



March 2018

Alaska Chapter Newsletter Hot Gas Bypass

Anchorage Meeting Information

Presentation:

Humidification Engineering & Practical Applications

Presented By:

Dave Shumway, AMC Engineers & Jason Strauss, Neptronic

Date:

Tuesday
March 12, 2018

Time:

11:30 am: Check-in & Lunch
11:45 am -1:00 pm: Presentation

Location:

BP Energy Center
900 East Benson Blvd. Anchorage, AK 99508

Cost:

Members: \$15
Students: Free

Alaska Chapter Officers and Chairs

Craig Rohwer, President

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Nathan Zeigler, President-Elect

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Cheyenne Alabanzas, Treasurer

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Ruth Armstrong, Grassroots Gov. Advocacy

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Brian Johnson, Student Activities / YEA

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Jeff Hurd, Technology Transfer

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Mak Kampen, Research Promotion

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Jan Van Den Top, Historian

janvdtop@acsalaska.net

Alaska ASHRAE Chapter
PO Box 244503
Anchorage, AK 99524

Secretary's Message:

Hello Members!

We had a successful March joint meeting with ASME with over 40 people attending. Thank you to Dave Shumway and Jason Straus for your presentation.

Our upcoming meeting in April includes hosting an ASHRAE Distinguished Lecturer (DL), Ron Wilkinson, who will be presenting in both Fairbanks on 4/25 and Anchorage on 4/26. The program includes an Overview of ASHRAE Commissioning and will aim to illustrate the benefits Commissioning has for the average facility in the USA and around the world. The meeting will be a joint AIA/ASHRAE meeting. So mark your calendars, be on the lookout for the April meeting announcement, and reserve your space early.

Thank you to all the members who participated in our board member elections this year. We had a successful election with members from across the State participating. Check out page 7 of the newsletter for your 2018-2019 Officers!

Also, there are several upcoming community volunteer events for our members including West High School and the Alaska Science & Engineering Fair. More information on these opportunities is provided in the newsletter on page 7. Get out and share your time, talent, and knowledge with the next generation!

Finally, If you have not already signed up a team, Please get your registrations turned in for our Annual RP Shootout! This is a great event to network and help support ASHRAE RP. If you can't field a team this year, please consider being a Range or Ammunition Sponsor! All proceeds from this event go to benefit ASHRAE Research and Promotion.

Best Regards,

Tracy McKeon
Secretary, Alaska Chapter ASHRAE
tmckeon@crweng.com



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 & Practical Applications**

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 Anchorage, AK 99508**

Cost:
**Members: \$15
 Students: Free**

RSVP:
**Please RSVP to
 Nathan Zeigler at:
 Nathan.Zeigler@contractor
 .conocophillips.com**

**By noon on Monday March
 12th**

Humidification Engineering & Practical Applications

As we are all well aware here in Alaska, humidification is an important engineering consideration that is often overlooked; sometimes with dire consequences. This month we are pleased to announce a joint meeting with ASME focusing on the topic of Humidification.



We will start our meeting with an overview of humidification and lessons learned from Dave Shumway. Dave, who is the Mechanical Engineering department head and Vice President of AMC Engineers, has extensive experience with humidification in the HVAC design field.

Following Dave's discussion, Jason Strauss of Neptronic will provide a detailed presentation on humidification. Jason was born and raised in Montreal. He is one of the original founders of Neptronic and from 1976 through 1984 he was heavily involved with the design and manufacture of the electric series of humidifiers first produced. In 1986, he initiated the manufacturing of the actuation division of Neptronic and then in 1996 he became the marketing director for Neptronics. For the past 20 years he has been doing humidification presentations for engineers, contractors and end users. He has been able to share his extensive understanding of humidification applications, when to apply specific style of humidifiers to fit the application and the do's and don'ts of humidifier installation. His extensive travels throughout the US, Canada, Europe and Asia have given him a real global perspective of building humidification.

Please note that we are deviating from our typical schedule for this month's meeting, which will be held on a Tuesday over Lunch. We are looking forward to this month's meeting and to seeing you there!

Research Promotion:

2017-2018 Research Investors, ASHRAE Alaska Chapter

<u>Organizations</u>	<u>Individuals</u>	
<u>\$1000 & Over</u> Alaska Mechanical Contractors Association Inc. (AMCA) Alaska ASHRAE Chapter	<u>\$250—\$999</u> Jan Van den Top Douglas Murray	<u>Up to \$99</u> Scott Bell
<u>\$500—\$999</u> Design Alaska	<u>\$100-\$249</u> Nathan Zeigler Tracy McKeon Greg Jernstrom Doug LeCren	
<u>\$150—\$499</u> Aaron Plumbing & Heating Arctic Foundations	Mak Kampen Doug Franklin Cheyenne Alabanzas Craig Rowher	
<u>Up to \$149</u> AK Winter, Inc.	Mike Stinebaugh Jennifer Parkhurst	

Fellow ASHRAE Members,

Please review the upcoming RP Shootout announcement attached to this newsletter. With your help we can have a great time while raising money for ASHRAE Research! I hope to see many of you out on the range this Spring.

ASHRAE Research is essential to updates that are made to the Society’s standards and guidelines, which provide uniform methods of testing for rating purposes. The standards and guidelines suggest safe practices for design and installation and provide other information which guides the industry. Every dollar that is donated goes to ASHRAE Research! 100%!

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

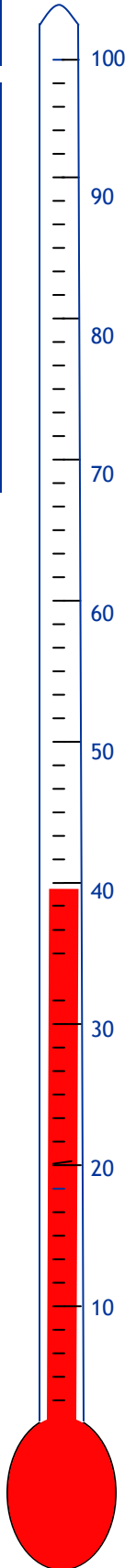
- Go to <http://www.ashraerp.com> and click on “donate”.
- You can mail a check made out to “ASHRAE Research” please put “Alaska Chapter” in the memo line and mail to: ASHRAE Research 1791 Tullie Circle, NE, Atlanta, GA 30329.
- You can donate when you renew your membership on line. After you have made your selections for renewal the next page is for you to donate 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, it should appear next month. Please feel free to contact me if your name is not present below and you made a donation or 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,

Mak Kampen, P.E.
 Alaska Chapter Research Promotion Chair
Matthew.kampen@conocophillips.com





ASHRAE—Alaska Chapter Presents:



RP SHOOTOUT

Date: April 20, 2018
Where: Birchwood Recreation & Shooting Park
Time: 12:00 - 5:00 PM

- Event:
- 1) 5 member teams will be competing in 2 rounds of skeet and 2 rounds of Trap
 - 2) Each team member will be provided with 3 boxes of ammunition.
 - 3) Lunch and drinks will be available.

Cost: \$150 per person

Benefit: All proceeds go to benefit ASHRAE Research Promotion

Shooters:

- 1) _____
- 2) _____
- 3) _____
- 4) _____
- 5) _____

Range Sponsorship: \$150.00

Company Name for Stand: _____

Ammunition Sponsor: \$500

Company/Individual Name: _____

Payment Method (please circle): Credit Card Check

If Check, make payable to: "ASHRAE Alaska Chapter", PO Box 244503,

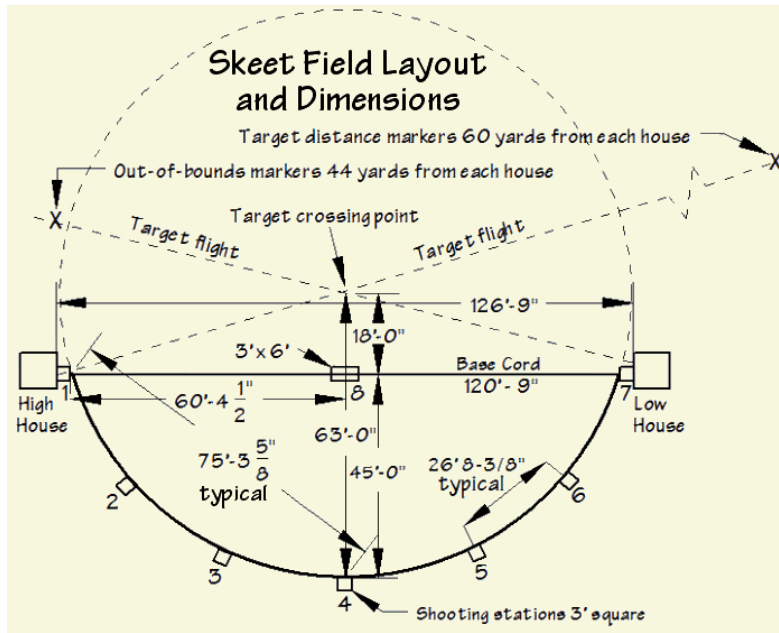
Anchorage, AK 99524

For credit card payments complete the following for an invoice payable by secure server.

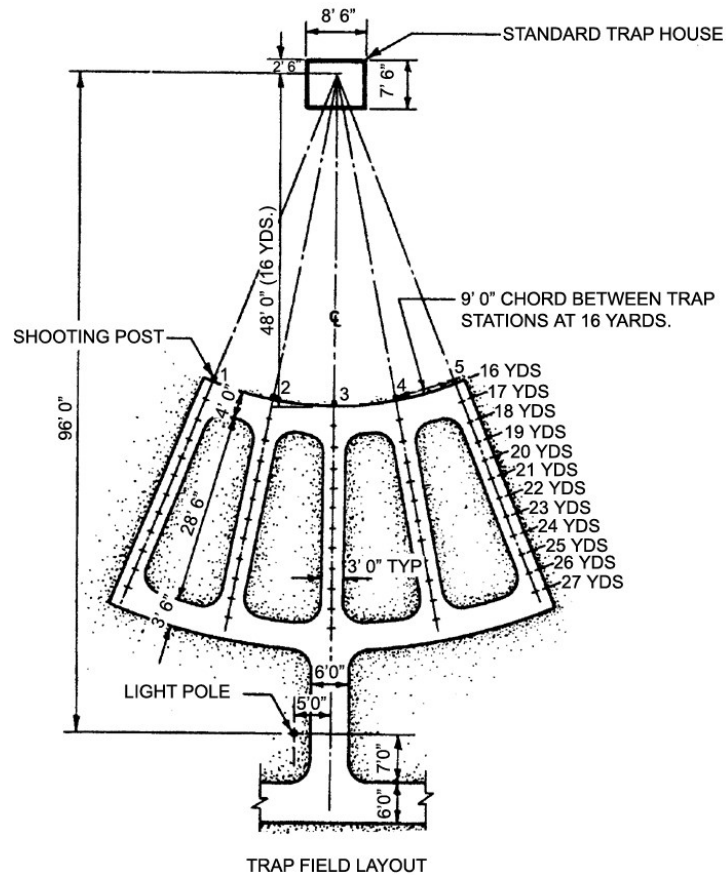
ASHRAE Research Promotion

Please complete form and send to Ruth Armstrong:
rarmstrong@ak.net or Mak Kampen: Mat-
thew.Kampen@conocophillips.com





Trap Field Lay-



CTTC Report for March 2018

Continuing Education:

I'm looking for comments on setting up a seminar or two early this year (2018) for those who need continuing education hours. Due to the cost of the course/s we are looking for some good topics of interest that will be well attended. Please email me if you have any suggestions on course topics.

Here are some suggestions:

- ◆ **Healthcare Facilities: Best Practices for Design & Application**
- ◆ **Integrated Building Design**
- ◆ **Energy Modeling Best Practices & Application**
- ◆ **Air to Air Energy Recovery Fundamentals or Applications**

Technology Award:

The chapter is trying to get individuals or companies to submit for the 2017-2018 ASHRAE Technology Awards for this year (CRC) Chapters Regional Conferences. Please let me know if you have any questions. **Just email me and I'll send you the Technology Award Short Form.** This is a great way to get recognition for the projects that you and your colleague's have been working on. Technology awards include the following:

Milton W. Garland Commemorative Refrigeration Award for Project Excellence - *Recognizes a non-comfort cooling refrigeration app which highlights innovative and/or new technologies.*

Refrigeration Comfort Cooling Award or Project Excellence - *Recognizes designer and owner of a comfort cooling refrigeration app which highlights innovation and/or new technologies.*

Technology Award of Engineering Excellence - *Recognizes on an international scale, successful apps of innovative design which incorporates ASHRAE standards for effective energy management, indoor air quality and mechanical design management technology.*

L.O. Crooks Refrigeration Award - *to encourage excellence in Refrigeration activities and to promote interest in Refrigeration at the Chapter level.*

Ralph Robson Technology Award - *to recognize the best overall winning entry amongst all the categories in the Regional Technology Award Competition*

In addition there are a number of Technology Awards on a Regional level for outstanding engineering in effective energy management, indoor air quality, mechanical design management and innovative and/or new technology for:

- ◆ *New Commercial Facilities*
- ◆ *New Educational Facilities*
- ◆ *Existing Other Institutional*
- ◆ *New Residential*
- ◆ *New Public Assembly*
- ◆ *New Other Institutional*
- ◆ *New Health Care Facilities*
- ◆ *New Commercial Facilities*

If you have any questions or need additional information about submitting your project for an award please email me.

Thank you,
 Jeffery D. Hurd (CTTC)
 Project Management/Civil Engineer I
 Anchorage Water and Wastewater Utility
 Work (907) 786-5526 Cell (907) 317-7285
 Jeff.hurd@awwu.biz

March is Election Month!!!

Thank you all for participating in our annual vote for the 2018-2019 officers! In past years we held the vote at a local Anchorage meeting, limiting the participation. As you may have noticed, this year we went digital with a secure online ballot. This allowed participation across our entire Chapter membership, with members from Fairbanks and Southeast Alaska voting!

Without further delay, below are our 2018-2019 Officers:

President:	Nathan Zeigler
President-Elect:	Tracy McKeon
Secretary:	Cheyenne Alabanzas
Treasurer:	Sam Ratnasigamani



Thank you again for your participation and involvement in our chapter!

VOLUNTEERS NEED AT WEST HIGH SCHOOL

Dear Alaska ASME, ASHRAE, IEEE and ASCE Leaders,

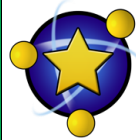
Anchorage West High School is looking to connect with local Engineers to give its students the opportunity to learn more about the profession. West High Students are interested in all disciplines of engineering.

This is an excellent way for us to pay forward our knowledge and experience to the next generation of Alaska engineers. If members of your society are interested in being available to share their expertise, please reach out to the following West High Teacher - David Dobler at Dobler_David@asdk12.org.

Thank you.

Kind Regards,

Christopher Hodgin, P.E., C.E.M., LEED-AP, CCCA
State of Alaska
Department of Transportation & Public Facilities
(907) 269-7484 phone
(907) 269-0805 fax



Alaska Science & Engineering Fair

The Alaska Science & Engineering Fair (ASEF) will be held March 23-25, 2018 at the Northway Mall in Anchorage, Alaska. Registration will be on March 23 and the main judging event March 24. The awards ceremony will be held at the same location on March 25, 2018. The current ASEF schedule has been posted on our website.

Why volunteer?

1. It is an easy way to volunteer and give back to the community.
2. It is exciting and reassuring to see what the next generation of scientists and engineers can do at such an early age!
3. It is a great networking opportunity. Representatives from all disciplines of science are judging at the fair.

The goal is to finalize our program by March 20th for publication, and to confirm the participating organizations. You can find out about the various volunteer and judging opportunities at <https://alaskasciencefair.org/teachers-mentors/information-for-volunteers/>

If you have any questions, please contact Dorothy Harris, Mary Helms, or Jana Lage.

Dorothy Harris
ASEF, Special Awards
907-529-2056

Mary Helms
ASEF, Awards Chair
Marymeet25@aol.com

Jana Lage
ASEF State Director
907-980-9368

Volunteer with Us! We Need Your help!

ASHRAE Volunteer Opportunities:

We currently have an open volunteer position that needs to be filled. Whether you are new to ASHRAE or have been a member for years your Chapter needs your help. Volunteering at the chapter level helps you develop a better understanding of how the Society functions and how to receive the most benefit from your membership while contributing to the growth of ASHRAE.

Volunteering only takes a couple of hours a month. If you are interested, we need to fill the:

- ◆ **Electronic Communications Committee (ECC):** The ECC identifies the electronic communication needs of the membership and staff, recommends and maintains policies, and ensures that the implementation of information technologies meets the objectives and needs of the Alaska Chapter and Society.
- ◆ **Chapter Technology Transfer Chair (CTTC):** The CTCC provides efficient and effective transfer of current and relevant information throughout the HVAC&R industry to and from the Chapters. CTTC develops and maintains high quality and readily available tools to enable Chapters to offer information and attractive industry-related information and programs to all segments within the HVAC&R industry. The CTT Chair coordinates Distinguished Lecturers visits, Technical Seminars for members, chapter programs, and administer CTTC specific



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<https://www.facebook.com/AlaskaASHRAE/>

Save the Date:

Next ASHRAE Meeting
Date: April 26, 2018



Tom Fisher
President

Email: tomfisher@aaronak.com

2143 Standard Avenue
Fairbanks, Alaska 99701
website: www.aaronak.com

Phone: 907-452-3463
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Jim McDonough
Account Executive
Building Automation

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