

Environmental Regulatory Updates –

Thomas S. Webster, III

DuPont Global EHS – Senior Air Consultant

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Objectives and Agenda

Objective – Environmental Regulatory - Updates

This training will focus on the following Environmental Regulatory with regards to:

- 608 Pre-Publication Changes

Rule Summary

- **This rule modifies refrigerant management regulations for substitute refrigerants, such as HFCs.**
- **This does not affect the current requirements for ozone-depleting refrigerants and does not affect the Clean Air Act prohibition on intentionally venting or otherwise knowingly releasing ozone-depleting and non-ozone depleting refrigerant into the environment.**

Rule Summary

Effective 30 days after publication in the *Federal Register*, appliances with 50 or more pounds of substitute refrigerants will no longer be subject to the requirements at 40 CFR 82.157, including:

- Repairing appliances that leak above a certain level and conducting verification tests on repairs;
- Periodically inspecting for leaks;
- Reporting chronically leaking appliances to the EPA;
- Retrofitting or retiring appliances that are not repaired; and
- Maintaining related records.

Rule Summary

The EPA is not rescinding the other refrigerant management provisions that were extended to non-ozone depleting refrigerants, including:

- Anyone purchasing refrigerant for use in a stationary appliance or handling refrigerants (such as air-conditioning and refrigeration service technicians) must be section 608-certified;
- Anyone removing refrigerant from a refrigeration or air-conditioning appliance must evacuate refrigerant to a set level using certified refrigerant recovery equipment before servicing or disposing of the appliance;
- The final disposer (such as scrap recyclers or landfills) of small appliances, like refrigerators and window air conditioners, must ensure and document that refrigerant is recovered; and
- All used refrigerant must be reclaimed to industry purity standards before it can be sold to another appliance owner.

Refrigerants Environmental Data. Ozone Depletion and Global Warming Potential.
(These are EXAMPLE HFC's which would fall out of the requirements of 40 CFR 82.157)

Product information (sorted by Product Type and Name) – Type: HFC

Product (R-Number)	ODP		GWP	
• 23	0	Zero	14800	High
• 32	0	Zero	675	Medium
• 134a	0	Zero	1430	Medium
• 404A	0	Zero	3922	High
• 407A	0	Zero	2107	Medium
• 407C	0	Zero	1774	Medium
• 407F	0	Zero	2088	Medium
• 417A	0	Zero	2346	Medium
• 422A	0	Zero	3143	High
• 422D	0	Zero	2729	High
• 423A	0	Zero	2280	Medium

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Product information (sorted by Product Type and Name) – Type: HFC

Product (R-Number)	ODP		GWP	
424A	0	Zero	2440	Medium
427A	0	Zero	2138	Medium
428A	0	Zero	3607	High
434A	0	Zero	3245	High
437A	0	Zero	1805	Medium
438A	0	Zero	2265	Medium
442A	0	Zero	1888	Medium
507A	0	Zero	3985	High
508B	0	Zero	13396	High
MO89	0	Zero	3805	High