



October 2020

# Alaska Chapter Newsletter Hot Gas Bypass

## ASHRAE Monthly Meeting Information

**Presentation:**

POWERED FILTERS

By:  
Mike Farnsworth

Date:  
Thursday, Nov 19, 2020

Time:  
12:00 pm–1:00 pm

Cost:  
Free

Location:  
GoTo Meeting Online

<https://www.gotomeet.me/RSam20>

Cost: FREE

## Alaska Chapter Officers and Chairs

[Cheyenne Alabanzas](#), President  
calabanzas@rsa-ak.com

[Sam Ratnasigamani](#), President-Elect  
samr@rsa-ak.com

[Philip Hayes](#), Secretary  
Philip.Hayes.2@outlook.com

[Nathan Lang](#), Treasurer  
Nathan.Lang@victaulic.com

[Blake Burley](#), Fairbanks Section President  
blake@designalaska.com

[Jeff Hurd](#), Grassroots Gov. Advocacy  
Jeff.hurd@awwu.biz

[Greg Jernstrom](#), Membership Promotion  
greg@jernstromengineering.com

[Mak Kampen](#), Student Activities  
Matthew.Kampen@conocophillips.com

[Elena Hartford](#), YEA  
ehartford@mechanicalsales.com

[Zane Boylan](#), CTTC Chair  
zane@msi-ak.com

[Nathan Zeigler](#), Research Promotion  
Nathan.zeigler@contractor.conocophillips.com

[Jan Van Den Top](#), Historian  
janvdtop@acsalaska.net

Alaska ASHRAE Chapter  
PO Box 244503  
Anchorage, AK 99524

## President's Message:

ASHRAE Alaska Members,

As we approach the end of the calendar year, I thought about the resilience that emerged from everyone during this pandemic. I had initially thought of simply riding out my time as an ASHRAE president; however, as this lasts longer, I learned the importance of adapting to the new situation rather than simply surviving. I am sure we have had to apply this to many aspects of our personal and professional lives, and what this meant for the ASHRAE Alaska Chapter was making sure that we continue to encourage participation from our membership despite not being able to have the in-person meetings and events, so I will never tire of thanking everyone for the support and flexibility during this time. As always, if there is anything that you would like to see within the Chapter, please do not hesitate to contact any of us.

For November, we feature a speaker on Powered Filters. The importance of improving indoor air quality has never been so relevant, so I highly encourage you to attend this online presentation on November 19th. In addition, our Young Engineers is organizing an ice skating meetup. This event will be held outdoors at a location to be determined based on ice conditions the closer it gets to the date, November 12th. I highly encourage our YEA members and YEA At Heart (YAH) to come out and socialize. I know that in-person meetings are missed, and this is a good opportunity to see some ASHRAE members we may not have seen in a while. I personally have not met many of the ASHRAE members, and would love to see some new and familiar faces even if it is 6 feet away and single digits outside!

It is also not too late to submit entries for the Engineering for Excellence Awards and nominations for the Engineer of the Year Award. Please see the flyers included in this newsletter for more details. I thank all ASHRAE members who continue to support our Chapter in one way or another. The generous donations of our sponsors have allowed us to exceed our RP goals for the year, which will go towards local and national research projects.

Finally, since we will not have a December newsletter and meeting, I would like to take this opportunity to wish everyone a lovely holiday season. Stay safe and healthy, and take care of each other. We will see you again in January!

Sincerely,

Cheyenne Alabanzas  
President, Alaska Chapter ASHRAE  
calabanzas@rsa-ak.com



## 2020 ENGINEER OF THE YEAR GUIDELINES

1. Reminder that each engineering society that puts forward a candidate must be a sponsoring society for E-Week (minimum donation of \$250).
2. Each society submitting a nominee must have a representative on the EOTY Selection Committee. The Selection Committee will meet once, on January 16 at 10:00am. (anticipate 2 -3 hours for the selection process). Out-of-town committee members may arrange to attend via telephone.

### KEY DATES

- Monday, November 23, 2020** Deadline to submit EOTY nominee with high resolution photograph and short biography (250 word max) for publication in *Alaska Business Monthly* and for display at Engineers Week exhibits. Email to Greg Latreille at [glatreille@bbfm.com](mailto:glatreille@bbfm.com).
- Monday, January 11, 2021** Deadline to submit long resumes and name contact information for representative. Email to Greg Latreille at [glatreille@bbfm.com](mailto:glatreille@bbfm.com).
- Saturday, January 16, 2021** Meeting of EOTY Selection Committee to determine overall winner. Bring PowerPoint presentations on a flash drive or email in advance to Greg Latreille at [glatreille@bbfm.com](mailto:glatreille@bbfm.com).
- Saturday, February 27, 2021** Engineers Week Banquet. Nominees will be introduced, and overall winner will be announced. If the nominee cannot be present, please have a society member present to accept the award on their behalf.

### REQUIREMENTS FOR SUBMITTALS

The society representative should work with their EOTY nominee to complete the various submittals:

1. **Monday, January 11, 2021.** A complete resume for the nominee conforming to the attached standard format. The maximum length is 5 single-spaced, typewritten pages. The font shall be Arial 10 point. Modest use of **bold** font and *italics* is permissible. The margins shall be one inch for top, bottom, and both sides for main text. Headers and footers are permitted within the one-inch margin. This resume is the primary mechanism for judging candidates. Resumes that do not contain requested information will be judged as lacking qualification under the particular criteria. Send to Greg Latreille at [glatreille@bbfm.com](mailto:glatreille@bbfm.com).
2. **Saturday, January 16, 2021.** E-Week PowerPoint presentation due for the 10:00 AM meeting where representatives from the nominating societies will present their nominees to the EOTY Selection Committee. Nominees and representatives may work together to produce the presentation, but the representative must provide the electronic PowerPoint presentation

# 2021 ENGINEERING EXCELLENCE AWARDS CALL FOR ENTRIES

## ELIGIBILITY

Any engineering firm or company with engineering staff with an office in Alaska is eligible to enter the awards program. Firms that worked on a project may want to, but do not have to, submit a combined entry.

## GENERAL CRITERIA

1. Projects entered in the program may have been executed anywhere in the world but must have been primarily designed by staff in an Alaska office.
2. Research and Studies (Category A) must have been publicly disclosed by the client between November 1, 2018 and October 31, 2020. Construction of projects (Categories B through J) must have been substantially completed between November 1, 2018 and October 31, 2020. *See Page 2 for a full listing of all eligible categories.*
3. Entries may be placed in any one of the 10 categories, which are only used for organizational purposes. The entering firm must select the one category that is most appropriate. A project may be entered only once. However, after a project entered in Category A has been constructed, it may be entered in Category B through J, as appropriate, in the year it becomes eligible.
4. The Anchorage Engineers Week will not be responsible for any damages to or loss of an entrant's entry materials or photographic display panel.
5. The Anchorage Engineers Week reserves the right to determine the eligibility for all entries.

## DEADLINES

- Phase 1 "**Intent to Enter**" – Monday, **November 23, 2020.**
- Phase 2 "**Final Entry**" – Friday, **January 8, 2021**

## FEES

\$300 paid using Pay Pal  
Includes two Engineers Week Banquet seats and award.

## WHY ENTER?

The Engineering Excellence Awards program was created by the Anchorage Engineers Week Steering Committee to increase the public's awareness of what engineers really do and to recognize firms and projects of distinction. Your company's participation in the program will provide inestimable public relations and marketing value.

## JUDGING

A distinguished panel of judges will be convened to evaluate the projects against an established set of criteria. The panel may include representatives of governmental engineering agencies, University faculty, media, and retired engineers.

The projects will be judged on the basis of:

- Overall engineering excellence in the design
- The work performed by the entering firm
- Uniqueness and/or innovative applications
- Future value to engineering
- Sustainable development
- Complexity
- Satisfaction of client/owner needs

There will only be one "Engineering Excellence Award", which may come from any category. There may be several "Grand Awards" and "Honor Awards" selected at the discretion of the judges.

## PUBLICITY

The Engineering Excellence Awards will be featured in several Engineers Week publications, will have a display at a public venue during Engineers Week, and will be part of the program at the Engineers Week Banquet.

## APPLICATIONS

For application packages, contact Jeremie Smith, at 907-433-1132 or [jeremiesmith@takuengineering.com](mailto:jeremiesmith@takuengineering.com).

## November Meeting:

### Presentation:

**POWERED FILTERS**

### Date:

Thursday,  
November 19, 2020

### Time:

12:00 pm AKDT

### Location:

<https://www.gotomeet.me/RSam20>

Cost: Free

### POWERED FILTERS

This month we are pleased to have Mike Farnsworth with Dynamic Air Quality Solutions present on “Powered Filters”

### Scope of Topic:

Indoor air quality is critical for good health. Whether it is particulate removal, biological contaminants or volatile organic compounds, removing them from air is essential. With particulates the most dangerous and troublesome particles are the smallest particles. Biological contaminants (eg. Mold, bacteria, and viruses) are a subset of particles. There are a number of sources both inside and outside that filtration can help control. While the big particles make up the bulk of the contaminants, the millions of ultra fine particles cause most of the health problems make up a bulk of the particle count but a tiny fraction of the mass. Our lungs and respiratory systems, as well as sensitive electronics are more susceptible to the problems arising from the sub micron and ultra fine particulate. This can be removed using polarized filtration. Using active-field polarization and particle agglomeration, particles that become polarized after passing through the polarized media are attracted to other particles, VOC's and odor molecules to form larger particles that are subsequently captured.

### Speaker's Bio:

Mike Farnsworth, CAFS, is the Regional Commercial Sales Manager for Dynamic Air Quality Solutions in Portland, Oregon, where he is responsible for commercial sales in the Western U.S. and Canada. He received his Bachelor of Science degree in Architecture and Urban Planning from University of Wisconsin-Milwaukee and is a NAFA (National Air Filtration Association) certified Air Filter Specialist and indoor air quality (IAQ) professional. He is also certified by the US Green Building Council as a LEED AP Building Design and Construction Specialist. Having addressed many industry trade groups from higher education, to government, and healthcare facilities, Mike's strong advocacy for IAQ, energy savings, maintenance, and sustainability has led to successful projects that include, the new Biology Laboratory at University of Saskatchewan, the Environmental Health Laboratory in Anchorage, and one of the world's largest cannabis operations, Aurora Sky in Edmonton, Alberta.



Research Promotion:

**2020-2021 Research Investors, ASHRAE Alaska Chapter**

<u>Organizations</u>		<u>Individuals</u>
<p><b><u>ASHRAE Associate</u></b> (\$2,500 - \$4,999) Stinebaugh &amp; Company Anonymous Donors</p> <p><b><u>Major Donor - Silver</u></b> (\$1,000 - \$2,499) Alaska Mechanical Contractors Association (AMCA)</p> <p><b><u>Major Donor - Bronze</u></b> (\$500 - \$999) Design Alaska Proctor Sales RSA Engineering Victaulic</p>	<p><b><u>Chapter Recognized Donor</u></b> (\$150 - \$499) Aaron Plumbing &amp; Heating Co. Alaska Air Balancing Alaska Integrated Services ATS Alaska Brenntag Pacific, Inc. Coffman Engineers Columbia Hydronics Company CRW Engineering Frontier Supply Company Jernstrom Engineering LONG Building Technologies Meridian Systems Inc. PDC Engineers Proctor Sales Inc. Scope Permitting and Engineering Sheet Metal Inc.</p>	<p><b><u>Major Donor</u></b> (\$250 - \$2,499) Jan Van Den Top</p> <p><b><u>Honor Roll Donor</u></b> (\$150 - \$249) Cheyenne Alabanzas Elena Hartford Phil Hayes Jeff Hurd Doug LeCren Andrew Lee Tracy McKeon Sam Ratnasigamani Ron Thompson Nathan Zeigler</p>

Fellow ASHRAE Members, Tequila 61

Through your generosity our chapter has currently raised \$17,381.80 for ASHRAE RP so far this year! 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.

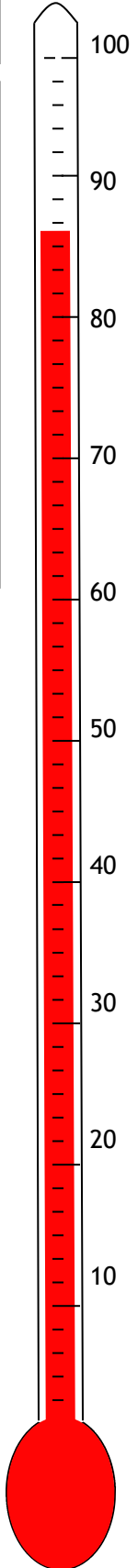
If you are interested in donating towards the future of HVAC&R industry standards and practices please follow one of these three donation options:

- 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,  
Nathan Zeigler  
Alaska Chapter Research Promotion Chair  
Nathan.Zeigler@contractor.conocophillips.com



## Chapter Sponsors:

<b>2020-2021 ASHRAE Alaska Chapter Sponsors</b>
---

<p><b>Gold Chapter Sponsor: (\$5,000)</b></p> <p><b>STINEBAUGH &amp; COMPANY</b> ENGINEERED HVAC SOLUTIONS</p> <p><b>Forget-Me-Not Chapter Sponsor: (\$2,500)</b></p> <p><b>Chapter Meeting Sponsor: (\$1,000)</b></p> <p>   </p> <p><b>Chapter Web Sponsor: (\$350)</b></p> <p></p>
---

Last year 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/>.



## UPCOMING ASHRAE EVENTS AND MEETINGS

( This is a tentative schedule dates and programming is subject to change)  
 Like us on Facebook at <https://www.facebook.com/AlaskaASHRAE> and : [www.Ashraealaska.com](http://www.Ashraealaska.com)

Date/Event	Description
Thursday, Sept. 17, 2020 <b>Online Chapter Meeting</b>	ASHRAE COVID-19 RECOMMENDATIONS Craig Rohwer/Zane Boylan
Thursday, Oct 15, 2020 <b>Online Chapter Meeting/ Webinar</b>	Leadership Lessons from Not Your Typical Engineer Karine Leblanc, DL
Thursday, Nov. 19, 2020 <b>Online Chapter Meeting</b>	Filtration with Emphasis on Powered Filters Mark Farsworth
<b>December</b>	No Meetings
Thursday, Jan. 21, 2021 <b>Online Chapter Meeting</b>	Virtual Tour—Stay Tuned
Thursday, Feb. 18, 2021 <b>Online Chapter Meeting</b>	Stay Tuned
Thursday, Mar. 18, 2021 <b>Online Chapter Meeting</b>	Stay Tuned
Thursday, Apr. 15, 2021 <b>Online Chapter Meeting</b>	Stay Tuned
April 30-May 3, 2021	CRC Conference
Thursday, May 20, 2021 <b>Online Chapter Meeting</b>	Stay Tuned



**Tom Fisher**  
President

Email: [tomfisher@aaronak.com](mailto:tomfisher@aaronak.com)

2143 Standard Avenue  
Fairbanks, Alaska 99701  
website: [www.aaronak.com](http://www.aaronak.com)

Phone: 907-452-3463  
Mobile: 907-378-2804  
Fax: 907-456-1315

**Arctic Trace® Freeze Protection System**  
Submersible Heat Trace "Inside the Pipe or Vessel"

*Installs into existing lines No excavation required*

Water Supply—Water Well—Septic Tank & Sewer Line



[www.arctictrace.com](http://www.arctictrace.com)

(907) 522-3004



Certified to NSF/ANSI #1  
Available upon request



(800) 627-2653 / [WWW.COLEINDUST.COM](http://WWW.COLEINDUST.COM)



**Specializing in Boiler**

RENTALS • REPAIR • PARTS • SALES • SERVICE • TRAINING

New & Used Inventory Rental Equipment Extensive Parts Inventory  
Factory-Trained Boiler/Burner Technicians 24/7 Emergency Services

CLEAVER-BROOKS CLEARFIRE & OTHER MODELS    CLEAVER-BROOKS PRO-FIRE BLOWDOWN EQUIPMENT    STACKS

WATER HEATERS    CONDENSATE SYSTEMS    ECONOMIZERS

**SERVING THE NORTHWEST SINCE 1964**

LYNNWOOD, WA (HQ)    SPOKANE, WA    YAKIMA, WA    EUGENE, OR    MEDFORD, OR    TUALATIN, OR    BOISE, ID    ALASKA  
(425) 774-6802    (509) 457-5015    (509) 457-5015    (503) 972-0595    (541) 826-2421    (503) 972-0595    (208) 465-8005    (800) 627-2653



Civil • Mechanical • Electrical • Structural • Geotechnical  
Environmental • Land Surveying • Planning

Bright People. Powerful Solutions. Building Alaska.

Anchorage | Palmer  
907.562.3252 (p) | 907.561.2273 (f)  
[www.crweng.com](http://www.crweng.com)



**AMC Engineers**  
High Performance Building Solutions  
Mechanical, Electrical and Plumbing (MEP) Systems

Anchorage, Alaska | Bellingham, Washington | 907.257.9100 | [www.amc-engineers.com](http://www.amc-engineers.com)

Civil ▲ Structural ▲ Electrical ▲ Mechanical  
Corrosion Control ▲ Fire Protection  
Commissioning ▲ Landscape Architecture

800 F Street | Anchorage, Alaska 99501  
ph 907.276.6664 ▲ fax 907.276.5042

[www.coffman.com](http://www.coffman.com)

**Glenn Evans**  
BRANCH MANAGER

Email [gevans@chchydronics.com](mailto:gevans@chchydronics.com)  
Direct 907.268.2061  
Cell 907.312.6046  
CHCHYDRO.COM

907 E DOWLING RD, UNIT 14, ANCHORAGE, AK 99518

*Simplify...*

Find all of your Architecture, Engineering, and Survey services in one place



Since 1957

[mail@designalaska.com](mailto:mail@designalaska.com)    [www.designalaska.com](http://www.designalaska.com)  
1-800-668-8919    1-907-452-1241



**Rick Loewen**  
201 East 54th Avenue  
Suite 100  
Anchorage, AK 99518

**Andrew Lee**  
phone (907) 561-4747  
fax (907) 562-7473  
[www.jpsheldon.com](http://www.jpsheldon.com)



Hot Gas Bypass



- Building Automation
- HVAC Equipment
- HVAC Service
- Security Solutions
- Parts

**LONG Building Technologies, Inc.**  
www.LONG.com

5660 B. Street  
Anchorage, AK 99518  
907.561.3044 TEL

1853 Standard Ave  
Fairbanks, AK 99701  
907.561.3044 TEL

**MBA Consulting Engineers, Inc.**

*Dedicated to providing mechanical and electrical designs for safe, comfortable, and convenient building systems, within budget, and with minimum operating and maintenance costs.*



3812 Spenard Road, Suite 200 - Anchorage, AK 99517  
Tel: 907.274.2622 - Fax: 907.274.0914  
Email: brads@mba-consulting.net

*We enjoy and embrace any opportunity to solve an engineering problem!*

**Elena Hartford**  
Sales Engineer  
907.202.0395 Mobile  
907.562.6940 Office  
EHartford@mechanicalsales.com

**Jessi Cherry**  
General Manager  
907-279-3320  
907-317-8187  
jcherry@msicontrols.com  
www.msicontrols.com

An Employee Owned Company

**PDC ENGINEERS**  
PLAN • DESIGN • CONSTRUCT

**TROY NIBERT**  
Principal  
Email: tnibert@GoPSi.com  
9210 Vanguard Drive  
Suite 2  
Anchorage, AK 99507-4619

**RSA Engineering, Inc.**  
MECHANICAL AND ELECTRICAL CONSULTING ENGINEERS

RSA has proudly provided Electrical and Mechanical design services in Alaska for more than 30 years.  
907-276-0521  
670 W. Fireweed Lane, Suite 200  
www.rsa-ak.com

**SIEMENS Industry**

Siemens Industry, Inc.  
Building Technologies Division  
5333 Fairbanks Street  
Suite B  
Anchorage, AK 99518

Tel: +1 907 563-2242 Ext. 224  
Direct: +1 907 273-2506  
Mobile: +1 907 227-2199  
Fax: +1 907 563-6139  
jim.mcdonough@siemens.com  
usa.siemens.com

**Jim McDonough**  
Account Executive  
Building Automation

**STINEBAUGH & COMPANY**

**Connor Doyle**  
Sales Engineer

5730 B Street • Anchorage, AK 99518  
cell: 865.201.9173 • phone: 907.345.8021  
www.stinebaugh.com • cdoyle@stinebaugh.com

**Engineered HVAC Solutions**

**STINEBAUGH & COMPANY**

**Doug Franklin**  
President / CEO

5730 B Street • Anchorage, AK 99518  
phone: 907.345.8021 • cell: 907.306.2939  
www.stinebaugh.com • dfranklin@stinebaugh.com

**Engineered HVAC Solutions**

This page will be continually updated. Please get your business card in for the year of 2020-2021. Business cards run from Sept 2020 to May 2021. For sponsorship opportunities and costs, please contact Philip.Hayes.2@outlook.com

Hot Gas Bypass

**STINEBAUGH  
& COMPANY**

**Zach Keller**  
Sales Engineer

5730 B Street • Anchorage, AK 99518  
phone: 907.345.8021 • direct: 907-264-6004  
www.stinebaugh.com • zkeller@stinebaugh.com

**Engineered HVAC Solutions**

**STINEBAUGH  
& COMPANY**

**George Hearin**  
Sales Engineer

5730 B Street • Anchorage, AK 99518  
phone: 907.345.8021 • fax: 907.345.8022  
www.stinebaugh.com • ghearin@stinebaugh.com

**Engineered HVAC Solutions**

 **TRANE** We have a Solution  
Built for You.

Trane is your HVAC Solutions Provider  
Equipment • Controls • Service • Parts

Craig Rohwer      Jordan Privoznik  
crohwer@trane.com      jprivoznik@trane.com

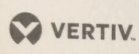
Alaska Trane | (907) 267-7400 | www.trane.com



**Troy Crow, Jr.**  
PMP

Account Executive  
Alaska Sales Office

\*Liebert Products & Services

 **VERTIV.**

o 907 222 6593  
M 907 360 6856  
F 907 562 0777  
E troy.crow@Vertiv.com

5001 Arctic Blvd  
Unit #1  
Anchorage, AK 99503  
United States  
Vertiv.com

**Architects of Continuity™**



Nathan Lang  
Alaska Territory Manager  
Email: nathan.lang@victaulic.com    Cell: 907-205-9445