



MOPIA • BULLETIN

LEADERS IN OZONE LAYER & CLIMATE PROTECTION



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Are You Prepared? HFCs are on the Way Out...

Environment and Climate Change Canada (ECCC) has proposed phase-down/out dates for the use of HFCs in various industry sectors. See details at their site: www.ec.gc.ca/ozone/default.asp?lang=En&n=77A94123-1

Canada has been a leader, not only at the United Nations Montreal Protocol forum through a joint Montreal Protocol Amendment with the USA and Mexico, but now with formal proposed phase-down dates for the manufacture of products containing HFCs. This began with the Notice of Intent to develop regulations to control HFCs under CEPA, back in December 2014.

The proposed dates for the restrictions on the manufacture and/or import of products into Canada are shown below:

- Mobile/automotive 2021
- Aerosols 2018
- Foams 2019 & 2021
- Stand Alone Med. Temp. Comm. RAC 2020

HFC Broad Reduction Timeline

Year	Reduction
2019	90%
2024	65%
2030	30%
2036	15%

MOPIA has long been an advocate for the protection of our atmosphere and the globe's fragile climate system. We promoted and raised the issue of HFCs and their affiliated Global Warming Potential (GWP) as well as the discretionary release of HFCs in aerosol containers to many levels of government and the Parties to the Montreal Protocol. MOPIA will continue to advocate for industry and environmental awareness as the next generation of refrigerants continue to emerge from HFOs to natural ones (hydrocarbons, ammonia and CO₂)

Europe along with the USA and certain other nations are also embracing controls on HFCs going forward. HFCs have significant GWPs, upwards of 1000's of times greater than HFOs and natural refrigerants. If left uncontrolled, HFCs are projected to contribute as the greatest single source (45%) towards climate change by 2050. This is due to the projected enormous uptake of A/C and related HVAC/R technology around the world, especially in densely populated developing nations with emerging economies.

Obama Addresses Canadian Parliament and Targets HFCs

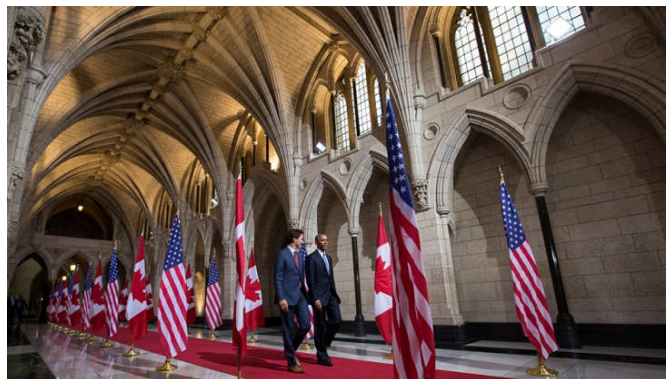


US President Barack Obama visited Ottawa, Canada and addressed Canada's Parliament on June 29. During his speech, he mentioned the importance of the Montreal Protocol and controlling HFCs. President Obama stated:

"And building on the idea that began in Montreal three decades ago, let's finally phase down dangerous HFC greenhouse gases. This is the only planet we've got. And this may be the last shot we've got to save it. And America and Canada are going to need to lead the way. We're going to have to lead the way."

See the US White House Climate Change Plan at:

www.whitehouse.gov/energy/climate-change



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3rd Extraordinary MOP Taking Place in Vienna, Austria



The 37th and 38th Open-Ended Working Group (OEWG) of the Parties to the Montreal Protocol and the 3rd Meeting of the Parties (MOP) is taking place in Vienna, Austria later this month, 15-23rd July.

The Agenda and discussions will be focused on a resolution and a pathway forward for controlling HFCs. There are several proposed amendments for nations to consider from Canada, Mexico and the USA, to the European Union, also India and Island States on addressing potential HFC controls.

Each approach is slightly different but all recognize that HFCs contribute significantly to climate change.

See the meeting amendments and related documents at:

<http://conf.montreal-protocol.org/SitePages/Home.aspx>

Also, follow the conference events at IISDs portal:

<http://climate-1.iisd.org/events/oewg-38-and-exmop-3-to-the-montreal-protocol/>

One Colour Refrigerant Cylinder ID Proposed

Refrigerant cylinders currently come in a variety of colours, based on their composition. However, by 2020 all new cylinders should be consistent in a light green/grey tone. This is a new standard adopted in Guideline N by the Air Conditioning, Heating and Refrigeration Institute (AHRI) based in the USA. This is a voluntary standard but one that is generally embraced by equipment and refrigerant manufacturers.

The reason for the change from multiple colour tanks is that some presume the contents of the refrigerant cylinder based on the colour alone. There is risk in safety and to equipment if the wrong refrigerant is used. In future, technicians will have to verify the contents via an identifier or the label.

www.ahrinet.org/App_Content/ahri/files/Guidelines/AHRI_Guideline_N_2016.pdf

Issued by The Manitoba Ozone Protection Industry Association Inc (MOPIA) Winnipeg, Manitoba, Canada on the 14th July 2016. MOPIA does not take responsibility for errors or omissions and does not endorse products, systems, companies or agencies, but may highlight any of these at our discretion as sources for information purposes only. Credits: Credit: Environment and Climate Change Canada, UNEP Ozone Secretariat, Prime Ministers Office (Canada), AHRI, USA White House Office. Editors are Mark Miller, Lauren Brucks and MOPIA's Excom. Please send us comments & article suggestions at mopia@mymts.net. Think Green, Circulate or Recycle when done!

MOPIA in Russell, Dauphin, Selkirk, Brandon and more...



MOPIA has so far held program awareness sessions across Manitoba in Winkler, Steinbach, Portage la Prairie, Brandon, Winnipeg, Russell and Dauphin.

These sessions are free and include a complimentary light meal and refreshments. Participants hear the latest on international, national and local initiatives including emerging HVAC/R and A/C technologies and trends. MOPIA's new 2016 Compliance Guide was also made available. Many questions and concerns were shared including the use of retail sold top-up (hydrocarbon) refrigerants, white goods management, end use of HFCs, new refrigerants and visible enforcement of The Manitoba ODS and Other Halocarbons Regulation.

MOPIA is continuing these awareness sessions with Selkirk and Winnipeg planned for July and a northern swing in August (Thompson, Flin Flon and The Pas). Just email (mopia@mymts.net) or call us which session you'd like to attend and how many are coming. We look forward to your participation -- tell others who may be interested.

Winnipeg	July 21	Cindy Klassen Rec Centre	12 noon
Thompson	July 23	TBA	
Flin Flon	July 24	TBA	
The Pas	July 24	TBA	

MOPIA plans to do drop-ins in various other locations to ensure stakeholders are up-to-speed and hear concerns. Let us know if you'd like to discuss or share ideas.

Certification Training On-going

MOPIA's next one-day certification class is Thursday, July 14 in Winnipeg and potentially August 10. A Brandon date is being considered if we obtain enough applicants/interest Register by email (mopia@mymts.net) or calling MOPIA at 204.338.2222 / toll free 1.888.667.4203.