

Refrigerant Containing Equipment Registration or Modification Form



Directions:

Provide the specification for each piece of refrigerant containing equipment. Below are examples of data needed for each line. If the circuit is 5 lbs. or less, then you only need to populate lines 1 – 7.

Refrigerant Containing Equipment		
1	Status	Addition, Removal, or Modification
2	Asset # (CMS/Maximo)	Unique id
3	Room #	Provide the official space management room number, not a general location such as mechanical room or basement
4	Description of unit	Chiller, water-cooled, walk-in freezer, Air handling unit, etc.
5	Refrigerant Type	R-134a, R0409A
6	Full Charge per Circuit (lbs.)	If a circuit is equal to or greater than 50 lbs., then we trigger EPA recordkeeping, and the maintenance group needs to make sure any work done in-house or by a contractor is combined into one central location and leak rate calculations are documented.
7	Number of Circuits	
8	Use (EPA definition in directions)	See EPA definitions in table below
9	Manufacturer	
10	Model #	
11	Pressure Rating (Low, Medium, High, or Very-high)	Based on refrigerant type and expertise of engineering firm or refrigerant technician.
12	Leak detection sensors? (Y/N)	Is a sensor present in the area to alert occupants of displacement of oxygen?
Use (EPA definition)		
<p>Comfort cooling means the air-conditioning appliances used to provide cooling in order to control heat and/or humidity in occupied facilities including but not limited to residential, office, and commercial buildings. Comfort cooling appliances include but are not limited to chillers, commercial split systems, and packaged roof-top units.</p>		
<p>Commercial refrigeration means the refrigeration appliances used in the retail food and cold storage warehouse sectors. Retail food appliances include the refrigeration equipment found in supermarkets, convenience stores, restaurants and other food service establishments. Cold storage includes the refrigeration equipment used to store meat, produce, dairy products, and other perishable goods</p>		
<p>Industrial process refrigeration means complex customized appliances that are directly linked to the processes used in, for example, the chemical, pharmaceutical, petrochemical, and manufacturing industries. This sector also includes industrial ice machines, appliances used directly in the generation of electricity, and ice rinks. Where one appliance is used for both industrial process refrigeration and other applications, it will be considered industrial process refrigeration equipment if 50 percent or more of its operating capacity is used for industrial process refrigeration</p>		
<p>Other units - Units which do not fall into the three typical categories of comfort cooling, commercial refrigeration, or industrial process refrigeration.</p>		

Refrigerant Containing Equipment Registration or Modification Form



General Building Information					
Building Code:					
Building Name:					
Address:					
Refrigerant Containing Equipment (Only populate lines 1-6, if it's 5 lbs. or less)					
1	Status				
2	Asset # (CMS/Maximo)				
3	Room #				
4	Description of unit				
5	Refrigerant Type				
6	Full Charge per Circuit (lbs.)				
7	Number of Circuits				
8	Use (EPA definition in directions)				
9	Manufacturer				
10	Model #				
11	Pressure Rating (Low, Medium, High, or Very-high)				
12	Leak detection sensors? (Y/N)				

If there are more than four pieces of refrigerant containing equipment to register, then print this page twice.

Email the completed forms to safety@uchicago.edu with the subject line of “Registration of Title V Equipment.”