

FREON® AND RELATED HCFC REFRIGERANTS: What you need to know.



Who should care?

Any company that has R-22 or any other HCFC refrigerant is affected.

How can we help?

iWorkWise writes Freon Management Plans that enable company personnel to understand what is required of them. These include forms and logs needed to meet regulations appropriate to specific refrigeration systems.

What is required?

Some of the things your company must comply with are:

- ✓ Freon purchasing controls and restrictions
- ✓ Certification of all persons who work on Freon systems
- ✓ Registration of recovery equipment with EPA
- ✓ Prohibition on venting
- ✓ Inventory tracking
- ✓ Leak rate calculations and leak repair
- ✓ Extensive requirements for systems with a charge of over 50 pounds
- ✓ Maintenance records
- ✓ Reclamation and recycling restrictions
- ✓ Equipment disposal records

How much does non-compliance cost?

DATE	COMPANY	COST TO THE COMPANY*
09/04/2013	Safeway	\$4,700,000
04/11/2012	Mar-Cone	\$1,090,000
10/18/2011	Boehringer Ingelheim	\$300,000
09/28/2011	Cedar's Mediterranean Foods	\$108,320
03/23/2011	Preferred Freezer Services	\$75,000
07/15/2010	City of Tacoma	\$525,000

What went wrong for these companies?

- ▲ Failure to prevent excessive leaks of ozone-depleting refrigerants
- ▲ Failure to promptly detect and repair refrigeration units that leak
- ▲ Import of banned refrigerants
- ▲ Violations of testing, notification, retrofitting, replacement and retirement planning requirements for refrigeration equipment
- ▲ Failure to document repairs that were conducted on refrigeration equipment and failure to document that leak repair verification tests had been performed

* For complete information on these, as well as all EPA enforcement actions, go to <http://www.epa.gov/Ozone/enforce/index.html>. Freon is a registered trademark of E.I. du Pont de Nemours and Company or its affiliates.



206-331-4130
www.iworkwise.com

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