

## US EPA’s Mandatory Leak Inspection Regulations

Section 608: CFC and HCFC Refrigerant			Proposed* AIM Act: HFC Refrigerant		
Equipment	Full Charge	Frequency of Leak Inspection	Equipment	Full Charge	Frequency of Leak Inspection
Commercial Refrigeration and IPR**	≥ 500 pounds	Once every three months until the owner/operator can demonstrate that the leak rate has not exceeded the threshold for four quarters in a row.	Commercial Refrigeration and IPR**	≥ 500 pounds	Once every three months until the owner/operator can demonstrate that the leak rate has not exceeded the threshold for four quarters in a row.
	50 to < 500 pounds	Once per calendar year until the owner/operator can demonstrate that the leak rate has not exceeded the threshold for one year		15 to < 500 pounds	Once per calendar year until the owner/operator can demonstrate that the leak rate has not exceeded the threshold for one year
Comfort Cooling	≥ 50 pounds	Once per calendar year until the owner/operator can demonstrate that the leak rate has not exceeded 10% for one year	Comfort Cooling	≥ 15 pounds	Once per calendar year until the owner/operator can demonstrate that the leak rate has not exceeded 10% for one year

## US EPA’s Trigger Leak Rate Thresholds

Equipment Type	Threshold Leak Rate
Commercial Refrigeration Equipment	20%
Industrial Process Equipment**	30%
Comfort Cooling Appliances	10%

\*To be finalized by EPA in summer 2024.

\*\*IPR = industrial process refrigeration, defined as 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.