



September 2021

Alaska Chapter Newsletter Hot Gas Bypass

ASHRAE Monthly Meeting Information

Presentation:

Enhancements in Commercial Factory built exhaust systems

By: Larry Rohskopf

Date:
Thursday, September 16, 2021

Time:
12:00 pm

Cost:
Free

Location:
GoTo Meeting Online

<https://www.gotomeet.me/ashraek>

Phone:
1-872-240-3412

Access Code:
264-465-621

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President's Message:

We would like to welcome everyone to 2021-2022 ASHRAE year!

Looking back at what motivated me to join ASHRAE, at a time when search engines were not an option, I was desperately searching for the magical equation to solve my problem using equation, Heat Transfer $Q = m.Cp. \Delta T$. I finally found it in the ASHRAE Fundamentals book. The equation traces its origins back to Scottish Scientist, Joseph Black (1728-1799) who discovered latent heat, and specific heat (CP). Everyday we stand on the foundation of the pioneers. It is through the generous contributions from members like you, that more books like these can be published.

The Annual Golf Tournament, which is traditionally the official kickoff of the ASHRAE year was challenging this year with the rain but thanks to our players, our RP Chair Cheyenne Alabanzas, and volunteers who braved the rain, and help finish the event. We truly appreciate the support of our members, sponsors, and volunteers. Your donations to RP will go towards industry-related research, scholarships, and YEA programs.

The Board has lined up a few webinars on a variety of topics as well as few upcoming hybrid meetings in 2022 which will be in person as well as online. For the month of September, we will have Larry Rohskopf, CEO Jeremias, Inc. presenting via go to meeting on September 16th from 12:00 pm-1:00 pm on "Enhancements in commercial factory-built exhaust systems". It should be an interesting discussion, so please plan on attending and prepare some questions. As we have done in the past, we will make the presentations available on the chapter website, except when copyright or confidentiality issues prevent us from doing so.

We are excited to kick off the "Young Engineer Boot Camp Series" to provide young engineers the tips, tricks, and tools to survive and gain traction in our industry. The first meeting will be on September 21 from 11:30 am – 1:00 pm at the MOA permit center presented by Craig Fredeen, P.E., President, Cold Climate Engineering. For the continuing months, we will have our very own industry professionals as speakers. More information to follow.

We are actively seeking help with Electronics Communication Chair for this year and Membership Promotion Chair for the upcoming year. Please consider volunteering for this worthy cause.

Our different chapter committees will continue to do their work to ensure membership and community engagement, and we hope that you keep supporting ASHRAE by donating and participating. Please visit our chapter website and facebook page for announcements and any upcoming event information. As always, we are open to suggestions as to what you would like to see this year. Thank you all for your support. Stay safe and healthy!

Sincerely,

Sam Ratnasigamani,
President 2021-2022
Alaska Chapter ASHRAE
samr@rsa-ak.com





September 2021

Program Announcement

September Meeting:

Meeting:

Presentation:

Enhancements in Commercial
Factory built exhaust systems

Date:

Thursday,
September 16, 2021

Time:

12:00 pm

Location:

[https://www.gotomeet.me/
ashraeak](https://www.gotomeet.me/ashraeak)

Cost: Free

Enhancements in Commercial Factory Built Exhaust Systems

This month we are pleased to have Larry Rohskopf present on “Enhancements in Factory Built Exhaust Systems”

Scope of Topic:

Please join our technical presentation where you will learn about Enhancements in Commercial Factory-Built Exhaust Systems. We will be covering.

- UL Standards for Chimneys, Pressure Stacks, Grease Ducts, and Gas Vents
- Code & Appliance Manufacturers Vent Routing Requirements
- ASHRAE Chimney Design Equation
- Introduction to the all-in-one Exhaust System

Speaker’s Bio:

Larry Rohskopf, CEO Jeremias, Inc.

After receiving Mechanical Engineering degrees from Hocking College and Ohio University, Larry began his chimney career with Selkirk Metalbestos. With experience in sales and applications engineering, Larry founded Mechanical Sales Co. (MSC) in 2000. A few years later Larry founded Precision Vent Inc. to fill the needs of independent representatives and distributors who were frustrated by the lack of a definitive source for chimney and vent system components.

In 2012, Larry connected with the Jeremias Group, one of the world’s largest manufacturers of factory-made chimney, pressure stacks, grease ducts, and vents. Larry now serves as the CEO of Jeremias Inc, Jeremias is the innovator of the silicone-free conical and bridgeless double wall systems



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ASHRAE YEA Training

We are excited to announce a new series of monthly training seminars aimed at passing on Best Practices and Career Lessons from leaders in our chapter! These are separate from our monthly chapter meeting.

The intent is to provide the soft skill mentoring that we never received. We're trained on the technical aspects of the industry, but not how to juggle projects, be good communicators, and shown a roadmap on how to be a highly respected and sought after professional. Think of these presentations as "The Last Lecture" for engineers, by engineers.

Some of the topics this series will be covering include:

- How to juggle multiple projects and deadlines.
- How to improve the quality of your designs.
- The why and how of clear communication and how those change from pre-design, design and construction.
- How to get architects and clients to love having you on their team.
- How to get architects and clients to hate you and never have you on another project (just as important to know!).
- How to market yourself to improve your long-term career and professional standing.
- How to navigate office politics and the bureaucracy within large organizations.
- Additional best practices and kernels of knowledge from our distinguished experts.

The focus of the presentations is for 'Young Engineers' but the content will be beneficial for all ASHRAE members looking to improve the soft skills of the industry. Most of what the presenters will be covering will not be specific to Mechanical Engineering, so we encourage young engineers of all engineering disciplines to attend. Please share among your peers and coworkers.

The first session is planned for September 21st, 11:30 AM-1:00 PM (Alaska). The presentation will be in person and available live-streamed via GoToMeeting.

In-person training will be located at:

Municipality of Anchorage Development (Permit) Services
Main Training Room
4700 Elmore Road
Anchorage, AK

If you are going to attend in person, please RSVP to Craig Fredeen at cfredeen@coldeng.com so that we may order an appropriate amount of lunch for in-person attendees.

The GoToMeeting sign-in information is as follows:

Sign in: <https://global.gotomeeting.com/join/495357373>
You can also dial in using your phone. United States: [+1 \(571\) 371-3122](tel:+15713713122)
Access Code: [495-357-373](tel:495357373)

If you have any questions, please contact Craig Fredeen at cfredeen@coldeng.com or call 907-441-1567.

We look forward to providing this valuable information to the next leaders of our industry!

Hot Gas Bypass

Research Promotion:

2021-2022 Research Investors, ASHRAE Alaska Chapter

Organizations

ASHRAE Associate (\$2,500 - \$4,999)

Stinebaugh & Company

Major Donor - Silver (\$1,000 - \$2,499)

Major Donor - Bronze (\$500 - \$999)

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Trane Co.
UA Local 367

Chapter Recognized Donor (\$150 - \$499)

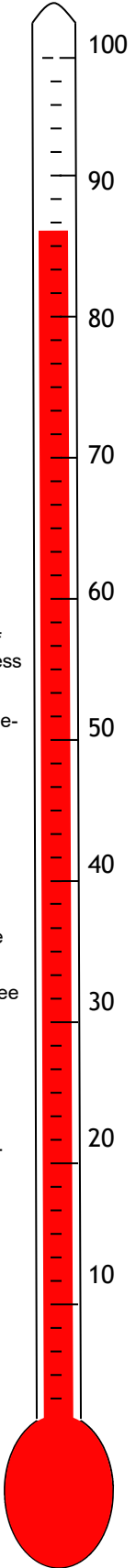
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Alaska Integrated Services
Alaska Roteq
ATS Alaska
Cole Industries
Columbia Hydronics Company
CRW Engineering Group LLC
Engineered Equipment Co. of Alaska, Inc.
Frontier Supply Company
Gordon & Associates, Inc.
Jernstrom Engineering
Johnson Controls Inc.
LONG Building Technologies
Norcoast Mechanical Inc.
Proctor Sales Inc.
Victaulic, Inc.

Individuals

Major Donor (\$250 - \$2,499)

Honor Roll Donor (\$150 - \$249)

Mack W. Bergstedt
Nathan Zeigler



Fellow ASHRAE Members,

Through your generosity our chapter has currently raised more than \$8,000 for ASHRAE RP so far this year! With Golf Tournament sponsorships alone, we were able to raise \$5,750. Keep it up, your generous contributions will pay back in countless ways to our local and broader industry as a whole!

It is through the funds generated for RP that all ASHRAE codes, standards and design guides are researched, written and implemented into the built environment where we live and work. Thank you for your generous support, it is only through your donations and involvement that we can continue to advance the knowledge, quality and standards for our built environment.

I have often heard the question, "How are my RP donations used?" and "What benefit do RP donations have for Alaska?"

- ASHRAE RP funds are pooled at the society level, then with the entire society's resource potential the funds are redistributed in order to achieve the highest potential output.
- It is through the funds generated for RP that all ASHRAE codes and standards are researched, written and implemented into the built environment that we live in.
- RP funds return to Alaska in various forms such as university research grants, scholarships, and technical committee funding.

If you are interested in donating towards the future of HVAC&R industry standards and practices please follow one of these three donation options:

- Go to <http://www.ashrae.org/RP> and scroll down the page to select the "ONLINE CONTRIBUTION FORM" link.
- You can mail a check made out to "ASHRAE Research" please put "Alaska Chapter" in the memo line and mail to: ASHRAE RP; 180 Technology Parkway; Peachtree Corners, GA 30092.
- You can also donate when you renew your membership on line. After you have made your selections for renewal the next page is for donations to ASHRAE funded items. About 3/4 of the way down the page you will see Research Promotion. Click "Add to Cart".

If you have already made a donation, your name should appear at the top of this page, if not, please let me know and I will update the page for next month. Please feel free to contact me with any questions about ASHRAE Research Promotion; the ASHRAE Foundation; or the ASHRAE Learning Center.

Thank you very much for all of your support and dedication to your local ASHRAE Chapter.

Sincerely,
Cheyenne A. Alabanzas
Alaska Chapter Research Promotion Chair, calabanzas@rsa-ak.com



Chapter Sponsors:

2021-2022 ASHRAE Alaska Chapter Sponsors

Gold Chapter Sponsor: _____ (\$5,000)

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& COMPANY
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Forget-Me-Not Chapter Sponsor: (\$2,500)

Chapter Meeting Sponsor: _____ (\$1,000)

Chapter Web Sponsor: _____ (\$350)



In the past couple of years, the Alaska Chapter introduced chapter sponsorship levels to help recognize those who have steadfastly supported the Alaska Chapter over the years. Included with these sponsorship levels are various 'chapter benefits' as a way of thanking and honoring the generosity of our loyal supporters.

Portions of the sponsorships are utilized to help fund the Alaska Chapter operations as well as donated to ASHRAE Research Promotion in the sponsor's name.

Below is a list of the sponsorship levels along with the 'chapter benefits' for each level of donation.

Corporate Donations:

Corporate donations to the Alaska ASHRAE Chapter are recognized in five tiers:

•Gold Sponsorship: _____ \$5,000 & Above

• (1) Foursome team for annual golf tournament • (1) Hole sponsorship for golf tournament • (1) Seat for every chapter meeting -OR- (1) Range Sponsorship during Annual RP Shoot out • Announcement of your sponsorship during all meeting introductions and events. • Logo on website • Business card advertisement in newsletter (September – May) • RP Donor Level - ASHRAE Associate: (Gold Commemorative Coin & Plaque, Listed in the annual Investor Honor Roll)

•Forget-Me-Not Chapter Sponsorship: \$2,500 - \$4,999

• (1) Range Sponsorship during Annual RP Shoot out • (1) Hole Sponsorship during Annual Golf Tournament • Announcement of your sponsorship during all meeting introductions and events. • Logo on website • Business card advertisement in newsletter (September – May) • RP Donor Level - Major Donor – Silver: (Silver Commemorative Coin & Plaque, Listed in the annual Investor Honor Roll)

•Chapter Meeting Sponsor: _____ \$1,000

• Sponsor's table available with display and literature prior to meeting (A website link and a hole or range sponsorship will be made available as an alternative for a virtual meeting sponsorship) • Logo on welcome message during monthly chapter meetings • Announcement of your sponsorship during the meeting introduction • Logo on website • Business card advertisement in newsletter (September – May) • RP Donor Level - Major Donor – Bronze: (Bronze Commemorative Coin & Plaque, Listed in the annual Investor Honor Roll)

•Web Sponsorship Package: _____ \$350

• Logo on website • Business card advertisement in newsletter (September – May) • RP Donor Level – Honor Roll (Individuals only): (Receive blue desktop coin holder, Listed in the annual Investor Honor Roll)

•Newsletter Sponsorship: _____ \$150

• Business card advertisement in newsletter (September – May)

For more information on corporate donations and the benefits please visit the "shop" section of our website at <https://ashraealaska.com/>.

2021 ASHRAE/AMCA Vern C Winter Memorial Golf Tournament

The 2021 ASHRAE/AMCA Vern C Winter Memorial Golf Tournament was held on August 27th at the Anchorage Golf Course. It was unfortunately the rainiest day of the week, so thank you to those who showed up nonetheless, and especially to those who played all holes despite the weather. Since there were no more COVID restrictions, we were able to have the same tee time and have the banquet afterwards. Thanks to the Golf Course, we were able to serve lunch indoors so everyone could be warm and dry!

Breakfast was provided by the ASHRAE Alaska Chapter and lunch was provided by the Alaska Mechanical Contractors Association (AMCA). We had a total of 19 teams join in the tournament and raised approximately **\$8,000** for Research Promotion.

I want to give a special thanks to our partner in this event, Alaska Mechanical Contractors Association of Anchorage, for their help in organizing the event and for sponsoring lunch. I would also like to thank AMCA for the participation of many of their members in playing in the tournament. Twenty-one sponsors generously donated to the event in the form of beverage cart and hole sponsorships. I would also like to thank the companies and individuals that donated their resources and time to ensuring a successful event!

Golf Tournament Committee:

Cheyenne Alabanzas
Phillip Hayes
Tracy Mckeon
Brian Miller
Sam Ratnasigamani
Jan van den Top
Nathan Zeigler

Breakfast Sponsor:

ASHRAE Alaska Chapter

Lunch Sponsor:

A.M.C.A. – Anchorage

Beverage Cart Sponsors:

James P. Sheldon Co.
Trane Co.
UA Local 367

Hole Sponsors:

Aaron Plumbing & Heating Co.
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Alaska Roteq
ATS Alaska
Cole Industries
Columbia Hydronics Company
CRW Engineering Group, LLC
Engineered Equipment Co. of Alaska, Inc.
Frontier Supply Company
Jernstrom Engineering
LONG Building Technologies
Stinebaugh & Company
Victaulic

RESULTS:

Individual Awards:

Closest to the Pin (Hole #16): Nathan Lang
Men's Longest Drive (Hole #16): Nathan Chartier
Women's Longest Drive (Hole #14): Rachel Earls

Team Results:

1st Place: Victaulic

(Nathan Lang, Erik Gabrielson, Zach Meehan, Scott Boettcher)

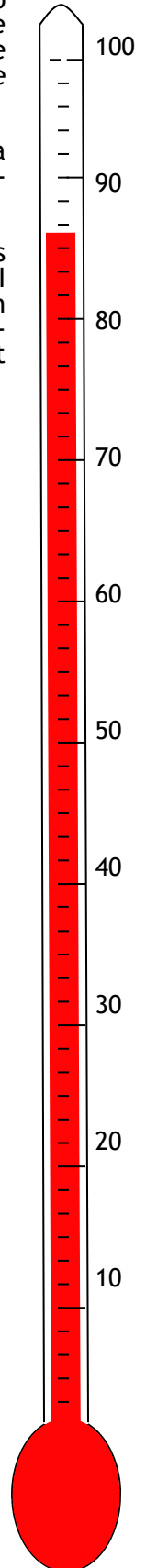
2nd Place: Johnson Controls, Inc.

(Brian Johnson, Duane Risse, Eric Marshall, Tony Weese)

3rd Place: Jernstrom Engineering

(Greg Jernstrom, Katherine Jernstrom, Nate Earls, Rachel Earls)

*Tie-breakers were determined per USGA rules from the score for the last nine holes, last six holes, last three holes and finally the 18th hole.



Tom Fisher
President

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