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The Air Conditioning, Heating and Refrigerating Expo took place at the Dallas Convention Centre in late January. Some 51,000 people attending with the latest technologies and equipment displayed by some 1,951 companies. Next years AHR Expo event takes place in New York City (January 21-23, 2014).

http://www.ahrexpo.com/ http://www.r744.com/news/view/3848

Climate Change Evident in Costa Rica – Coffee Beans to Monkeys



While on vacation in Costa Rica earlier this month, Mark Miller spoke with locals about the impact of climate change and how it was affecting them.

First off, the government has taken strong action to protect its environment and lands locally. These include high tariffs on gas and oil.



Costa Rica relies on geothermal, hydro, wind and solar energy production domestically. Garbage is composted and recyclables managed. Water is reused and renewable products mandated. Development is highly regulated.

The dry season has come a month earlier and average temperatures have risen.

The entire eco-system has been impacted including butterflies, monkeys, agr. crops, and migratory patterns.

Plan to Attend MOPIA's 19th AGM



MOPIA's 19th Annual General Meeting will be on Monday, April 22 in Winnipeg beginning at 7:15 pm at MacDon Industries theatre 590 Moray Street.

Come hear reports from our Officers including past financial performance data, (2011-12 Audit) and program accomplishments and challenges.

The meeting is open to all our members and there is no cost to attend. We ask that you pre-register to ensure we have enough refreshments. Just send us an email (mopia@mts.net) or call confirming your attendance. Hope to see you there!

Doug Alexander, MOPIA's Chair, pictured above.

MOPIA issues Halon Alternatives and a Regulated Products Bulletin

One of MOPIA's goals is to provide industry and our stakeholders easy to understand REGULATORY information via our one to two page Bulletins. These past few weeks we focused on the auto and fire protection sectors, creating new Bulletins to lay out the latest information. See: www.mopia.ca

Our fire protection Bulletin highlighted common halon fire protection alternatives and that alternatives that contain HFC's are regulated. Our second Bulletin updated the status of HFO1234yf and the illegal sale of refrigerants.



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Hydrocarbon Training by RSES

The Refrigeration Service Engineers Society (RSES) has introduced a hydrocarbon training program that includes a certificate.

This has evolved as the US EPA recently recognized and approved the use of hydrocarbons in the use of certain air conditioning and/or refrigeration systems. Hydrocarbons are gaining global acceptance but part of that must include the competency of technicians working with these refrigerants. They do have different characteristics that HFC's and HCFC's that must be understood for safety, health and system performance elements.

Hydrocarbons have significant environmental pros in comparison with HFC refrigerants, but are potentially flammable and must be handled properly to mitigate these potential risks.

To see more details on the Hydrocarbon Refrigerants study guide, please contact RSES by visiting: <u>www.rses.org/store</u>

http://www.rses.org/news/article.aspx?ArticleId=240

Feb. 21 - Certification Training

MOPIA continues to offer certification training classes. We are hosting a class on Thursday, February 21 in Winnipeg and will set dates for March and April soon. Watch our website as new dates will be posted. You must register in advance and the cost for participating in a class is \$175 (includes the \$25 certification fee). For those in rural areas that can not physically attend where we typically offer classes, you may qualify to do a self-study version. Also note, MOPIA is also investigating the opportunity to offer future on-line training.

Upcoming Events

BEMM Luncheon - Geothermal Heat Exchangers 15 February 2013 – Victoria Inn, Wpg., MB For info or to register visit: <u>www.bemm.ca</u>

RSES Manitoba Chapter – Boilers & Boiler Safety 6 March 2013 – offered on-line live or in-person in Wpg. For info contact: <u>custom@customvac.mb.ca</u>

Seeking a HVAC Technician

Refrigeration & HVAC Technician

MM3 Maintenance Tradesperson 3 Regular/full-time Manitoba Infrastructure and Transportation Operations, District 4, Accommodation Services Division The Pas MB Advertisement Number: 26647 Salary(s): MM3 \$52,904.00 - \$62,651.00 per year + remoteness allowance Closing Date: February 19, 2013

An eligibility list may be created for similar positions and will remain in effect for 12 months. A satisfactory Criminal Record Check and Child Abuse Registry Check are conditions of employment.

Qualifications: The successful candidate must have several years experience in building HVAC, chillers and associated controls such as DDC and pneumatic controls and actuators and working on a wide variety of refrigeration and air conditioning systems. Excellent interpersonal communication skills are essential. The ability to work in a team environment is essential. The candidate must have excellent decision making skills.

The following are conditions of employment: Must possess a valid Class 5 drivers licence; Interprovincial RED SEAL Journeyman Refrigeration and Air Conditioning Mechanic Certificate and a minimum Class M (Refrigeration only) Electrician's Licence. Must have a valid ODS and Other Halocarbons Awareness Training Certification Card. Must have a satisfactory Criminal Record Check and Child Abuse Registry Check. Must have the ability to travel within the district with occasional overnight stays; must be able to work outdoors and overtime, shift work and weekends; must be physically capable of performing the required activities of the position including working in a secure (correctional) environment.

Duties: Reporting to the Maintenance Resource Manager, the incumbent will be responsible for maintenance, repairs and modification to existing and the installation of new refrigeration and HVAC equipment and controls in all Government owned and leased properties in District 4 to ensure maximum efficiently, client comfort and effective energy management.

> Apply to: Advertisement # 26647 Civil Service Commission Human Resource Services 300-305 Broadway Winnipeg, MB, R3C 3J7 Fax: 204-948-4699 Email: govjobs@gov.mb.ca

