



Manitoba

MOPIA

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Stratospheric Ozone Layer & Atmosphere Protection

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

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CO2 Heat Pumps Introduced



Among the first SANYO air-source, carbon dioxide-based heat pumps has been installed and is being tested for its "seasonal performance factor" (SPF) at the Centre for Alternative Technology (CAT).

This is a unique installation, as it is one of only a few in operation. The goal is to demonstrate the technological and energy efficiency gains available with CO₂ heat pumps. (visit: www.cat.org/uk or www.r744.com)

It is believed that CO₂ heat pumps have a major environmental advantage over other vapour compression heat pumps that use potent greenhouse gases as refrigerants including HFC's.

MOPIA's 17th AGM – March 14

MOPIA's 17th Annual General Meeting (AGM) will be held in Winnipeg on Monday, March 14. All MOPIA stakeholders are welcome to attend. Hear program details including our Annual and Financial reports, the election of members to our Board and related corporate business.

Any MOPIA "steward" member may be nominated to our Board of Directors. At present, we are keenly seeking representatives from the agriculture and truck transport sectors. Contact MOPIA for details or a nomination form.

There is no cost to attend and refreshments will be provided. So, plan to share in our success!

Location: Red River College
Room A1-37
2055 Notre Dame Ave.
Winnipeg, Manitoba, Canada

Time: 7:15 PM – 9 PM

MOPIA to Speak at BEMM

MOPIA's Chair and Executive Director will be speaking at the next meeting of Building Better Management Manitoba (BEMM) in Winnipeg February 17 at noon. They will be highlighting global warming/ozone depletion and speaking on the contributing solutions to the next generation for those in the refrigeration and air conditioning sectors.

BEMM hosts a series of Building Blocks Luncheons throughout the year with a variety of interesting speakers. Last month was focused on geothermal energy and included Mr. Ed Lorenz of GeoXergy. For more info or to register contact www.bemm.ca

MOPIA Speaks at Environment Canada Halocarbon Session

Environment Canada hosted a one-day information session in Winnipeg (January 18, 2011) regarding the Federal Halocarbon Regulations (FHR 2003). Participants included company Environmental Coordinators, facility maintenance and building management operators, supervisory staff, HVAC contractors, consultants and service technicians working on refrigeration and air-conditioning systems or halon fire-extinguishing systems at federal facilities.

MOPIA's Chair, George Kurowski and Mark Miller (Executive Director) also presented an overview of information on Manitoba's regulatory approach. They also highlighted technology advances and approaches that will affect industry in the years to come, including the introduction of alternative, climate friendly refrigerants.

The event also included a presentation by a federal environment enforcement officer, Mr. David Syzek. Environment Canada's Environmental Protection Branch is located at 123 Main Street in Winnipeg (Via Rail Station). For enforcement matters/questions, individuals should contact him directly at 204.984.2955.

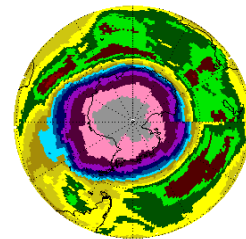


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Secondary Distributor Permit Renewals Due

A final reminder to those who require a Secondary Distributor (SD) Permit for 2011. Over 350 companies have already renewed and have received their new 2011 SD Permit.

SD Permits are required for companies that purchase, import or acquire regulated refrigerants (i.e. HCFCs, HFCs) or parts into the province. Virtually all wholesalers, auto dealers and repair facilities, agriculture, manufacturing and refrigeration companies may require this annually renewable permit. This permit ensures only SD recognized companies are able to access and acquire regulated refrigerants and parts. Penalties under the Manitoba ODS Act exist for anyone that is out of compliance.

The SD permit is valid beginning January 1 – December 31 each year. The permit fee for 2011 is unchanged at \$50. Payment may be made by cheque, cash or for the first time ever, Visa, Mastercard or even debit (in-person) at MOPIA.

If you have any questions regarding the permit, please contact MOPIA directly. We are here to encourage and strengthen your compliance understanding and knowledge.

Next MOPIA Training – Feb 23

MOPIA continues to offer our 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. Our next all-day class will happen on Wednesday, February 23 in Winnipeg.

All persons working with regulated refrigerants in Manitoba must maintain valid certification. Certification renewals (not retraining) are required annually beginning June 1 or each year.

Join us on our facebook group



Join MOPIA's facebook group. It's an excellent resource for internet links, upcoming meetings and group discussions.

If you have a link for MOPIA to add, email us at mopia@mts.net

A Message from MOPIA's Chair



United Laboratories (UL) have been involved with HVAC and appliance standards development worldwide. UL is now working with a group of equipment manufacturers and retailers in the North American A/C and Refrigeration industry intent on meeting the technical challenge of introducing Hydrocarbon refrigerant applications to the North American consumer and commercial appliance market.

One motivating factor is the September 2010 U.S. Department of Energy standard proposal that calls for a 25% residential refrigerator and freezer energy use reduction. The energy efficiency appeal of these various flammable refrigerants also extends to Heat Pump System based applications for Domestic Hot Water heating Dehumidifying Clothes Dryers. One of these new refrigerants is HFO1234yf, based on Fluorinated Propane, newly reclassified as an A2L, since the burning velocity is less than 10 CM/Second. Yet another formulated blend HCR-188C is composed of Propane, IsoButane, Ethane, and Pentane. These refrigerants offer Zero "O" Ozone Depletion, and a GWP of less than Four "4", compared to HFC-134A GWP=1430. For more information, download the 19 page, **UL White Paper: Revisiting Flammable Refrigerants** @ www.hydrocarbons21.com

Quick Update - MOPIA's Board

MOPIA's Board is composed of various environment and halocarbon industry stakeholders. They include representatives from various companies and non-government organizations.

As a result of their meeting (held January 24 in Winnipeg), MOPIA's Board will be requesting a meeting with Manitoba's Minister of Conservation and other officials from his department to further advance the implementation of key amendments to Manitoba ODS and Other Halocarbons Regulation. In addition, the Board received our Auditor's Report for 2009/10 which will be presented to our membership at our 17th AGM (March 14).

MOPIA's Board was enlightened regarding the recent restriction by a British Columbia municipality on sun bed use by anyone under the age of 18. This is a position MOPIA has been an advocate for and is eager to see adopted throughout Canada and elsewhere.

Keeping our members informed!!