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March 2021 Issue

NEXT MEETING

**Virtual Webinar – TUESDAY March 9th, 2021,
12PM-1PM AST**

HVAC Rules of Thumb for Trouble Shooting

This presentation will provide some common HVAC&R Rules of Thumb for Trouble Shooting HVAC&R Systems.

- Rules of Thumb are abbreviated short cuts, time savers, and approximations.
- Rules of Thumb are a great tool when upgrading or replacing existing HVAC Systems.
- Each is a quick estimation of what most systems should do most of the time, but remember that none of these numbers are infallible.
- The rules are not cast in concrete.
- Rules of thumb usually assume certain normal design and operating criteria, which are not always present.
- The rules are not to be used for system design purposes. Rather, they are the result of carefully studying good system designs.
- Technicians and engineers, can benefit from using Rules of Thumbs for estimating and solving operational problems.
- They do not always apply to every system, nor do they work in every circumstance.
- It is expected that the engineer or technician using them is a professional who can use reason and exercise caution in their application.

When: Tuesday March 9th, 2021 12:00PM-1:00PM AST

Meeting link: <https://global.gotomeeting.com/join/694898613>



Introduction to Our Distinguished Lecturer – Erich Binder

Erich Binder is an independent engineering consultant with an extensive experience in in the sustainable design of Commercial, Institutional, Industrial, & Cold Climate, Heating Ventilation & Air Conditioning (HVAC), Plumbing, Fire Suppression & Specialty Mechanical Systems engineering.

Erich has also a Certified Risk Manager with over 20 years of Process Safety, Loss Prevention, Industrial Hygiene, Health & Safety Engineering and Auditing experience. Including Corporate Emergency Response and Merger and Acquisition Activities

Education and certification includes

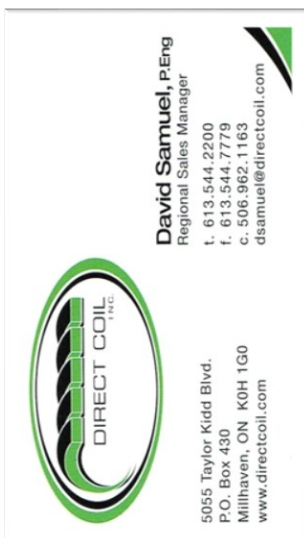
- Registered Engineering Technologists RET, Alberta Society of Engineering Technologists (ASET)
- Sothern Alberta Polytechnic (SAIT), Air Conditioning Engineering Technology Diploma
- SAIT Polytechnic, Registered Instructor
- Certified Risk Manager CRM, Risk Insurance Management Society (RIMS)
- Refrigeration Service Engineers Society Certificate, HVAC and Building Automation Controls
- Decision & Risk Analysis & Value Engineering Certification

Erich has extensive experience engineering mechanical system for a variety of cold climate applications.

He has engineered HVAC systems for various support facilities for various Industrial projects including Control Buildings, E-House, VFD and Data Storage Facilities, Maintenance, Storage and Emergency Response Facilities. He has extensive experience in Power Generation facilities, including Coal, Natural Gas, Waste Heat, Waste Wood, Run of the River and Combined Heat Power systems.

Erich specializes in Hazardous spaces and environments, Laboratory, Sampling Stations, Hazardous Environment, Dust, Mist and Fume collection systems, Industrial Hygiene facilities.

Erich Binder has worked as a Risk Analyst & Loss Prevention Consultant providing input into corporate insurance placement, managed Boiler Machinery, Construction Project Losses, Claims and Loss Prevention issues. He has provided support to Insurance Brokers and Insurance companies representatives to review and investigate the cause of failures relating to Power, Natural gas Mid-Stream, Compression, Metering and Pipeline machinery and fire explosion related failures. He has Coordinated Risk and Loss Prevention audits and inspections for all corporate facilities. A key member of corporate Emergency Response Team and key leaders in Responsible Care, ISO9000, merger and acquisition programs.



Introduction to Our Distinguished Lecturer - Continued

Erich Binder is:

- Chair ASHRAE TC 9.2 Industrial Air Conditioning & Ventilation
- Past Society Director at Large - ASHRAE
- Past Society Director and Regional Chair - ASHRAE Region XI
- Chairman - ASHRAE Cold Climate Design Conference
- Co-Author - ASHRAE Cold Climate Building Design Guide
- Co-Author - ASHRAE Hazardous Spaces Design Guide.(Publication

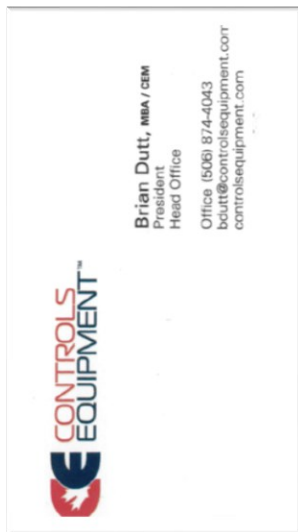
Pending)

- Author Industrial HVAC Design Guide – Basics of industrial HVAC - 101
- Past Coordinator - ASHRAE Distinguished Lecturer Program
- Past Chairman - HVAC Advisory Committee (SAIT)
- Co-developer - 2 month HVAC Certificate Program (SAIT)
- Instructor - Part Time HVAC related topics (SAIT)
- Board EXO - Young Engineers in ASHRAE Committee
- Board EXO - ASHRAE Student Activities Committee
- Board EXO - ASHRAE Members Council
- Vice Chairman ASHRAE Development Committee
- Chairman ASHRAE Audit Committee
- Member: ASHRAE TC 5.8 Industrial Ventilation (Combined with TC 9.2)
- Member : ASHRAE TC 9.2 Industrial Air Conditioning
- Chairman: ASHRAE TRG9 – CCB DG – Cold Climate Building Design

Guide.

- Member: ASHRAE MTG-ACR – Air Change Rate
- Chairman - Chelonian Loss Prevention Engineering Seminars





R.G. Cowan Memorial Scholarship

The Glen Cowan Memorial Scholarship for the son, daughter, or spouse of a chapter member for 2020 has been awarded to Samuel Verrier. Samuel is the son of Chantal Daigle-Verrier, who has been active on the chapter board.

Samuel is a 4th year engineering student at Université de Moncton.



Region 2 Job Fair

We at NB/PEI Chapter participated for the first time in a Region 2 Job Fair. The fair was spearheaded by Mai Anh Dao of the Montreal Chapter and assisted by members at all chapters. Only two companies had a local "virtual booth" but the totals below are impressive. Systemair and Engineered Air were the local companies.

Resume Submissions	Total Visits	Total Chats	Total Registered	Total Logged In
1512	4496	784	411	299



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MEET Show Postponed to 2022

Moncton, NB – Organizers behind the MEET (Mechanical Electrical Electronic Technology) Show have announced its postponement to 2022. This key industry event will now take place **May 4-5, 2022** at the Moncton Coliseum Complex, returning it to its regular biennial cycle.

With close to 400 exhibitors and more than 6,000 attendees from throughout Canada and the United States, MEET is the second-largest industry event of its type in Canada, and the largest trade event east of Montreal. Given the size and nature of the show and the travel that comes along with it, the COVID-19 pandemic has forced the rescheduling of the event several times. Originally slated for May 6-7, 2020, the event was initially postponed to November 18-19, 2020 and then to May 5-6, 2021. The ongoing quarantine requirements, border closures, and the fact that many companies still have bans on corporate travel and in-person events have led to this latest date change.

“We were optimistic that we’d be able to proceed with the event this May, but the current situation means we’ll need to wait a while longer before we can get everyone together in Moncton,” said Show Manager Shawn Murphy. “We know that both exhibitors and attendees are excited to get back to face-to-face events and we will provide the environment to do just that – as soon as it is safe to do so. For now, we are keeping the health and safety of everyone involved with the event as our top priority.”

The decision to delay the event was not taken lightly and was made in consultation with the show’s four sponsoring associations: IES (Illuminating Engineering Society) – Maritime Sections, the Canadian Institute of Plumbing & Heating, Electro-Federation Canada and ACME (Atlantic Canada Mechanical Exhibitors).

The 2022 edition of the MEET Show will once again include a networking reception, an educational seminar program, and recognition of innovative products through the MEET Innovation Awards. Visit MEETshow.ca or follow the event on Facebook and Twitter for the most-up-to-date information.



Enviroair Industries Employment Opportunity

Enviroair is a manufacturer's agent operating in the HVAC industry. We offer state-of-the-art Engineered products for industrial, institutional, and commercial projects. With offices in Montreal (head office), Québec, Ottawa and Halifax, we are a leader in our field. We have a reputation for practical, economical, innovative solutions to meet our client's needs.

With a team composed of dynamic and passionate people who want to achieve new challenges, we continue to expand. We are now recruiting for an Outsides Sales Representative for NB & PEI. By joining Enviroair, you will accelerate your professional career in a friendly work environment, driven by a strong spirited team.

Job Description

Reporting to the sales manager in Halifax, your mandate is to support existing & develop new business opportunities. As an outside sales representative covering New Brunswick & Prince Edward Island. You will be supported with a internal project manager based in the Halifax office.

If you are a dynamic person who enjoys the challenges of technical sales, send your resume to Conan Baker



Conan Baker - cbaker@enviroair.ca

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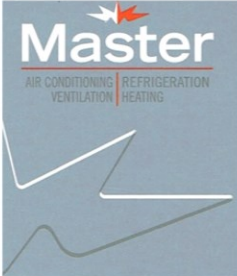


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