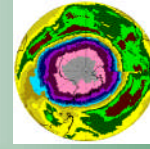
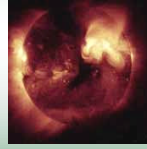




MOPIA's Monthly E-Bulletin on Ozone Layer Protection



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LEED Buildings and CFCs

Leadership in Energy and Environmental Design (LEED) is a consensus based standard, which is applied to the development of highly sustainable buildings. In Canada, LEED is sponsored by the Canada Green Building Council (CaGBC), which is a not-for-profit Corporation and includes a number of representatives from the building design and construction industry. LEED consists of an explicit number of performance criteria, which are organized within five key categories and highlight: Sustainable Sites, Water Efficiency, Energy and Atmosphere, Materials and Resources, and Indoor Environmental Quality. Each category has a number of mandatory requirements (prerequisites) and voluntary credits, which are needed for certification (a total of 70 points and four certification categories: Certified, Silver, Gold, and Platinum).

A prerequisite within the Energy and Atmosphere section is the reduction of CFC's in HVAC and refrigeration equipment and the elimination of Halons – with the intent of reducing or eliminating ozone depletion. It is required that all new buildings use no CFC-based refrigerants in HVAC systems and that halons will not be used in fire suppression systems. When remodeling older buildings, a comprehensive CFC phase-out conversion plan must be implemented. This includes identifying all equipment that may use CFC's (i.e. chillers, heat-pumps, etc.) and adopt a replacement schedule for these refrigerants.

There is also an optional credit for ozone protection, which intends to reduce ozone depletion by complying with the Montreal Protocol. This looks at installing HVAC and refrigeration equipment that does not contain any HCFC's. It is suggested that when remodeling older buildings, all refrigerant and fire suppression chemicals that contain HCFC's should be replaced and when constructing new buildings, use only refrigerants and fire suppression systems that are HCFC free.

See: www.usgbc.org
www.cagbc.org

MOPIA's 13th AGM

Plan to attend MOPIA's 13th Annual General Meeting (AGM) in Winnipeg, on Monday, February 12th, 2007. The AGM will be held at Red River College beginning at 7:15 pm. There is no cost to attend!

The AGM is our annual event where our financial information (including audit) is reported, programs are highlighted and persons become confirmed by our voting membership on our volunteer based, Board of Directors.

In the meantime, if you are interested in becoming active on MOPIA's Board of Directors, you are encouraged to complete and submit a Board nomination registration. These can be obtained by contacting Sarah at MOPIA (sarah@mopia.ca); or by calling her at 204-338-0804; or by downloading the nomination form on-line at mopia.ca

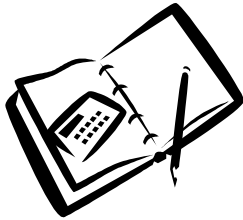


Last years AGM was also held at Red River College. It was a success with some sixty people attending the workshop on ODS regulation information held immediately prior to the AGM. It was a preview to what MOPIA had in store for the hundreds of people who attended our ODS awareness sessions across Manitoba in 2006.



Keeping our members informed!!

Refrigerant and Halon Use Records are Due Now!!



As part of your certification, you are required to maintain records on the use of all regulated products (i.e. refrigerants and halons). You are also required to submit records on an annual basis to MOPIA. We will require a copy of your ODS use for all of 2006 prior to February 1, 2007.

If you require assistance in how to maintain or compile these records, contact MOPIA. We do on-site visits and presentations to companies, large or small, Remember, record keeping is an important component of your certification.

Did you know that virtually all refrigerant manufactured can be tracked throughout its lifespan to its final destiny. Manufacturers and wholesalers must document the flow of stock. So in fact, it can be traced right down to your doorstep. There are many purposes for the paper trail, including tracking the import and export, and to better ensure the product is being used for its intended purpose and if not, that prosecution can potentially take place.

REPORT TO MOPIA: It is just as important to report (to MOPIA) that you have not used any regulated refrigerant (or halon) in a given year than if you have. MOPIA is obligated to maintain your use (or no-use) records on-file. There are no penalties if you have not used any refrigerant or halons while you still maintain your certification – so just let us know (by email if you wish).

DID YOU KNOW: MOPIA logs who has submitted use records. Those who do not report or submit records are contravening the ODS and Other Halocarbons Regulation 103/94 and are liable for penalties

If you require a copy of the standard prototype use record sheet, contact MOPIA or download one on-line from mopia.ca

Computer based record data management programs and other log books can be sources from private sources. These types of record data systems are often useful, handy and efficient, but are not mandatory.

Climate Change – The Pressure to Act is Heating Up Globally!

One may wonder why MOPIA or our stakeholders should be concerned about climate change, but there are several reasons for this.

First, there are linkages between ozone depletion and climate change which the United Nations authorities, other scholars and sources have clearly defined.

Secondly, many ozone depleting substances and their common use alternatives have a (100 year) global warming potential (GWP). These can be significant (CFC-12 at 10,600, or CFC-11 at 4,680). Carbon dioxide has a GWP of 1 (one) as a basis.

HCFC 123 = 120	Halon 1301 = 6,900
HCFC 22 = 1,700	HCFC 141b = 700
HFC 134a = 1,300 GWP	HFC 245fa = 1,020

Third, the Intergovernmental Panel on Climate Change (IPCC) will be issuing their report on climate change “Climate Change 2007” in the weeks to come. The report is expected to detail the imminent threat of climate change if the Kyoto Protocol is not taken seriously.

Further, a NASA Scientist James E. Hansen said at an annual gathering of meteorologists that unless international efforts are launched within the next 10 years, global warming will eliminate animal species and the Earth will be much less habitable by the end of the century.

Hansen said that if greenhouse gas emissions continue at the rate they’ve been at for the past three decades, the warming during this century would eliminate up to half the animal species on the planet, and melt polar ice caps. Rising ocean levels would inundate Florida, most of Louisiana, and much of the East Coast. See: www.dailynews.com/ci_4989713

On the local front: Canada’s minority federal government is faced with intense pressure to address climate change. A recent cabinet portfolio change includes a new Environment Minister, Jim Baird.

Canada’s Opposition parties are threatening to defeat the government and force an election if the Harper Government does not take serious action on climate change, as early as February or March 2007!!



Reach us at:

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