 1, 2030

*Pending final approval from Office of Administrative Law.

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ARB RMP Home Page

Edit Profile | Logout

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

Logged in as: **Tristan Pulido**
(Company Admin)
(Kenzie's Company)

Welcome "Tristan Pulido" to Refrigerant Management Program

Quick Links

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

Welcome to the Refrigerant Registration and Reporting System (R3). You are logged in as AN **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 Annual Report

[Facility Compliance Check List](#)

Company Annual report	Status
Weighted-Average GWP and Greenhouse Gas Potential Report	Not Filed

Weighted Average GWP and GHGp Report

The screenshot displays the ARB RMP Home Page. At the top left is the California Air Resources Board logo. The page title is 'ARB RMP Home Page'. Navigation links include 'R3 Home', 'Registration', 'Annual Reporting', 'Payments', 'Reports', and 'Inspection'. The user is logged in as 'Tristan Pulido' (Company Admin) for 'Kenzie's Company'. The main content area is titled 'File Report' and contains a table with the following data:

Year	Date of Filing	Status	Weighted-Average GWP	GHGp (metric tons of CO2e)	Action
2021	—	Not Filed			—

At the bottom of the page, there are links for 'Back to Top', 'All ARB Contacts', and 'A-Z Index'.

Weighted Average GWP and GHGp Report

The screenshot displays the ARB RMP Home Page. At the top left is the CALIFORNIA AIR RESOURCES BOARD logo. The page title is "ARB RMP Home Page". On the right, there are links for "Edit Profile" and "Logout", and a small icon. A navigation bar contains links for "R3 Home", "Registration", "Annual Reporting", "Payments", "Reports", and "Inspection". Below the navigation bar, the breadcrumb "Home > File Report" is shown on the left, and the user information "Logged in as : Tristan Pulido (Company Admin) (Kenzie's Company)" is on the right. The main content area features a "File Report" table with the following data:

Year	Date of Filing	Status	Weighted-Average GWP	GHGp (metric tons of CO2e)	Action
2021	—	Not Filed			—

At the bottom of the page, there are links for "Back to Top", "All ARB Contacts", and "A-Z Index".

Weighted Average GWP and GHGp Report

File Report

Annual Reporting of Greenhouse Gas Potential (GHGp) and Weighted-Average Global Warming Potential (GWP) for Companies with Retail Food Facilities

On or before March 1, 2022, and each year thereafter by March 1, all companies with a retail food facility shall report their Greenhouse Gas Potential (GHGp) and weighted-average Global Warming Potential (GWP) into the R3 database for the prior calendar year. "Company" means all businesses, affiliates, brands, or subsidiaries or franchises, owned or operated by the same parent company. Each parent company shall report their weighted average GWP and GHGp under one single profile in R3, that profile shall include all of their facilities.

Please enter your company's GHGp and weighted-average GWP below. Please note that compliance will be determined on a company-wide level taking into account all retail food facilities under each company. In order for CARB to accurately determine the compliance status of each company, it is essential that all facilities are reported under only one parent company in R3 and that there is only one weighted-average GWP value and one GHGp value for each parent company. For more information on how to calculate the weighted-average GWP and GHGp, formulas, and examples, please click [here](#). For the full regulation text please click [here](#).

2021 Weighted-Average GWP	2021 GHGp (metric tons of CO2e)	2019 Baseline GHGp
<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="705,960 (LBsCO2e)"/>
		<input type="text" value="320 (MTCO2e)"/>

[List of Systems and Calculations](#)

*Please contact CARB staff if you have a question regarding the calculated 2019 Baseline GHGp.

Based on data reported in R3, below is your registered company and the number of facilities under that company. If the information is correct, please check the box below. If the information is incorrect, please contact CARB staff at HFCReduction@arb.ca.gov.

Weighted Average GWP and GHGp Report

File Report

Annual Reporting of Greenhouse Gas Potential (GHGp) and Weighted-Average Global Warming Potential (GWP) for Companies with Retail Food Facilities

On or before March 1, 2022, and each year thereafter by March 1, all companies with a retail food facility shall report their Greenhouse Gas Potential (GHGp) and weighted-average Global Warming Potential (GWP) into the R3 database for the prior calendar year. "Company" means all businesses, affiliates, brands, or subsidiaries or franchises, owned or operated by the same parent company. Each parent company shall report their weighted average GWP and GHGp under one single profile in R3, that profile shall include all of their facilities.

Please enter your company's GHGp and weighted-average GWP below. Please note that compliance will be determined on a company-wide level taking into account all retail food facilities under each company. In order for CARB to accurately determine the compliance status of each company, it is essential that all facilities are reported under only one parent company in R3 and that there is only one weighted-average GWP value and one GHGp value for each parent company. For more information on how to calculate the weighted-average GWP and GHGp, formulas, and examples, please click [here](#). For the full regulation text please click [here](#).

2021 Weighted-Average GWP

2021 GHGp (metric tons of CO2e)

2019 Baseline GHGp

[List of Systems and Calculations](#)

*Please contact CARB staff if you have a question regarding the calculated 2019 Baseline GHGp.



Based on data reported in R3, below is your registered company and the number of facilities under that company. If the information is correct, please check the box below. If the information is incorrect, please contact CARB staff at HFCReduction@arb.ca.gov.

List of Systems and Calculations

Welcome-RMP — Mozilla Firefox

https://ssl.arb.ca.gov/r3test/facilities/verify_result_baseline/year:2021/company: 80% ☆ ☰

Print Cancel


CALIFORNIA
 AIR RESOURCES BOARD
 Phone: 1 (916) 324-2517
 Email: reftrackinfo@arb.ca.gov


Verify Baseline value - 2019

#	Company Name	Facility Name	Facility ID	NAICS Code	Refrigeration ID	Operation Status	Equipment Type	Full Charge Amount	Installation Date	Refrigerant Type	GWP	2019 GHGp
1	Kenzie's Company	Kenzie's Confectionary	15781	445110	Front Display	Normal Operation	Freezer	61	2020-01-01	R-404A	3,922	0
2	Kenzie's Company	Kenzie's Confectionary	15781	445110	Walk In	Normal Operation	Freezer	180	2017-11-08	R-404A	3,922	705,960
3	Kenzie's Company	Kenzie's Confectionary	15781	445110	Side Display	Mothballed	Freezer	55	2018-01-02	R-404A	3,922	0
										LBsCO2e:		705,960
										MTCO2e:		320

Weighted Average GWP and GHGp Report

File Report

Annual Reporting of Greenhouse Gas Potential (GHGp) and Weighted-Average Global Warming Potential (GWP) for Companies with Retail Food Facilities

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2021 Weighted-Average GWP	2021 GHGp (metric tons of CO2e)	2019 Baseline GHGp
<input type="text" value="3143"/>	<input type="text" value="300"/>	<input type="text" value="705,960 (LBsCO2e)"/> <input type="text" value="320 (MTCO2e)"/>

[List of Systems and Calculations](#)

*Please contact CARB staff if you have a question regarding the calculated 2019 Baseline GHGp.

Based on data reported in R3, below is your registered company and the number of facilities under that company. If the information is correct, please check the box below. If the information is incorrect, please contact CARB staff at HFCReduction@arb.ca.gov.

Weighted Average GWP and GHGp Report

File Report

Annual Reporting of Greenhouse Gas Potential (GHGp) and Weighted-Average Global Warming Potential (GWP) for Companies with Retail Food Facilities

On or before March 1, 2022, and each year thereafter by March 1, all companies with a retail food facility shall report their Greenhouse Gas Potential (GHGp) and weighted-average Global Warming Potential (GWP) into the R3 database for the prior calendar year. "Company" means all businesses, affiliates, brands, or subsidiaries or franchises, owned or operated by the same parent company. Each parent company shall report their weighted average GWP and GHGp under one single profile in R3, that profile shall include all of their facilities.

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<input type="text" value="3143"/>	<input type="text" value="300"/>	<input type="text" value="705,960 (LBsCO2e)"/>

[List of Systems and Calculations](#)

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Based on data reported in R3, below is your registered company and the number of facilities under that company. If the information is correct, please check the box below. If the information is incorrect, please contact CARB staff at HFCReduction@arb.ca.gov.

Weighted Average GWP and GHGp Report

Company	Number of Facilities
Kenzie's Company	2

Company Information

Below is a list of your company's contact information. If the information is inaccurate, please click [here](#) to update your company profile.

Company	
Company Name:	Kenzie's Company
Company Federal Tax Identification Number:	
Mailing Address:	1001 "I" St.
Location Address:	1001 "I" St.
Contact Name:	Mackenzie Montrose
Phone Number:	9162826283
E-mail address:	rajeev.aggarwal@agreeya.com

Penalty of Perjury

"I certify (or declare) under penalty of perjury under the laws of the State of California that all reported information is true and correct."

Name of Company Contact Submitting the Report: Tristan Pulido

Weighted Average GWP and GHGp Report

Company	Number of Facilities
Kenzie's Company	2

Company Information

Below is a list of your company's contact information. If the information is inaccurate, please click [here](#) to update your company profile.

Company	
Company Name:	Kenzie's Company
Company Federal Tax Identification Number:	
Mailing Address:	1001 "I" St.
Location Address:	1001 "I" St.
Contact Name:	Mackenzie Montrose
Phone Number:	9162826283
E-mail address:	rajeev.aggarwal@agreeya.com

Penalty of Perjury

"I certify (or declare) under penalty of perjury under the laws of the State of California that all reported information is true and correct."

Name of Company Contact Submitting the Report: Tristan Pulido

Final Notes

Refrigerant Registration and Reporting System (R3)

Order for Adding Service Records

1. Ensure you have completed all system changes and added all service records for prior years.
2. Always complete system status changes first in Tab 2.
 - This can either be done through the R3 application or an XML upload.
3. Then input service records into Tab 4.
 - This can either be done through the R3 application or an XML upload.

Final Notes:

- When in doubt, follow chronological order of events.

Errors in R3

- When you notice an error in R3 registration, please notify RMP staff so that the error can be addressed.

Example #1: I added a system with 6,500 pounds of R-448A when I only meant 650.

Example #2: Our company took over this building and the system is listed as R-22 when it appears to be using R-404A.

- Attempting to self-correct such errors could affect compliance.

Future R3 Changes

The screenshot shows the homepage of the Refrigerant Registration and Reporting System (R3). At the top, there are social media icons for Facebook, Twitter, YouTube, and LinkedIn, followed by the California Air Resources Board logo and the R3 logo. A navigation menu includes links for Home, Reports & Forms, Contact, FAQ, Survey, Test Your Skill, and Help. The main heading is "Welcome to Refrigerant Registration and Reporting System (R3)". Below this, there is a paragraph explaining the R3 system as a web-based tool for implementing registration, reporting, and fee payment provisions. A second paragraph states that the RMP is California's regulation for stationary, non-residential refrigeration systems. A third paragraph provides links to a registration check list, a registration worksheet, and a leak inspection aid. On the right side, there is a "Login" section with input fields for Username and Password, a "Login" button, and a link for users who cannot access their account. Below the login section, there is a note for companies with refrigeration facilities to sign up for new registration. The "Important Information" section contains three sub-sections: "General Public Users" (information for the public), "First Time Company Users" (instructions for new company users), and "First Time ARB and AIR District Users" (instructions for ARB and Air District users). A "Contact Us" section at the bottom left provides phone and email contact information. The bottom right corner features social media icons and links to accessibility, privacy, and condition of use policies. A banner at the bottom center promotes "CALIFORNIA ALL COVID-19 UPDATES".

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](#)
- [RMP R3 Leak Inspection Aid](#)

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.

The 2020 registration and annual reporting period will open January 1, 2021. Deadline for submitting Annual Reports and making the fee payment is March 1, 2021.

All facilities with at minimum one refrigeration system holding more than 50 pounds of a high-GWP refrigerant were required to complete their registration by March 1, 2016.

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

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

CONTACT US

(800) 242-4402 | help@arb.ca.gov
3001 S Street, Sacramento, CA 95834
P.O. Box 2815, Sacramento, CA 95812

CALIFORNIA ALL COVID-19 UPDATES

ACCESSIBILITY
PRIVACY POLICY
CONDITION OF USE
AIR DISTRICT
REGISTER TO VOTE

The California Air Resources Board is one of six boards, departments, and offices under the California Environmental Protection Agency.
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CalPA | CalRecycle | DPR | DTSC | OEHHA | SWRCB

Questions

Helpline

(916) 324-2517

rmp@arb.ca.gov

Website:

<http://arb.ca.gov/rmp>

Refrigerant Registration and
Reporting System (R3)

<https://ssl.arb.ca.gov/rmp-r3/>

