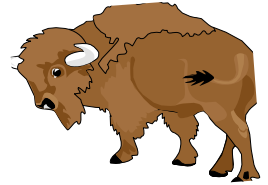




BUFFALO TALES

Newsletter of the Manitoba Chapter

The Manitoba Chapter of the American Society of Heating, Refrigerating and Air Conditioning Engineers was chartered in September 1935. It is the second oldest ASHRAE Chapter in Canada. ASHRAE Manitoba is part of ASHRAE Region XI and covers ASHRAE members in Manitoba and Northwest Ontario.



Shaping Tomorrow's Built Environment Today

ASHRAE Supper Meeting Victoria Inn, 1808 Wellington Avenue Thursday April 11, 2013 Research Promotion Night and a Presentation on Fundamentals of Noise Control

5:00 PM – Registration, Meet and Greet

6:00 PM – Supper

7:00 PM – Patrick Oliver – Fundamentals of Noise Control

This presentation will focus on the fundamentals of noise control related to the HVAC industry and the current activities of TC 2.6 (Sound and Vibration Control). The importance of acoustics in terms of overall indoor environmental quality will be highlighted with a brief review of some of basics of acoustic analysis. Various technologies including; Silencers, Panels, Enclosures and Louvers will be reviewed, and examples of noise control applications and design scenarios will be discussed.

Patrick Oliver M.Sc, P.Eng. is Senior Noise Control Engineer at Price Industries Ltd. Patrick is a graduate of the University of Manitoba, and holds a Masters degree in Mechanical Engineering. He has worked in the noise control field for 12 years, focusing on custom applications and product development. Through this experience, he has performed field measurements, laboratory witness tests, and acoustic analysis of many different HVAC, industrial process, and power generation systems.

Mr. Oliver is the current chair of ASHRAE TC 2.6 on Sound and Vibration, chair of the ASTM working group for the E477 Duct silencer test standard, and a member of the AHRI Technical Committee on Sound.

CONFIRM YOUR ATTENDANCE by the end of the business day April 8, 2013 by emailing Sam Frenette at ashrae.mb@gmail.com. Indicate any special meal requirements (vegetarian, allergies, etc.)

ASHRAE dinner meetings are open to all. Non member cost is \$45. The cost for a first time guests accompanied by an ASHRAE Manitoba member is \$25. Pre-registration is required. To pre-register or to get information on the cost of ASHRAE events, e-mail ashrae.mb@gmail.com or visit www.ashraemanitoba.ca.

President's Message - Corey Nation, P. Eng

Hello ASHRAE!

We are now in April which means we have one more dinner meeting. It also means that I got through the year without breaking ASHRAE Mb. I think that deserves a gold star, haha! All kidding aside I am pretty proud of the work the board has done and think we provided a great year for everyone. All I had to do was write a few paragraphs and provide some pictures of myself and my dog to hopefully entertain the ASHRAE gang. So let's take a second and thank everyone on the board for their hard work the next time you see them.

Let's not forget though, the year is not over. We still have the dinner meeting on the 11th, we have the Better Buildings Conference on the 23rd and 24th, and we have the yearly wind-up. You'll find info throughout the newsletter on this month's topic. We will also have more details on Better Buildings Conference, which I recommend on attending! I really recommend attending! And the details on the wind-up on being worked out as we speak. I can tell you it will be at the Assiniboine Downs and that our significant others are invited. It's the one time where we like to give our better halves a taste of what we do each month and who we are meeting with. It would be great to see all of you there!



I'm keeping my last message short, sort of. Because we all know I could ramble on. Hopefully we will see you on the 11th and then at the BBC conference and at the wind-up. If I don't see you, have a great summer and it's been fun being your president!

Your President,
Corey Nation, P. Eng.

Coming Events

April 18, 2013, noon to 3:00 pm - Assessing Building Energy Performance: From Principles to Practice - a **FREE** webcast from ASHRAE. The webcast will focus on the importance of building energy performance and its far reaching implications in both new and existing buildings. It will help participants to recognize the opportunities that Assessing Building Energy Performance (ABEP) presents. From recognizing the different approaches, team skills, and knowledge needed to properly assess building energy performance, to the application of ASHRAE building audit levels, this webcast will provide viewers with an understanding of ABEP principles and practical application knowledge. While the webcast is **free for all**, you must register to watch. For more details, to register or to see pictures of Bert Phillips wearing a tie, go to <https://www.ashrae.org/membership--conferences/webcasts>

April 23 and 24, 2013 - Better Buildings Workshop and Conference - the conference on April 24 will be preceded by a workshop on April 23 at the Viscount Gort. The workshop will feature ASHRAE Distinguished Speaker James Newman presenting on “Transforming Old buildings to High Performance buildings. Alex Fleming will presenting on “Changing Communities” promoting putting down roots in such places as Wood Buffalo/ Fort McMurray. You can find more details and register at www.betterbuildingsconference.com. If you are interested in sponsoring or volunteering, email info@betterbuildingsconference.com

May 2 to 4 - Region XI CRC – will be hosted by ASHRAE B.C. Chapter at the River Rock Resort and Casino. Go to <https://ashraebc.simplesignup.ca/en/24/index.php?m=eventSummary> for details.

June 22-26 -2013 ASHRAE Annual Conference in Denver, Colorado – for details go to <https://www.ashrae.org/membership--conferences/conferences/2013-ashrae-annual-conference>

ASHRAE Manitoba Chapter History - EH Price - Corey Nation, P. Eng.

One of the things our chapter has begun doing is recognizing the various groups that have helped shape the Manitoba HVAC community and our Chapter. In December, Ryan Einarson told us the history of Westwood Mechanical. We would like to continue with our second recap of a local manufacturer, Price Industries and the current President, Gerry Price.

Price Industries began in 1946 as E.H. Price Ltd by Ernest H. Price in Winnipeg. E.H. Price Ltd was originally conceived as a consulting engineering firm and soon became a sales company distributing air distribution products. In the 50's offices were established in Edmonton, Calgary, Vancouver and Regina. The first distribution warehouse was located in Edmonton and served the western Canadian market.

The 60's is when the Price expansion into manufacturing began. E.H. Price became the Canadian sales and manufacturing agent for Titus. The distribution warehouse for these products continued in Edmonton to again serve western Canada.

The 70's became the introduction of Price's own products developed and manufactured internally. A new 42,150 sq ft facility, including the first Price development lab was built in St. Jerome, Quebec in 1970. A partnership with Greenheck Fans began where Price also manufacture a small portion of the Greenheck line in 1974. 1975 saw the launch of the Price Data Center, the first mainframe computer the company ever purchased, and the beginning of the conversion of all data processing to automated systems. The Dartmouth office was also added in '75. The Winnipeg head office was relocated to a new 22,400 sq ft office building on the Raleigh Street site. The new head office included a sophisticated product development laboratory. Price is still in this location today.

The 80's saw an expansion of Price into markets other than Canada. In 1982 a plant was established in Singapore, Price Asia Manufacturing Company, and a second plant was opened in Kuala Lumpur in 1986. In 1987 Price announced its intentions to enter the U.S. market. By the end of the year, the company had appointed 26 independent rep offices. Manufacturing in the U.S. began in 1989 where Price leased an 80,000 sq ft plant. This is where Price Industries was born.

In 80's Price also expanded within Canada. They opened offices in Moncton (1985) and Hamilton (1986), followed by an expansion in Toronto to a new 21,000 sq ft facility (1987). Montreal also

moved to a new 10,500 sq ft home in 1988. Price also expanded on the manufacturing side by purchasing their first CAD system in 1986.

The expansion of Price in both the Canadian and U.S. markets continued in the 90's. 1995, saw the decision to construct Price's new home just north of Atlanta, Georgia. This new 174,000 sq ft state of the art facility quickly began producing a vast majority of Price products. In 1998, Price launched their first Price Technical Center, to serve as a hands-on training facility for Price Representatives. This facility located adjacent to the Atlanta plant, is a virtual air distribution playground for engineers, sales reps and architects. It features nearly all of the Price family of products, including interactive flow visualization rooms. Price also invested into software development to produce the Price Digital Catalog, the Price Training Modules, and RepNet.

The expansion in the manufacturing facilities continued throughout the 2000's. A major expansion of Winnipeg head office was concluded in 2000, adding significant office space as well as a Machine Development Center, Electronic Development Center and expansion to the Winnipeg lab. Continued expansion and rising sales in the American market prompted a major move for Price Industries – the establishment of the third Price air distribution facility just outside of Phoenix, Arizona to serve the Western U.S. market. The Phoenix facility also houses the Price Technical Center West.

The current Chairman and CEO of Price Industries (formerly E.H. Price Ltd) is the son of Ernest H. Price, Gerry Price. Gerry has been a supporter of the local HVAC community and ASHRAE. To learn more about Gerry, please link to http://umanitoba.ca/people/alumni/media/OnMB_Aug2012_web.pdf for an article that the University of Manitoba Alumni magazine published last fall.

Hopefully you enjoyed this and many more installments about our chapter's history.

Paperless Society? Not Yet!

As an old school guy, I am challenged by some of the technological changes our society is going through. If you have a cell phone (and who but me doesn't?) you may not have noticed that payphones are disappearing. While my phone card makes it cheap to call from anywhere in Canada or the US to anywhere in the world, the disappearance of pay phones makes it harder to do when I am out and about. In 2010, the Albuquerque Convention Center did not have a payphone anywhere. Last month I could not find a payphone in departures area of the new international terminal at the Atlanta Airport.

On the paperless side, on two occasions during the 2013 Winter Conference in Dallas, someone beside me in a meeting needed a pen and paper but, being part of the paperless/tablet generation, they did not have either in their totes, so for a moment, I was able to provided a useful service to them. I don't have much problem giving a stranger pen and paper, but I expect most from the paperless generation will not be as generous giving away their laptops and tablets. I have found comfort in this youtube video that makes me believe that we are further from a truly paperless society than youth may believe. http://www.youtube.com/watch?v=V_gOZDWQj3Q

ASHRAE Manitoba 2013/2014 Board - Stephen Norsworthy

ASHRAE Manitoba Board of Governors and Chapter Officers have been selected for the upcoming 2013-14 ASHRAE year. There are still a couple of positions that need to be filled including Chapter History and newsletter. We are looking to transition from the traditional newsletter to a new way to communicate via our upcoming website redesign. This will require someone interested in dabbling in writing and using Wordpress. If you're interest in volunteering for either of these positions, please contact Corey Nation or Stephen Norsworthy.

Volunteering on for a Board position can qualify as volunteer time which EITs need and as continuing education credits APEGM members requires. What's more, when you volunteer you get to work with good people who will help you move your good ideas for our Chapter into action.

ASHRAE Manitoba Chapter Officers 2013-14

President	Stephen Norsworthy	SNC-Lavalin Inc.
President Elect	Doug Castor	EH Price
Vice President	David Surminski	Price Industries
Secretary	Mark Windeatt	Engineered Air
Treasurer	Gavin Stewart	DGH Engineering
Board of Governors	Robert Bisson	Public Schools Finance Board
	Robert Derksen	University of Manitoba
	Dave Jurkowski	EMC (2005) Ltd
	Johann Baetsen	Epp Siepman Engineering
Technology Transfer	David Surminski	Price Industries
Grassroots Government	Dieter Bartel	Manitoba Hydro
Activities Chair		
Membership	Sam Frenette	Price Industries
Research Promotion	Corey Nation	EH Price
Student Activities	Jordan Bull	SMS Engineering Ltd
Honors and Awards	J. Brian Blahey	Ambassador Mechanical
Newsletter Editor	<i>Vacant</i>	
Programs	David Surminski	Price Industries
Refrigeration Chair	J. Brian Blahey	Ambassador Mechanical
Accommodations	Sam Frenette	Price Industries
Chapter History	<i>Vacant</i>	
YEA	Jordan Bull	SMS Engineering Ltd
Special Events	Mark Windeatt	Engineered Air

ASHRAE Manitoba Chapter Officers

President	Corey Nation	EH Price	982-4213	coreyn@price-hvac.com
President Elect	Stephen Norsworthy	SNC Lavalin Inc.	786 8080	stephen.norsworthy@snclavalin.com
Vice President	Doug Castor	EH Price	982-2220	DougC@price-hvac.com
Secretary	Mark Windeatt	Engineered Air	632 8535	mark.windeatt@engineeredair.com
Treasurer	Doug Castor	EH Price	982-2220	DougC@price-hvac.com
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	Peter Gryc	SMS Engineering Ltd	789-2346	pgryc@smseng.com
	Gavin Stewart	DGH Engineering	334-3846	gstewart@dghengineering.com
	Stan Diachun	Smith Carter		sdiachun@smithcarter.com
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Membership	Sam Frenette	Price Industries	661-7829	samuelf@price-hvac.com
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Student Activities	Corey Nation	EH Price	982-4213	coreyn@price-hvac.com
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Homepage Editor				
Programs	David Surminski	EH Price	669-4220	DavidS@price-hvac.com
Refrigeration Chair	J. Brian Blahey	Ambassador Mechanical	231-1094	brian@ambassadormechanical.com
Accommodations	Stephen Norsworthy	SNC Lavalin Inc.	786 8080	stephen.norsworthy@snclavalin.com
Chapter History	Jordan Bull	SMS Engineering Ltd	775-0291	jbull@smseng.com
YEA	Scott Hammond	SMS Engineering Ltd	775-0291	shammond@smseng.com
Special Events	Daryl Friesen	Midwest Engineering Ltd	989 3636	daryl@midwesteng.mb.ca

ASHRAE Region XI Officers

Director & Regional Chair	Kevin Marple	Benz Air Engineering	Portland	kmarple@benzco.com
Assistant Regional Chair	Erich Binder	Erich Binder Consulting	Calgary	erich.binder@worleyparsons.com
Technology Transfer	Leslie Jonsson	CDi ENGINEERS	Lynnwood, WA	ljonsson@cdiengineers.com
Membership	Murdoch MacPherson	MacPherson Engineering	Regina	m.macpherson@mac-eng.ca
Student Activities	Stefan Lidington	Oregon Air Reps	Lake Oswego	stefanl@oregonairreps.com
Young Engineers in ASHRAE	Kyle Hasenkox	Rocky Point Engineering	Victoria	kyle.hasenkox@gmail.com
Resource Promotion	Ryan MacGillivray	Daniels Wingerak Engineering LTD	Saskatoon	ryan.macgillivray@dwel.com
Nominating Committee	Norm Grusnick	ECCO Manufacturing	Langley	ngrsnick@ecomfg.com
	Eileen Jensen	Bonneville Power	Portland	nejensen@bpa.gov
Regional Historian	Doug LeCren	ConocoPhillips Alaska	Anchorage, AK	douglecrcn@gmail.com
Treasurer	Rob Craddock	Inland Metal	Regina	rob@inlandmetal.ca
Web Page Editor	Scott Bossert	Benz Air Engineering	Portland	sbossert@benzco.com
2013 CRC Chair	Chris Collett	Christopher Collett and Associates	Surrey BC	chriscollettassoc@gmail.com

ASHRAE needs you, but more importantly you need ASHRAE. ASHRAE always has room for more professionals, just like you. For information regarding ASHRAE membership, contact Manitoba Membership Chair Sam Frenette samuelf@price-hvac.com or visit ASHRAE Manitoba at www.ashraemanitoba.ca

ASHRAE, founded in 1894, is an international organization of 50,000 persons. Its sole objective is to advance through research, standards writing, publishing and continuing education the arts and sciences of heating, ventilation, air conditioning and refrigeration to serve the evolving needs of the public. Visit ASHRAE at www.ashrae.org.

Statements in this publication are not expressions of the Society or of the Chapter.

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2013

APRIL 23&24

Reconnecting with
Communities

It's back! Better than ever! We have partnered with BEMM (Building Energy Management Manitoba) and MbGBC (Manitoba Green Building Council) again to provide another great conference. We have changed the format to a one day conference, April 24th. The conference will be directed towards changing communities. Talks will be about the broad scope of a whole community changing its perception by others by being more efficient and practical to retrofitting older buildings into usable space.

In addition, we will be conducting three workshop seminars on April 23rd organized by each association. The ASHRAE seminar is about 'What You Don't Know about ASHRAE Standards Can Hurt You: In the Community and in Your Pocket' with ASHRAE Distinguished Lecturer James Newman presenting.

James will also be presenting in the conference, 'How to Transform an Older Building into a High Performance Building'. This sounds like something every one of us is tackling! Why should you attend?



Learn about the latest products and best practices to improve energy efficiency, minimize the environmental impact of your building projects and improve occupant comfort.



Expand your knowledge and learn how to integrate sustainable design, construction and operational practices into your projects.



Connect with key contacts to strengthen your competitive edge

Also learn about the new speed sessions taking place!

More information on the speakers, agenda, seminars and discussions is within the website, www.betterbuildingsconference.com. You can also find us on facebook and linkedin. Check it out. Updates are put on their constantly.