



January 2021

Pile of Bones

Published by the Regina Chapter of ASHRAE

President's Message

By Cailin Noll

Happy new year ASHRAE Regina Chapter!

I think we have found our footing in these virtual meetings, though please let us know if you have any feedback on our virtual meetings and how they are being ran.

The HVAC Class at the U of R is getting rolling. If any ASHRAE Chapter members would like to volunteer their time and expertise, please reach out to Brad Lulik or Jared Larson to get involved as an industry partner.

The 2021/2022 BOG currently has some vacant board positions – if anyone is interested in serving on the Regina Chapter ASHRAE BOG please reach out to any current BOG chair. We would be happy to discuss with anyone who is interested.

ASHRAE Regina Chapter Meeting

Date – Wednesday January 27, 2021

Time – 12:00pm – 12:50pm
Presentation, 12:50pm – 1:00pm Chapter Meeting

Presentation – Erich Binder

Industrial Ventilation & Loss Prevention Engineering – Presentation topics will include: industrial ventilation - lessons learned, HVAC a four-letter word, ventilation of hazardous spaces, industrial Fire & Safety Systems, and industrial HVAC 101 – the basics of industrial ventilation

Login Information:

<https://global.gotomeeting.com/join/227402805>

Call in option:

Canada: +1 (647)497-9391

Access Code: 227-402-805

Vice President's Message

By Carla Drager

I hope everyone had a relaxing holiday whether it was just a couple of days off or a couple of weeks and are now back at work, full of zest and ambition to tackle 2021. We will be continuing our virtual Regina Chapter meetings until further notice. Would love to sneak in a real life, in person, face to face, awkward air high fives kind of meeting but we will have to wait and see where the year takes us. Even though we cannot see you, which may actually be for the best seeing as I can't remember when the last time I took this unicorn onesie off, but we have not forgotten about all of you wonderful, wonderful members. Thank you for sticking with us this year.

I am delighted to announce and introduce our first speaker of the year, Erich Binder. Binder is an independent engineering consultant joining us from Calgary, Alberta. He has extensive experience in the sustainable design of commercial, institutional, industrial, and cold climate heating, ventilation, and air conditioning (HVAC), plumbing, fire suppression, and specialty mechanical systems engineering. Binder is also a Certified Risk Manager with over 20 years of process safety, loss prevention, industrial hygiene, health and safety engineering, and auditing experience.

We've had the honour of hosting Erich Binder in Regina a couple of years ago with his Cold Climate presentation but this month he will be speaking to us on Industrial Ventilation & Loss Prevention Engineering. His presentation will cover the following:

“Industrial HVAC systems are health & safety systems first, and then we look at opportunities to save energy and provide a greener approach to design. Certain industrial spaces may contain flammable, combustible, and/or toxic concentrations of vapors or dusts under either normal or abnormal conditions. In spaces such as these, there are life-safety issues that this guide may not completely address. Special precautions must be taken in accordance with requirements of recognized authorities such as the National Fire Protection Association (NFPA), the Occupational Safety and Health Administration (OSHA), the American National Standards Institute (ANSI), the facility's insurance carriers, and authorities having jurisdiction (AHJs). In all situations, engineers, designers, and installers who encounter conflicting codes and standards must defer to the code or standard that best addresses and safeguards life safety.

Projects are often required to be engineered and constructed as “Fit for Purpose”, “Built to Meet Code”, “Industry Standard”, “and Acceptable Building Practices”. Just remember that projects that only meet code, have the absolute minimum standard of design. That maybe OK for a warehouse, wash bay or office area; but for a Nuclear Facility, Refinery, Off Shore Platform or Operating room application, Fit for Purpose and Industry Standard should be a much higher standard. The intent of this presentation is to provide up to date international design approach to Industrial HVAC Engineering and Design.”

- Erich Binder

Look forward to seeing everyone!

Research Promotion Chair

By Pierre-André Ranger

I would like to start with many thanks to all of our donors so far this year. I have received the RP Recognition coins for those who have donated last year. I will be getting these distributed over this month as time/COVID allows. If it takes me some time to get yours to you, I apologize but let me take the time now to thank you for your donation.

If you are able to donate right now, I encourage you to do so. ASHRAE is always doing important research but it is undeniable that the world needs ASHRAE more than possibly it has ever needed it since the inception of the society

Student Activities Chair

By Marla Torwalt

It's a new year and that means we get to give out the Don Bell scholarship again! If you know any high school, trades, technology or engineering students looking to go into the HVAC industry let them know about the scholarship and have them send their application to m.torwalt@mac-eng.ca The scholarship is for \$1500 USD and the application deadline is March 31, 2021.

Membership Chair

By Nathan Cross

Happy New Year everyone! I hope everyone is staying safe and healthy during these ever changing times. Throughout the past year we have seen a small decline in membership. As many of you know our chapter has been meeting virtually to eliminate the potential spread of COVID-19. This is a great opportunity for new and prospective members to see what ASHRAE is about without having to leave the comfort of their home. We encourage all members to reach out to their colleagues and invite them to join us at an upcoming meeting.

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