



MOPIA • BULLETIN

LEADERS IN OZONE LAYER & CLIMATE PROTECTION



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Proposed Regulation Amendments – Federal HFC Phasedown -



This past October, Parties to **The Montreal Protocol**, the world's most successful environmental treaty, met in Rwanda and agreed to control hydrofluorocarbons (HFCs) globally as they are potent greenhouse gases.

Canada, as such, is proposing to amend our current Regulations to include an HFC phasedown. The Ozone-Depleting Substances and Halocarbon Alternatives Regulations (proposed Regulations) were published in Part I of the Canada Gazette November 26, 2016 and include a 75-day public comment period. View them via this link:

www.gazette.gc.ca/rp-pr/p1/2016/2016-11-26/html/reg1-eng.php

The proposed federal Regulations would establish controls on HFCs by combining an HFC consumption phasedown with controls on specific products that contain HFCs, including air conditioning and refrigeration equipment, foams, and aerosols. The deadline for the public comment period is February 8, 2017. The changes will better ensure Canada meets its international obligations under the Kigali Amendment and the Montreal Protocol. In March 2016, a ECCC Consultation Document "Regulatory Proposal For The Phase-Down of Hydrofluorocarbons" was issued. Since then, the Kigali Amendment was adopted and so the baseline formula and reduction schedule needs to be adjusted for the domestic baseline formula and reduction schedule for HFC consumption so that the domestic phase-down is aligned with the Kigali Amendment.

MOPIA will evaluate how best to facilitate the phase-down and use of HFCs in terms of an approach with the HVAC/R and other affected industry sectors under Manitoba's Regulation (MR 103/94). This will likely include awareness for industry (i.e. new refrigerants and equipment, technician training) and the public, as well as, compliance enforcement. More works needs to be done going forward locally and internationally with the imminent phase-down and ultimate phase-out of all HFCs.

See details of the 28th Meeting of the Parties (MOP) at:

<http://ozone.unep.org/en/information-material>

www.iisd.ca/ozone/resumed-owwg38-mop28/

2017 Company SD Permit Renewals Due Now



If your company imports into the province or purchases regulated products (anything attached to the closed refrigerant loop) or any regulated refrigerants (i.e. HCFCs, HFCs), your company should have a Secondary Distributor (SD) Permit. The SD Permit allows your company to purchase, import and have in possession regulated products.

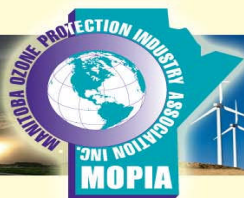
There are over 450 companies in Manitoba that typically have the annual permit issued through MOPIA. The cost is \$50 as specified in the Manitoba ODS and Other Halocarbons Regulation 103é94.

Companies that should have the permit include all wholesalers, distributors, auto dealers, ag implement dealers and the various air conditioning and refrigeration companies.

Let us know if you need more details or would like to apply for a 2017 SD Permit or visit our website for the application.

Company Service Directory & Map

MOPIA has developed a new and emerging company service directory and you may want to be part of it! Include your company and service capabilities on our website service directory map. MOPIA gets inquiries all the time from the public on who can service air conditioning in all parts of Manitoba. This is your chance to be listed as a contact. The listing is free and is active 24-7. Visit MOPIA's website and input your company details as a resource for others to locate. Be Part of this new stakeholder's directory.



MOPIA.CA

COP 22 Climate Change Meetings in Morocco

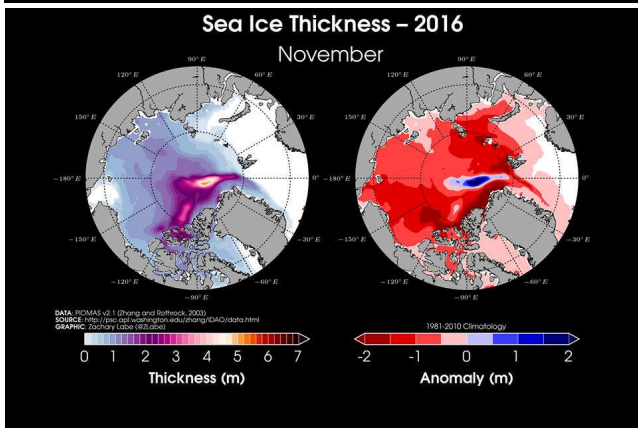


Chart via @ZLabe, Zachary Labe, PhD student, Department of Earth System Science, University of California, Irvine.

The **Paris Climate Change Agreement** entered into force on November 4, 2016 having enough countries ratifying the agreement in local parliaments. The 22nd Session of the Conference of the Parties (COP 22) and the 12th Session of the Conference of the Parties serving as the Meeting of the Parties to the Kyoto Protocol took place in Marrakech, Morocco November 7-18.

COP 22 focused on water scarcity issues among other climate related concerns. COP 23 is scheduled for November 2017 in Bonn, Germany.

See details of COP 22 via:

http://unfccc.int/meetings/marrakech_nov_2016/meeting/9567.php

www.iisd.ca/climate/cop22/enb/

Manitobas GHG Profile

Our province has a significant geographic footprint. Larger in physical size than some European and Middle east countries, Manitobas economic engine is largely focused on agriculture and transportation.

Climate Change Connection, a local non-government organization has profiled many of our provinces greenhouse gas (GHG) characteristics. See these at: www.climatechangeconnection.org



\$225,000 Fine to a Canadian Company



A Canadian firm (CRC Canada Co) was recently fined \$225,000 for importing and selling a prohibited HCFC (225) in aerosol products. They pleaded guilty of contravening the Ozone-Depleting Substances Regulations, 1998 under the Canadian Environmental Protection Act, 1999 (CEPA).

The Intelligence Division (Enforcement Branch) of Environment & Climate Change Canada (ECCC) led the investigation which uncovered the violations.

As this company was convicted, they will be added to the government's Environmental Offenders Registry. See this registry at the following link:

www.ec.gc.ca/alef-ewe/default.asp?lang=En&n=1F014378-1

For more details on this environmental violation see:

www.ec.gc.ca/alef-ewe/default.asp?lang=En&n=862B912E-1

HFCs Controlled

Below are the HFCs controlled under the Kigali Amendment to the Montreal Protocol that will see a phase-down in their use over time including here in Canada.

<http://news.gc.ca/web/article-en.do?nid=1138389&tp=1>

	SUBSTANCE	SYNONYM	100-Year Global Warming Potential
Group I			
1	CHF ₂ CHF ₂	HFC-134	1,100
2	CH ₂ FCF ₃	HFC-134a	1,430
3	CH ₂ FCHF ₂	HFC-143	353
4	CHF ₂ CH ₂ CF ₃	HFC-245fa	1,030
5	CF ₃ CH ₂ CF ₂ CH ₃	HFC-365mfc	794
6	CF ₃ CHFCF ₃	HFC-227ea	3,220
7	CH ₂ FCF ₂ CF ₃	HFC-236cb	1,340
8	CHF ₂ CHFCF ₃	HFC-236ea	1,370
9	CF ₃ CH ₂ CF ₃	HFC-236fa	9,810
10	CH ₂ FCF ₂ CHF ₂	HFC-245ca	693
11	CF ₃ CHFCF ₂ CF ₃	HFC-43-10mee	1,640
12	CH ₂ F ₂	HFC-32	675
13	CH ₂ CF ₃	HFC-125	3,500
14	CH ₃ CF ₃	HFC-143a	4,470
15	CH ₃ F	HFC-41	92
16	CH ₂ FCH ₂ F	HFC-152	53
17	CH ₃ CHF ₂	HFC-152a	124
Group II			
18	CHF ₃	HFC-23	14,800