

# THE HOT AIR DIFFUSER

## Chapter Newsletter

JUNE 2016 Volume 22 Issue 10



### IDAHO ASHRAE CHAPTER OFFICERS

#### Officers

President—Russell Pratt  
[russell.pratt@cshqa.com](mailto:russell.pratt@cshqa.com)

President-Elect—Casey Huffaker  
[chuffaker@siglers.com](mailto:chuffaker@siglers.com)

Secretary—Daniel Russell  
[danr@engineeringinc.com](mailto:danr@engineeringinc.com)

Treasurer—Michael Jones  
[mikejones@seedidaho.com](mailto:mikejones@seedidaho.com)

Past-President—Brad Acker  
[backer@uidaho.com](mailto:backer@uidaho.com)

#### Board of Governors

David Kirkham  
[david@bstcx.com](mailto:david@bstcx.com)

Carl Marcum  
[carl@ymcinc.com](mailto:carl@ymcinc.com)

Dennis Fox  
[dfox@datasitecolo.com](mailto:dfox@datasitecolo.com)

Brad Acker  
[backer@uidaho.com](mailto:backer@uidaho.com)

Xenon Long  
[xloug@ymcinc.com](mailto:xloug@ymcinc.com)

#### Chair Positions

Technology Transfer—Brad Acker  
[backer@uidaho.com](mailto:backer@uidaho.com)

Membership—Katie Leichter  
[kleichter@uidaho.edu](mailto:kleichter@uidaho.edu)

Student Activities—Shane Bird  
[sbird@techairprod.com](mailto:sbird@techairprod.com)

Newsletter—Chris Dyke  
[chrisd@musgrovepa.com](mailto:chrisd@musgrovepa.com)

Historian—Steve Hardy  
[steven.hardy@cshqa.com](mailto:steven.hardy@cshqa.com)

Resource Promotion—Ken Tewksbury  
[ken@robertsonslc.com](mailto:ken@robertsonslc.com)

Publicity—Brent Robertson  
[brent@robertsonslc.com](mailto:brent@robertsonslc.com)

Webmaster—Randy Reed  
[randy@norbryhn.com](mailto:randy@norbryhn.com)

### JUNE: GOLF TOURNAMENT

The 2016 Annual Idaho ASHRAE Golf Tournament will be held on Friday June 17th at Eagle Hills Golf Course. The shotgun style tournament starts at 1:00PM followed by a barbeque dinner.



Please Register online at:  
[www.idahoashrae.com](http://www.idahoashrae.com)

**When:**  
Friday June 17<sup>th</sup>, 2016  
12:00 pm MST

**Where:**  
Eagle Hills Golf Course  
605 N Edgewood Ln.  
Eagle, ID

### MAY: Common & Recurring Mechanical Code Violations

The MAY 2016 monthly ASHRAE meeting took place at the Idaho Power building hosting Tory James from the city of Boise Mechanical Inspection Department. He presented on common and recurring mechanical code violations followed by Q & A session.



ASHRAE, founded in 1894, is an international organization of some 50,000 persons. ASHRAE fulfills its mission of advancing heating, ventilation, air conditioning and refrigeration to serve humanity and promote a sustainable world through research, standards writing, publishing and continuing education.

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## NEWS FROM THE HOME OFFICE

### US Rep. Daniel Lipinski (D-IL-3) Submits Statement to the Congressional Record in Support of Building Energy Codes

In recognition of the importance of building energy codes, US Representative Daniel Lipinski (D-IL-3) – one of the few engineers in Congress – submitted the following statement, which was included in the [Congressional Record](#):

“Mr. Speaker, I rise today to highlight the importance of building energy codes. As a member of the High Performance Building Caucus, I recognize the need to pursue cost effective means to promote energy efficiency.

“American homes and commercial buildings consume 71 percent of our nation's electricity, 54 percent of its natural gas, and 42 percent of all its energy. The model residential and commercial building energy codes developed by the International Code Council and ASHRAE, the American Society of Heating, Refrigerating, and Air-Conditioning Engineers, have the potential to benefit both consumers and the environment. The Department of Energy's Building Energy Codes Program participates in this process by researching, further developing, and implementing these codes. A study of this program by the Pacific Northwest National Laboratory found that model energy codes saved consumers roughly \$44 billion and cut greenhouse gas emissions by nearly 3.9 billion metric tons over the past 20 years. In addition, the energy efficiency gained by updating building energy codes stands to stabilize the U.S. demand for electricity and decrease the need to construct more power plants.

“The economic and environmental benefits of model building codes are also appreciated by homebuyers. According to a 2013 survey conducted by the National Association of Home Builders, 9 out of 10 Americans will pay 2 to 3 percent more for a new home with energy efficient features.

“Homeowners understand that having an energy efficient home reduces monthly utility bills and provides long-lasting savings. Additionally, many homebuyers are aware that energy efficient features make their homes quieter and more comfortable, while also raising their resale values.

“Mr. Speaker, it is clear from all of the benefits gained from building energy codes that we should continue to support upgrading model codes, adopting the codes in state and local jurisdictions, and improving compliance. This will save Americans money, contribute to our nation's energy security, and help protect our environment.”

### DOE Issues Direct Final Rule on Energy Conservation Standards for Certain Heating, Air Conditioning Equipment and Commercial Warm Air Furnaces

The US Department of Energy (DOE) has published a direct final rule establishing amended energy conservation standards for small, large, and very large air-cooled commercial package air conditioning and heating equipment and commercial warm air furnaces.

### Rural Utilities Service Seeks Public Comment on Measurement & Verification of Energy Efficiency Measures

The Rural Utilities Service (under the US Department of Agriculture) is soliciting public comments on the establishment of a plan for measurement and verification of energy efficiency measures implemented and funded pursuant to the new Rural Energy Savings Program (RESP). The purpose of the RESP is to help rural families and small businesses achieve cost savings by providing loans to qualified consumers to implement cost-effective energy efficiency measures.

### DOE Proposes Rule on Energy Conservation Standards for Compressors

DOE has issued a notice of proposed rulemaking (NPR) and announced a public meeting on energy conservation standards it is proposing for compressors. The Department will hold a public meeting on Monday, June 20, 2016 from 1:00 p.m. to 5:00 p.m. in Washington, DC. The test procedure portion will be held in the morning. The meeting will also be broadcast as a webinar.

DOE will accept comments, data, and information regarding this NPR before and after the public meeting, but no later than July 18, 2016.

### DoD, GSA, NASA Issue Final Rule Amending the Federal Acquisition Regulations on High GWP HFCs

The US Department of Defense (DoD), General Services Administration (GSA), and National Aeronautics and Space Administration (NASA) have issued a final rule amending the Federal Acquisition Regulations to implement Executive branch policy in President Barack Obama's Climate Action Plan to procure, when feasible, alternatives to high global warming potential (GWP) hydrofluorocarbons (HFCs). According to the announcement in the *Federal Register*, the final rule will allow Federal agencies to better meet the greenhouse gas emission reduction goals and reporting requirements of Executive Order 13693, Planning for Federal Sustainability in the Next Decade

## NEWS FROM THE HOME OFFICE CONTINUED...

### Town Hall Meeting In Flint, MI Features ASHRAE Speakers on Standard 188

On Friday, May 20 the Genesee County Health Department held an informational Town Hall meeting in Flint, MI to discuss the prevention of Legionnaires' Disease in Flint and the surrounding community. With almost a ten-fold increase in the reported cases in 2014 and 2015, and 7 deaths, the Genesee County Health Department continues its outreach program to educate community members and building operators and owners on the use of ASHRAE Standard 188-2015 to help prevent legionellosis in the community.

The forum was led by Public Health Supervisor Suzanne Cupal, M.P.H. Jim Henry, Environmental Health Director, made remarks on what the Genesee County Health Department is doing to stem the increase in reported cases. Michael Patton of ASHRAE SSPC 188 offered a detailed presentation on the causes of the disease and how the implementation of Standard 188-2015 for building water systems can help prevent disease. On hand to field questions and assist attendees on finding additional resources was SSPC 188 member Dr. Janet Stout and ASHRAE GGAC member and Regional Vice Chair Sonya M. Pouncy.

### State of the Air 2016

The American Lung Association (ALA) released its "State of the Air 2016" report which ranks the United States' metropolitan areas based on ozone and particle pollution during 2012, 2013 and 2014. For particle pollution, ALA ranks separately the areas with high year-round (annual average) levels and high short-term levels (24-hour) found in monitoring sites across the United States. Official data from the US Environmental Protection Agency (EPA) is used to compile the rankings. To view the report or to see if your city is on the list, please go to <http://www.lung.org/our-initiatives/healthy-air/sota/city-rankings/>.

### Legislative Action in the States

It has been several months since the status of various US State legislatures has been reported on in the *Government Affairs Update*, and many of legislatures have now adjourned. This year, most States hold short sessions, as a result, the vast majority of new legislative action will emerge in 2017. Below is a brief synopsis of activity for legislatures that have adjourned since the last report.

- Alabama – the legislature adjourned on May 6 however the State continues to be embroiled in controversy. There were legislative attempts to impeach the Governor, the Speaker of the House was been indicted on 23 felony corruption charges, and the Chief Justice of the State Supreme Court was suspended from his seat on the Court pending trial on a list of six ethical violations.
- Alaska – the Alaska legislature adjourned on May 18 without passing a State budget, immediately prompting Governor Bill Walker (I) to call a special session to resolve the outstanding budget issues that began on May 23. In addition to the State budget, the Governor has asked for the special session to consider, among other issues, capital budget bills and tax increases on consumption and natural resource extraction.
- Arkansas – the General Assembly adjourned its session on May 9 after approving a \$5.33 billion budget bill.
- Arizona – legislators adjourned the session on May 7. During their last day, lawmakers voted on more bills than they passed during the entire 116 prior days of the session, sending more than 100 possible new laws to Gov. Doug Ducey (R) for consideration.
- Colorado – legislators adjourned on May 11 after lawmakers were unable to reach an agreement on infrastructure improvement funding and budget reforms. Governor John Hickenlooper (D), who does not possess a pocket veto, has until June 11 to sign or veto legislation that reaches his desk.
- Connecticut – State lawmakers adjourned their session on May 4, though they returned to the capitol May 12 for a special session to finalize the budget.
- Georgia – the Georgia legislature adjourned on March 25 after passing its State budget.
- Hawaii – lawmakers adjourned the regular session on May 4 after approving a measure to provide a \$100 million program to climate-control 1,000 classrooms. However, they were unable to reach an agreement on renewable energy rebates. Governor David Ige (D), who does not possess a pocket veto, has until June 20 to sign or veto legislation that reaches his desk.
- Idaho – the Idaho legislature adjourned on March 24 after passing a State budget.
- Iowa – lawmakers in Iowa adjourned their session on April 29 after passing a \$7.3 billion State budget that included funding for infrastructure improvements but were unable to reach an agreement on funding for water quality projects. Governor Terry Branstad (R), who does not have a pocket veto, has until May 31 to sign or veto legislation just passed by the legislature.

## NEWS FROM THE HOME OFFICE CONTINUED...

- Kansas – the legislature ended regular floor sessions on May 2 after narrowly passing a \$6.3 billion budget with a \$22 million projected spending gap. The legislature is expected to return June 1 to consider vetoes from the Governor.
- Kentucky – lawmakers in Kentucky adjourned the 2016 legislative session on April 15 after passing a revenue bill to finance State operations and approving funding for infrastructure improvements.
- Maine – the legislature in Maine adjourned on April 29 after its final day veto session. Legislators there were unable to override a veto from Governor Paul LePage (R) on a bill that would have boosted solar energy programs.
- Maryland – lawmakers in Maryland completed the 2016 regular session on April 11 and adjourned. Governor Larry Hogan (R) – who does not possess a pocket veto – has until May 31 to sign or veto legislation that reaches his desk.
- Minnesota – legislators in Minnesota adjourned on May 22 after failing to reach an agreement on a transportation funding proposal and an infrastructure improvements package, including mass transit funding. Governor Mark Dayton (D), who possesses pocket veto, has until June 7 to sign or veto legislation that reaches his desk.
- Mississippi – the legislature adjourned on April 21 after passing a \$6 billion budget that cut spending across the board due to lower than estimated State revenues.
- Nebraska – the legislature adjourned on April 20 after passing a revised State budget that held growth to 3.6%.
- South Dakota – Lawmakers wrapped up the 2016 regular session on March 29 with the annual veto session. Legislators were unable to override Governor Dennis Daugaard's (R) four vetoes from the session.
- Tennessee – the Tennessee legislature adjourned on April 22 after approving a \$34.9 billion budget.
- Vermont – legislators in Vermont adjourned the regular session on May 6 after approving a \$2.5 billion State budget and providing for greater public input for alternative energy proposals.
- Virginia – the Virginia legislature returned on April 20 for a one-day session to review Governor McAuliffe's (D) vetoes, one of which provided millions in coal tax credits. None of the vetoes were overridden. The regular session had ended on March 11.
- Washington – Lawmakers adjourned the special session on March 29 after approving a \$191 million supplemental budget to the \$38.2 billion budget passed in 2015. The regular session had ended on March 10.
- West Virginia – Governor Earl Ray Tomblin (D) called lawmakers into a special session, beginning May 16, to finalize the State budget legislators could not pass during the regular session. They will specifically consider closing a projected \$270 million spending gap. A new spending plan is needed by July 1.

# ADVERTISEMENTS

## **Online Advertising!!**

Get your business card posted on

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

\*renewals are due now

Annual Business Card Ad on Website: **\$50**



## **Professional Development Hours**

Professional Development Hours are now available at

ASHRAE monthly meetings!





Interested in becoming more involved with your local ASHRAE Chapter? Positions will be opening up soon!

Please contact Russell Pratt @ [russell.pratt@cshqa.com](mailto:russell.pratt@cshqa.com) for more information.





# ASHRAE Idaho Chapter

## GOLF TOURNAMENT

- 4 PERSON SCRAMBLE TO BENEFIT THE IDAHO CHAPTER

**WHERE:** EAGLE HILLS GOLF COURSE

**WHEN:** 1:00 PM, FRIDAY, JUNE 17th, 2016 SHOTGUN START

**FOOD:** BARBECUED HAMBURGERS, CHIPS, AND SALAD WILL BE SERVED FOR DINNER FOLLOWING THE TOURNAMENT.

**PRICES:** EARLY BIRD COSTS: \$100 PER PERSON, \$400 PER TEAM  
AFTER May 22nd COSTS: \$110 PER PERSON, \$440 PER TEAM  
- SINGLE PLAYERS WELCOME!  
-\$15.00 FOR ADDITIONAL DINNER GUESTS

**INCLUDES:** 18 HOLES OF GOLF, CART, GOLF BALLS ON THE RANGE, FOOD, DRINKS, DOOR PRIZES, AND A \$10,000 HOLE IN ONE PRIZE

**SPONSORS:** TEE OR GREEN COMPANY LOGO SIGN-\$150  
*\*INCLUDES ONE TEE OR GREEN SPONSOR SIGN WITH COMPANY LOGO*

**TEE AND GREEN LOGO SIGNS-\$250**  
*\*INCLUDES ONE TEE AND ONE GREEN SPONSOR SIGN WITH COMPANY LOGO*

**HOLE-IN-ONE PRIZES-\$500**  
*\*INCLUDES FOUR PRIZE SIGNS WITH COMPANY LOGO. INSURANCE FOR PRIZES IS INCLUDED IN THIS COST.*

**INTERACTIVE DISPLAY BOOTH-\$400**  
*\*INCLUDES TEE OR GREEN SPONSORS SIGN WITH COMPANY LOGO, INTERACTIVE DISPLAY ON SELECTED TEE OR GREEN(FIRST AVAILABLE), AND 1 DINNER*

**TITLE SPONSORSHIP FOR DINNER PLATINUM LEVEL -\$1,000**  
*\*INCLUDES 6'x3' BANNER AT CLUBHOUSE, BRANDING ON ALL SCORECARD AND INSTRUCTION SHEETS AND 5 MINUTES FOR ADDRESSING TO THE GROUP AT DINNER*

**TITLE SPONSORSHIP FOR DINNER SILVER LEVEL -\$500**  
*\*INCLUDES 4'x2' BANNER AT CLUBHOUSE, BRANDING ON ALL SCORECARD AND INSTRUCTION SHEETS*

**DEADLINE FOR REGISTRATION AND SPONSORS  
IS JUNE 10, 2016**

TO REGISTER, PLEASE GO ONLINE TO [www.idahoashrae.com](http://www.idahoashrae.com) AND PROCEED TO THE EVENTS CALENDAR WHERE YOU CAN FIND ALL BILLING INFORMATION. HANDICAPS FOR ALL PLAYERS WILL BE NEEDED TO COMPLETE THE FORM WITH A MAXIMUM OF 30. IF YOU NEED FURTHER ASSISTANCE OR ARE A SINGLE PLAYER WANTING TO BE PLACED ON A TEAM, PLEASE COORDINATE WITH SPENCER SHEPARD- EMAIL: [spencers@ctagroup.com](mailto:spencers@ctagroup.com), PH#: 208 336-4900



# ASHRAE Idaho Chapter

## GOLF TOURNAMENT

### REGISTRATION FORM

#### TEAM COORDINATOR

**COMPANY:**  
**NAME:**  
**PHONE:**  
**EMAIL:**

#### INDICATE LEVEL OF SPONSORSHIP BELOW:

- |   |         |
|---|---------|
| <input type="radio"/> NONE                      | \$0     |
| <input type="radio"/> TEE                       | \$150   |
| <input type="radio"/> GREEN                     | \$150   |
| <input type="radio"/> TEE&GREEN                 | \$250   |
| <input type="radio"/> INTERACTIVE DISPLAY BOOTH | \$400   |
| <input type="radio"/> SILVER                    | \$500   |
| <input type="radio"/> PLATINUM                  | \$1,000 |

**\*-See attached flyer for further information on sponsorships**

**If available, please include the following information:**

PLAYERS NAME	HANDICAP(30 max)
1. _____	_____
2. _____	_____
3. _____	_____
4. _____	_____

Player names and handicaps needed by Wednesday, June 8th, 2016.

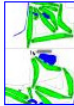
Please signup and pay online at [idahoashrae.com](http://idahoashrae.com) or return completed form along with payment to Spencer Shepard @ 800 W. Main St., Suite 800, Boise, ID 83702. PH# 208 336-4900. F#208 343-3531. Email [spencers@ctagroup.com](mailto:spencers@ctagroup.com)

# EAGLE HILLS GOLF COURSE, near Eagle, ID

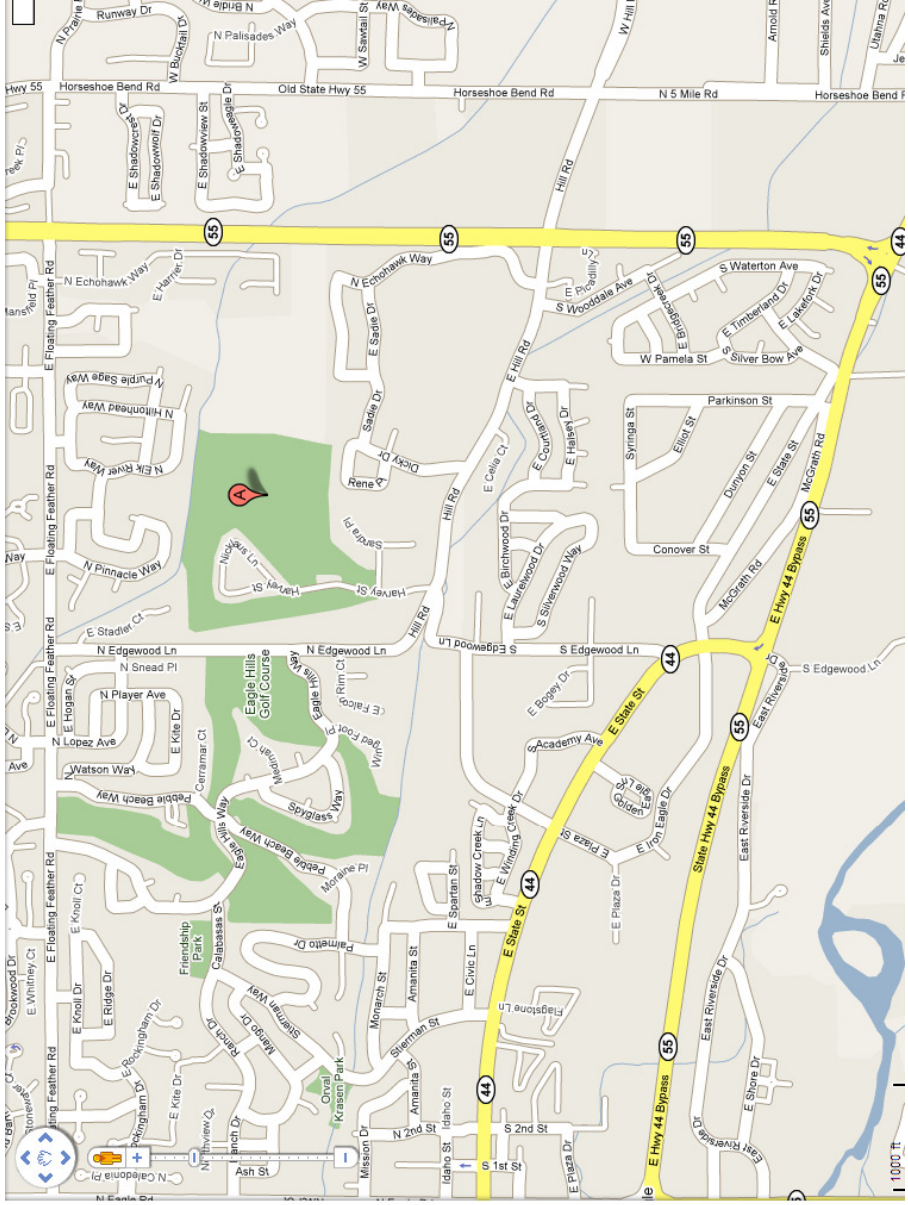
Categories: Golf Courses, Grounds



**Eagle Hills Golf Course** - [more info](#) »  
605 N Edgewood Ln, Eagle, ID -  
(208) 939-0402  
[1 review](#) · [Write a review](#)



See all 156 results for [EAGLE HILLS GOLF COURSE](#).



# 2016 Chapter Regional Conference

## Regional IX

In Omaha! Nebraska

August 3-4-5-6

PLEASE JOIN US FOR THIS GREAT OPPORTUNITY TO SHOW OFF HOW NICE NEBRASKA CAN BE!!



\*All Social Functions and Technical Sessions may be purchased ala-carte!

### Conference Highlights:

Wednesday Aug 3<sup>rd</sup> :

Afternoon Golf Outing at Iron Horse  
Social Hour at Hilton Omaha Downtown

Thursday Aug 4<sup>th</sup>:

Morning Golf outing at Quarry Oaks  
Welcome Reception at Hilton Omaha Downtown Liberty Tavern

Friday Aug 5<sup>th</sup>:

ASHRAE Business Sessions  
President's Luncheon with keynote speaker **Tim Wentz** –  
ASHRAE Society President  
Technical sessions held in conjunction with the  
*Nebraska Architectural Engineering Conference and Expo*  
Henry Doorly Zoo Facility Technical Tours  
Evening banquet in the Henry Doorly Zoo Scott Aquarium

Meet me in  
Omaha!

Saturday Aug 6<sup>th</sup>:

Regional IX Committee Training Workshops  
ASHRAE Business Sessions  
Region IX Awards Luncheon  
Historic River City Star Sunset Cruise

Accommodations and Venue at the Hilton Omaha Downtown

For Questions, please visit [www.neashrae.org](http://www.neashrae.org)

or contact Tyler Glesne at [tglesne@ameresco.com](mailto:tglesne@ameresco.com)



## **Engineering Incorporated**

In the beginning, Don Wisdom was doing the engineering for Thermal Engineering Company, a manufacturer's representative which was the predecessor to Richardson Equipment Company. The Idaho Board of Engineers required this engineering to be done by a professional engineer, so in 1957, Don Wisdom became a licensed Professional Engineer and started his own company, Donald D. Wisdom & Associates, with Charles Sudweeks and Jerry White.

In 1969, the company was renamed Engineering Incorporated with Don Wisdom, Terry O'Rourke, George Eidam, and Charles Sudweeks as the original partners. They had offices in Boise, Pocatello, and Jackson Hole. Charles Sudweeks was in charge of the Pocatello and Jackson Hole offices.

The original Boise office was located at 1108 Idaho Street. They employed two design engineers, ten production people (designers and drafters), and three admin people. John Kennedy was their mechanical inspector and Leslie Stith was their electrical inspector for construction site visits. In 1970, they built a new office at 6600 Emerald Street which they occupied until the early 1980's. In 1981 or 1982, they moved to their present location at 2222 S. Broadway.

Mike Wisdom started with the company in 1971. He started at the bottom, emptying ashtrays, filing catalogs, and doing as-builts and worked his way up. Mike became one of the first mechanical engineers in Idaho to become LEED AP. Don Wisdom retired in 1991, and Mike Wisdom took over as president of the company.

More than sixty people have worked at Engineering Incorporated and moved on to other endeavors. In 1970, Jerry White left and started his own firm. In 1972, George Eidam left the company. In 1975, Charles Sudweeks split off with Engineering Incorporated, but remained in the Pocatello office. In 1976, Terry O'Rourke left and started his own firm. Les Stith and Bob Tikker also worked for Engineering Incorporated before starting their own firms.

Engineering Incorporated has licenses in Utah, Nevada, Oregon, Washington, Idaho, and Alaska and has completed between 150 and 200 mechanical engineering projects a year for the past 25 years. Some notable projects include the Archie Teeter house (designed by Frank Lloyd Wright) heating system, Cactus Pete's original mechanical systems, the Steve Wynn house in Sun Valley, the Wells Fargo Tower, the Morrison Center, the Grove Hotel, Imperial Plaza, Capital High School, Cathedral of the Rockies, Jackson Lake Lodge and Bungalows, the Kibbe Dome and Mining and Forestry Building at the University of Idaho, a Performing Arts Center in Anchorage, AK, and a community center in Delta, AK. At INEL, Don designed a cask cooling system to transfer nuclear material from the plant to a hangar where a nuclear powered airplane was being built.

On January 1, 2016, Engineering Incorporated was bought by Cator Ruma & Associates out of Lakewood, Colorado.

Both Don and Mike Wisdom have been active ASHRAE members. In 1949, Don worked on two national technical committees for ASHVE, TC3.1 and TC6.1. When the American Society of Heating Engineers had a conference in Boise, Don was asked to present a seminar on duct sizing. This presentation was used to formulate a chapter in the handbook on duct sizing. Mike first joined ASHRAE as a student member in 1972, and became the third president of the Idaho Chapter for the 1982-83 year.