



Refrigerant Management Program

Change to the Refrigerant Registration and
Reporting Tool (R3) - 2020

Agenda

- Overview: Refrigerant Management Program (RMP)
- Overview: Changes Refrigerant Registration and Reporting (R3) System
 - Demonstration
- Final Notes on Uploading Information
- Questions

Commonly Used Terminology

High-GWP Refrigerant – A refrigerant with a global warming potential greater than 150.

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

Refrigeration Systems – Non-air-conditioning High-GWP appliances

- System Sizes
 - Small – more than 50 lbs. but less than 200 lbs.
 - Medium – 200 lbs. or more but less than 2000 lbs.
 - Large – 2000 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.

Retrofit – To change the type of refrigerant.

R3 Application – Website used for reporting under the Refrigerant Management Program

Overview of Regulation

Refrigerant Management Program (RMP) Regulation

RMP Regulation Overview

- In effect since January 1, 2011
- Reduces emissions by implementing best practices through proper maintenance, periodic leak inspections and prompt repair.
- The rule applies to:
 - Owners and/or operators of facilities with a stationary refrigeration system that uses more than 50-pounds of a high-GWP refrigerant.
 - 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:
 - Registration and reporting.
 - Repair of leaks within 14 days of detection.
 - Conducting periodic leak inspections.
 - Keeping records of service and refrigerant transactions.
 - Contractors and technicians to follow required service practices.
- Distributors, Wholesalers, Reclaimers:
 - Keep records of refrigerant transactions.
 - File annual report.

Overview of Changes

Refrigerant Registration and Reporting Tool (R3)

Overview of Updates

1. Minor change to how information is added for Technician Certificate Type
2. Addition of new buttons on Tab 2 – Refrigeration System to make status changes to a refrigeration system:
 - Retrofits
 - Change Charge Size
 - Adding a new system
 - Shutdown
 - Change Equipment Type
 - Change Operational Status
 - Change Temperature Class

Reason for Changes

To help better track changes to compliance statuses and with calculating emissions.

- This is especially important with the Proposed Amendments to Prohibitions on use of Certain Hydrofluorocarbons in Station Refrigeration, Chillers, Aerosols-Propellants, and foam end-uses Regulation.
- There is likely to be an influx of refrigeration system retrofits, change size changes, and the year in which those changes occurred will soon be important.

Technician Information

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")

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

Means By Which Charge : * Amount Determined

Updates to Refrigerant Registration and Reporting Tool (R3)

Demonstration

Final Notes on Uploading Information

Refrigerant Registration and Reporting Tool (R3)

Notes for Filing Annual Reports

For each facility, complete all information for the most current annual reporting year before moving to the next year.

<input type="checkbox"/>	05/07/2020	Rack System #2	R-404A - HP-62, FX...	0.00	Leak Inspection	No	
<input type="checkbox"/>	12/04/2019	Rack System #2	R-404A - HP-62, FX...	0.00	Leak Inspection	No	

- This is especially true for systems that undergo any type of system change (Ex. Retrofit, operation status change, etc.).

When entering service records, input the information in chronological order.

- This greatly reduces the chance that R3 misinterprets the information.

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.

Questions

Helpline

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

Refrigerant Registration and
Reporting System (R3)

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

