



Manitoba

# MOPIA

Reach us at:

1980-B Main Street

Winnipeg, Manitoba, Canada R2V 2B6

Email: [mopia@mts.net](mailto:mopia@mts.net) [www.mopia.ca](http://www.mopia.ca) 1.888.667.4203



## Stratospheric Ozone Layer & Atmosphere Protection

MOPIA's Monthly E-Bulletin for our Subscription Members and Select Stakeholders

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### Attend a MOPIA Outreach Session

You are invited to attend one of MOPIA's industry awareness sessions. The events will take place across Manitoba and are aimed at our stakeholders who use, purchase and handle refrigerants.

The events are free and will include information packed into an hour long PowerPoint session. Learn about your regulatory obligations, new and emerging refrigerants and industry technologies. MOPIA officials will be present to answer questions and hear your concerns.

Register early to reserve a seat. Email MOPIA your name and location selection. Seats may be limited at venues.

Winnipeg (Viscount Gort)	June 7	7:45 am
Thompson	June 8	12 noon
The Pas/Flin Flon	June 9	12 noon
Neepawa	June 13	12 noon
Dauphin	June 14	12 noon
Brandon	June 15	12 noon
Morris	July 12	12 noon
Selkirk	July 13	12 noon
Winkler	July 14	12 noon
Steinbach	July 21	12 noon

All locations will be confirmed by email to those registered and posted on our website. Obtain your registration form at our website or by contacting us. A registration form was also just mailed to our members. Hope to see you there!



### Refrigerant HFO 1234yf coming

Refrigerant HFO 1234yf is emerging as one of the most popular and next generation refrigerants particularly for the mobile/automotive sectors. It has a low global warming potential (GWP) of 4, meeting the requirements of the European mandate of below 150.

Certain auto manufacturers plan to introduce the new refrigerant in various new autos as early as 2013 in North America. New hose connections and recovery will be required for HFO 1234yf. See: [www.epa.gov/cpd/mac/10.05%20am%20Koban%20and%20DeGuisseppi.pdf](http://www.epa.gov/cpd/mac/10.05%20am%20Koban%20and%20DeGuisseppi.pdf)

While the debate over the right options to replace HFC 134a is not over, the drive to do it is happening since HFC 134a has a high GWP (1,400) and an atmospheric lifetime of over 13 years. Not sustainable over time.

See: [http://media.gm.com/content/media/us/en/news/news\\_detail.brand\\_gm.html/content/Pages/news/us/en/2010/July/0723\\_rfrigerant](http://media.gm.com/content/media/us/en/news/news_detail.brand_gm.html/content/Pages/news/us/en/2010/July/0723_rfrigerant)

### Geothermal AGM & Public Forum



The Manitoba Geothermal Energy Alliance (MGEA) will be hosting their Annual General Meeting (AGM) on Monday, May 30 in Winnipeg at the Victoria Inn (near the airport).

The event will include a variety of technical information sessions during the day, including MOPIA's Chair, George Kurowski, speaking on alternative refrigerants in the geothermal sector.

An evening (free) public forum will take place at 7 pm. The event will include various for-profit enterprises showcasing aspects of the geothermal industry.

For more details on the MGEA's Annual General Meeting, please visit: [www.mgea.ca](http://www.mgea.ca)

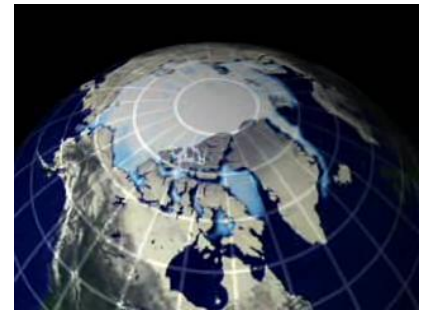


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## Next One-day Training Session

MOPIA continues to offer the one-day environmental and regulation awareness certification training class.

If you know someone who may be interested or plans to handle regulated products (i.e. refrigerant or parts), they should sign-up to take a future class. Obtain the training registration form from our website at: [www.mopia.ca](http://www.mopia.ca) or by calling or emailing MOPIA. The next all-day class is tentatively scheduled for Wednesday, May 25 in Winnipeg. The current cost of the class is \$175 (plus tax). MOPIA's training program is among the most current and affordable in North America.

All persons working with regulated refrigerants in Manitoba must maintain a valid certification card issued through MOPIA. These include HCFCs and HFC's, including HFC 134a.

Also note, MOPIA is looking into web based training options. We want to be on the leading edge of providing the best knowledge and information to our stakeholders.



## Report Leaks over 22 lbs / 10 kgs

Reminder: Anytime there is a refrigerant leak found to be over 10kgs/22lbs at a work site, from a piece of equipment or elsewhere, it must be reported by completing a "Leak Report Form" available from MOPIA (on our website). Details of the leak must be recorded and submitted to Manitoba Conservation as soon as it is detected.

It is advisable to report these leaks within 24 hours. If you have any questions, please contact MOPIA or Manitoba Conservation at :

[www.gov.mb.ca/conservation/pollutionprevention/ods/index.html](http://www.gov.mb.ca/conservation/pollutionprevention/ods/index.html)



## Certification Renewals Sent-Out Due / Renew before June 1

The 2011-2012 certification renewal season is upon us - already. All 2010-11 certification cards expire on JUNE 1<sup>st</sup>.

MOPIA sent out renewal forms to some 6,000 individuals just last week. If you haven't received yours you can obtain it on our website or by contacting MOPIA directly via email or phone.

The 2011-2012 renewal fee (\$25) remains unchanged once again. MOPIA also offers a monthly E-Bulletin subscription and/or voting membership for those interested. Take advantage of these options to hear the latest. MOPIA is among the most engaged and active organizations in refrigerant and atmosphere awareness in the world. Renewals can be paid by cheque, money order, credit card(s), debit (in-person) or by cash (in-person).

Upon renewal, a new wallet size certification card will be issued to all persons beginning very shortly. Certification renewal is mandatory for anyone purchasing or working directly with regulated refrigerants. Persons who miss renewing may be obligated to re-enroll into a training session or risk significant penalties under the Manitoba Ozone Depleting Substances and Other Halocarbons Act.

If you have any questions, please do not hesitate to contact MOPIA.



## Recent UV Levels

In early May (10<sup>th</sup>), Environment Canada's UV forecasts for various cities ranged from -- Banff and Cranbrook at 8 to Thompson 2 and Winnipeg at 3. Levels change daily. See:

[www.weatheroffice.gc.ca/forecast/textforecast\\_e.html?Bulletin=fpcn48.cwao](http://www.weatheroffice.gc.ca/forecast/textforecast_e.html?Bulletin=fpcn48.cwao)