

Pile of Bones

Published by the Regina Chapter of ASHRAE

President's Message

By Brad Huber

Happy New Year everyone! I hope you all had a good Christmas break even though it was so cold! I'd like to give a special thank you to Wayne Tkach for arranging the Christmas social this year – The Wizard of Oz at the Conexus Arts Centre was truly a night to remember!

This month's meeting will be held at the Travelodge Hotel. Natasha has arranged for Greg Reeves of Arjay Engineering to come and talk to us about Gas Detection in HVAC Applications.

We also get to look forward to AHR Expo in Chicago towards the end of the month. I unfortunately won't get to attend this year however I am aware that quite a few of our chapter members are going. Let me know if you are attending – there's often something going on with fellow "Reginians"!

Meeting Notice

Wednesday, January 10, 2018

Chapter Meeting
Gas Detection Basics
Presented by Greg Reeves
Location: Travelodge Hotel
4177 Albert Street South

5:00 – Appetizers/drink
5:30 – Presentation
6:30 – Dinner
7:15 – Chapter Meeting

Upcoming Events

February 14, 2018

Chapter Meeting
TBD



2018  AHR EXPO | CHICAGO | JAN 22-24 | MCCORMICK PLACE | CO-SPONSORS ASHRAE AHR

Committee Chair Reports

Vice President and Programs

By Natasha Skea

We are pleased to present Greg Reeves as our presenter in this upcoming meeting. Greg Reeves is President of Arjay Engineering Ltd., a Canadian manufacturer of process and environment controls. Arjay's gas detection division has been involved with designing and applying gas detection systems to HVAC applications for over 35 years.

His presentation summary is provided below.

Gas Detection Basics – Presented by Greg Reeves

All too often we hear about gas ventilation issues when there is a tragic news release like the recent greenhouse or arena accidents. This presentation will review the basics of gas detection as it applies to HVAC applications. A quick review of the various gas sensing technologies will provide an understanding to the pros and cons of various sensor styles and where they are best suited. This will lead to a review of what gases should be targeted in specific applications and what regulations may apply. A look at monitoring hardware and building interface will then complete the overall cycle from sensing the gas to alarm and ventilating it.

GGAC (Grassroots Government Advocacy Committee)

By Janel Walter

ASHRAE Regina invites Owners, Code and government officials to subscribe to a digital version of ASHRAE's High Performing Buildings magazine free of charge.

ASHRAE's High Performing Buildings (HPB) magazine provides real data for real buildings. It is the only publication in the field to do so. The objective is to demonstrate to the marketplace that energy efficiency and acceptable indoor environmental quality is achievable and affordable – if good design and operations practices are employed. HPB magazine describes measured performance of practices and technologies to promote better buildings by presenting case studies that feature integrated building design practices and improved operations and maintenance techniques.

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Membership

By Alana Yip

Happy New Year! I hope everyone was able to stay warm and enjoy some relaxation over the holidays. I know these temperatures can keep many of us busy with a variety of things that can come up.

Have you ever wished you had that one ASHRAE Journal because of that article you saw that you wish you could reference? Or do you wish you could reference the ASHRAE Journal without having a library of magazines piling up? Well you can! With your membership you can access the ASHRAE Technology Portal <https://technologyportal.ashrae.org/>. This site is a log in site that can be accessed with your ASHRAE log in credentials and you can view all the ASHRAE Journal articles and Research reports available. You can search by either subject or author and makes for a very useful resource. Additionally for a yearly fee, you can subscribe to the ASHRAE Conference Seminars and Conference papers where you can watch the speakers from say the Winter Conference and view their slides.

Another site you should consider visiting is <https://elearning.ashrae.org/>. On this site there is a lot of e-courses you can take for a small charge on some very specific topics to expand your knowledge or dig deeper in an issue. There are courses packaged together making it more affordable to learn about a subject. These courses also count towards professional development hours. I know the engineers here need to get those in! There is a course package on Building Performance, a member price of 89\$ (unfortunately US \$), which would total 10 PDHs and has 3 courses in it; Commissioning, Integrated Design, School of Hard Knocks: Controlling Moisture and Humidity in Buildings. This is one example of many and I encourage you to take a look at. These are just some of the benefits of your ASHRAE Membership.

Again I'm asking if you know of any potential new ASHRAE members that you could send my way. They may not be interested in chapter membership at this time, but the Society membership is what our goal is based on. Our goal is +2. We have had some transfer outs, a retirement, some leaving the industry or their workplaces. It can be a bit tough out there, but there is so much to gain. Please contact me if you have any leads. Thank you. (Alana.yip@sasktel.net)

I would like to welcome the new student members to our chapter. We always enjoy having you out to our meetings. Welcome Neil Foster, Riley Gyarfi, and Cole Volke.

Historian

By Bob England

This article carries on from last month where we highlighted the ASHRAE Saskatchewan Chapter's year from 1966/67. This article is once again largely plagiarised from the 1993 Regina Chapter History document.

1967 – 1968: President L. T. Wilkinson

Our November meeting was held at the Saskatchewan Hotel with 15 members and 37 guests in attendance. The speaker was John Dawson with the Federal Department of Industry who spoke on Modular Coordination. Percy Butler Chairman and Director Region II brought greetings.

The January speaker was Harry Magus of Marathon Oil speaking on Search and Development of Oil Wells.

In February Mike Brady of Krueger Air Canada Ltd. spoke on The Science of Air Distribution.

The annual ladies night was held March at the Assiniboia Club in conjunction with our local curling playoffs. Cost \$10.00 per couple.

The curling winners were G. Mitchell, W. Sheppet, V. Grosse and E. Ortluff.

The Ross trophy was held in Calgary, March 16th with Calgary winning.

Current membership was 52.

George Doig of Johnson Controls spoke at the April meeting on "Computers as They Apply to Mechanical Systems".

The CRC was held in Edmonton with W. C. Borley as delegate and George Mitchell as alternate.

The golf windup was held at Fort Qu'Appelle and a banquet at the Country Squire.

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|---------------------|-----------------|-----------------|
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2017-2018 Meetings and Events

September 13, 2017
Wascana Boiler House Tour
Led By: Doug Elder – Chief Engineer
Location: Travelodge Hotel

October 11, 2017
Lunch Meeting – 12:00-1:00 pm
Topic: ASHRAE Cold Building Climate Guide
Speaker: Erich Binder
Location: Double Tree

November 15, 2017
Topic: Sustainable Applications that Work
Speaker: Terry Townsend
Location: The Hotel Saskatchewan

December 14, 2017
Christmas Social
Wizard of Oz
Location: Conexus Arts Centre

January 10, 2018
Topic: Gas Detection Basics
Speaker: Greg Reeves
Location: Travelodge Hotel

January 22-24, 2018
ASHRAE Winter Conference
Chicago, Illinois

February 14, 2018
TBD

March 14, 2018
Topic: The (un)Ethical Engineer
Speaker: Devin Abellon
Location: TBD

April 11, 2018
Topic: Student Night
Student Night
Location: TBD

May 9, 2017
TBD

June 2018
ASHRAE/MCA Research Golf
Tournament



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