



# MOPIA • BULLETIN

LEADERS IN OZONE LAYER & CLIMATE PROTECTION



## You're Invited to Hear & Provide Input at a MOPIA Session



Did you know HFC production, including refrigerant R134a, will be phased-down – with manufacturing restrictions! Manitoba's ODS and Other Halocarbons Regulation 103/94 may also need to change. MOPIA is seeking your input. So come out to hear about these and other new developments! Your input is important and encouraged....

MOPIA has begun hosting a series of program awareness sessions across Manitoba and attendance has been strong in events held in Steinbach and Winkler (above), so far.

Plan to attend, as the sessions(s) are free, convenient and include a light meal, as well as, the latest information. We also want to hear any concerns or suggestions you or your co-workers may have. How can MOPIA do things better? Is more enforcement required? What loopholes exist? Should the Regulation include new products and/or less red tape? This is your opportunity to influence change.

Let us know you are coming so we order enough food, via email, phone or faxing us the registration form. It's that easy! Visit our website for the latest dates and locations – which are also listed (subject to change) below:

Selkirk	June 14 at noon	Canalta Inn
Portage la Prairie	June 18 at noon	Super 8
Brandon	June 19 at noon	ACC Len Evans Ctr
Swan River	June 20 at noon	Super 8
Dauphin	June 21 at noon	Super 8
Winnipeg	June 26 at noon	Cindy Klassen Rec Ctr
Lac du Bonnet	June 27 at noon	Caseys
Gimli	June 28 at noon	Lakeview Inn

We hope to see you there!!

## Polar Bears sweating as Manitoba's Town of Churchill Hails as Canada's Hotspot



Northern lights, Beluga whales and Polar bears, these are some of the unique attractions of the town of Churchill, Manitoba. Cold winters and frozen ice on Hudson's Bay near the top of the planet are other characteristics.

But on Monday, June 11, the town hit records for something beyond the number of polar bears wondering the coastline, heat!

Environment Canada recorded a high temperature of just over 32C and the hotspot for Canada that day! Unusual for this town and statistically breaking a 68 year record.

Climate change is happening and can be seen most dramatically in northern communities where they depend on the seasonal variations for hunting and animal migration. Some northern communities have the permafrost melting and buildings are collapsing sinking into the ground or shorelines. See below...



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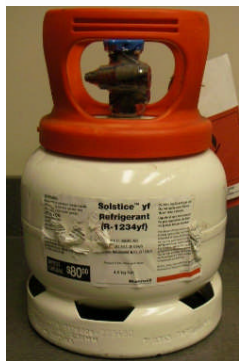
# MANITOBA OZONE PROTECTION INDUSTRY ASSOCIATION

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## HFO 1234yf Refrigerant Hard to Obtain



One of the next generation of refrigerants, replacing refrigerants including HFC 134a, primarily in automotive air conditioning, is very hard to obtain/purchase, at present. Many auto dealerships have reported the inability to obtain enough refrigerant to service even warranty work on newer vehicles with HFO 1234yf. MOPIA is seeking details on this supply chain glitch and will post details on our website when determined.



## Canada Mandates Deadlines for various HFC Refrigerants

Milestone amendments to Canada's Ozone-depleting Substances and Halocarbons Alternatives Regulation were recently made effective - first introduced by Environment and Climate Change Canada.

How do these new regulatory requirements affect you?

Well, all new automobile air conditioning systems beginning in 2021 whether manufactured in or imported into Canada must have a refrigerant gas other than a HFC and one that has a global warming potential (GWP) of less than 150. In a nutshell, HFC 134a will not be permitted. You may require new recovery equipment and become knowledgeable about the characteristics of HFO's such as HFO 1234yf.

For the RAC, foam and aerosol sectors, new requirements and limits have also been introduced.

Canada is committed to phasing down the use of HFCs beginning in 2019 and beyond. This is in harmony with the international momentum of the Kigali Amendment of the Montreal Protocol to ratchet down the global production and use of high GWP HFCs.

See:

<https://www.ec.gc.ca/ozone/default.asp?lang=En&n=24B589A5-1>

<http://www.gazette.gc.ca/rp-pr/p2/2017/2017-10-18/html/sor-dors216-eng.php>

## Become Known Across Manitoba



MOPIA's website is a resource for consumers looking for all sorts of air conditioning and refrigeration services.

People commonly seek who is available to service residential A/C, car or farm tractor A/C, service white goods and other services.

Include your business, its free to register. See: <http://mopia.ca/directory/>

## Resource Corner

Government of Manitoba  
Manitoba Sustainable Development ODS Act/Regulation  
<http://web2.gov.mb.ca/laws/regs/annual/2005/178.pdf>  
<https://www.gov.mb.ca/sd/envprograms/index.html>

NASA Ozone Watch & Ozone Home Page  
<https://ozonewatch.gsfc.nasa.gov/>  
<https://www.nasa.gov/ozone>

International Institute of Sustainable Development  
[www.iisd.org](http://www.iisd.org)

International Institute of Refrigeration  
<http://iifir.org/medias/medias.aspx?instance=EXPLOITATION&SETLANGUAGE=EN>

United Nations Environment Programme "OzoNews"  
<http://web.unep.org/ozonaction/>

Environment & Climate Change Canada - Enforcement Notifications  
[www.ec.gc.ca/alef-ewe/default.asp?lang=En&n=8F711F37-1](http://www.ec.gc.ca/alef-ewe/default.asp?lang=En&n=8F711F37-1)

## Next Certification Training Classes are in Brandon, The Pas and Winnipeg



MOPIA will be hosting our next one-day certification class on Tuesday, June 19 in Brandon, Saturday, June 23 in Winnipeg at Red River College and coming soon to The Pas.

Participants must register in advance by contacting MOPIA. The cost of participating is \$185 per student.

The class typically runs from 8 am – 6 pm with an exam.

Issued by The Manitoba Ozone Protection Industry Association Inc (MOPIA) Winnipeg, Manitoba, Canada on the 14<sup>th</sup> June 2018. 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: Environment and Climate Change Canada, The Town of Churchill, Genoa deBruin (photo). Editors are Mark Miller, Laura Bjornson, Genoa deBruin and MOPIA's ExCom. Please send us comments & article suggestions at [mopia@mymts.net](mailto:mopia@mymts.net). Think Green, Circulate or Recycle when done!