

**TOPICS THIS MONTH**

- February Meeting
- Presidents Corner
- January Meeting Recap
- Training Opportunities
- Upcoming Meetings
- RP Progress

THIS MONTH AT ASHRAE**Boiler Codes and History**

Date: Monday, February 22nd

Location: Des Moines Social Club
900 Mulberry St, Des Moines, IA 50309

Times:

11:15am	Sign-in
11:45am	Lunch Served, Meeting and History Presentation
12 pm	Presentation

Topic: Iowa Boiler Code Review – Common Design/Installation Mistakes and Lessons Learned

Speaker: Ulrich (Rick) Merkle
Chief Boiler and Pressure Vessel Inspector
Iowa Workforce Development
State of Iowa – Boiler Dept

Cost: *Free to ASHRAE Iowa Chapter Members
\$15 for Guests*

Register at www.ashraeiowa.org if you plan to attend.

PRESIDENT'S CORNER:

Greetings, everyone! It was great to see everyone at our January meeting. I'd like to extend a thank-you to our speakers and tour leaders, Shannah Eitter with Hussman and Jon Scanlan with Hy-Vee, as well as our social hour sponsor, Hart-Hammer. The tour was great and I'm thinking of shopping at the Urbandale Hy-Vee from now on just so I can figure out where all that CO2 piping goes.

I'm really looking forward to our **February 22nd** meeting. **Rick Merkle**, Chief Boiler and Pressure Vessel Inspector, will be presenting at the Monday **lunch** meeting at the **Social Club** downtown. He will be presenting an "Iowa **Boiler Code Overview, Common Design/Installation Mistakes and Lessons Learned**." This is a super practical topic whether you're a designer or installer, and it's a new and exciting location for us so I hope to see you there. As extra enticement, Justin Barrett will present on chapter history before lunch. It. Will. Be. Epic. I think that's what he promised at least.

You can win a shiny \$20 gift certificate to Starbucks! We have a raffle going on now for everyone who becomes an honor roll RP donor before the February meeting. Contact me or David Poetting, our RP co-chair, if you have any questions. So far your only competition in the draw is Dan Zaug.

March will be a big meeting for us. March 15th is our SuperTECH (Teaching Engineering (of) Cooling (and) Heating (I just made that up)) meeting! Chris Mathis, ASHRAE DL, will be presenting "Why Buildings Matter and the Role of ASHRAE 90.1." This has been approved for 1 AIA and 1 GBCI CEU credit hour. This will be a late afternoon/evening meeting. Bring your architect friends, the information will be pertinent to us all.

Don't forget that the ASHRAE Region VI Chapters Regional Conference (CRC) is coming up in Madison, Wisconsin, April 28-30. Check it out at [this link!](#)

I look forward to seeing some familiar faces, as well as new ones, at these upcoming events!

Matt Gumm ([email link](#))
Iowa ASHRAE Chapter President 2015-2016



What does this picture have to do with HVAC? Nothing. I'm just looking forward to green grass and riding my bike.

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www.ashraeiowa.org

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PAST ASHRAE IOWA CHAPTER PRESIDENTS

Justin Barrett	2014-2015
Tim Conrad	2013-2014
Matt Jesson	2012-2013
Kelly Crow	2011-2012
Holly Elbert	2010-2011
Roger Leshner	2009-2010
Kit Cartwright	2008-2009
Jerrold Sieverding	2007-2008
Jason Kems	2006-2007
Chuck Heldenbrand	2005-2006
Jeff Gross	2004-2005
Ron Engelhardt	2003-2004
Dan Zaug	2002-2003
Susan Oltrogge	2001-2002
Christopher Nelson	2000-2001
Donald Swanson	1999-2000
Edward Truslow	1998-1999
James Hall	1997-1998
Robbin Vannoy	1996-1997
Mark Conway	1995-1996
Paul Melton	1994-1995
Gregory Maxwell	1993-1994
Jeffery Hammer	1992-1993
Jack Culp	1991-1992
James Lee	1990-1991
Clint Leonard	1989-1990
Charles Pedersen	1988-1989
Gary Reynolds	1987-1988
Dennis Hogan	1986-1987
Eugene Zefron	1985-1986
Donald Hagge	1984-1985
Robert Rist	1983-1984
Joseph Proctor	1982-1983
Mark Allen	1981-1982
Curtis Klaassen	1980-1981
Gerald Anderson	1979-1980
C.W. Miller	1978-1979
Richard South	1977-1978
Verne Stewart	1976-1977

Curtis Hammer	1975-1976
Ralph Schilling	1974-1975
Donald Bonicamp	1973-1974
Kent Mosher	1972-1973
Thomas Van Hon	1971-1972
Robert McBride	1970-1971
William Whitman	1969-1970
Einar Dahl	1968-1969
Eugene O'Neil	1967-1968
James Green	1966-1967
Neil Hanson	1965-1966
Bob Flanagan	1964-1965
Lyndon Kelley	1963-1964
Elwood Giberson	1962-1963
Vern Polly	1961-1962
John Bain	1960-1961
Crom Campbell	1959-1960
R.T. Howard	1958-1959
W.A. Schworm	1957-1958
D.E. Schroeder	1956-1957
G.J. Kraai	1955-1956
W.E. Nanes	1954-1955
J.F. Sandfort	1953-1954
R.H. Schnell	1952-1953
C.H. McGuinness	1951-1952
R.S. Stover	1950-1951
D.E. Wells	1949-1950
D.C. Murphy	1948-1949
C.A. Wheele	1947-1948
E.O. Olson	1946-1947
B.E. Landes	1945-1946
W.W. Stuart	1944-1945
C.W. Helstrom	1943-1944
P.E. Triggs	1942-1943
Perry LaRue	1941-1942
R.A. Norman	1940-1941
Tracy Johnson	1939-1940
W.R. White	1938-1939

January Meeting Refrigeration



Thanks to everyone who attended the January Meeting at Hy-Vee.

A special thanks to Shannah Eitter with Hussman and Jon Scanlan with Hy-Vee for speaking and leading the tour.



Upcoming Training Opportunities

Training: TRACE™ 700 Software for Energy Efficient and Low Cost System Design and Analysis

The Iowa Energy Center will sponsor three different [TRACE 700 software trainings](#) April 26-28. The trainings will be held at the Iowa Energy Center's Energy Resource Station in Ankeny, Iowa. Computers with TRACE™ 700 software will be provided. Participants may register for any or all trainings. Please take note of suggested prerequisites.

TRACE™ 700 Load Design

Tuesday, April 26

TRACE™ 700 Energy Analysis*

Wednesday, April 27

TRACE™ 700 LEED & ASHRAE Standard 90.1**

Thursday, April 28



Location

Energy Resource Station

Bldg. 23, DMACC
2006 S. Ankeny Blvd.
Ankeny, IA 50023

Registration

Cost: \$150 per day (Includes continental breakfast and lunch)

Seating is limited to 20 students each day.

Deadline: April 8, 2016

See link above for additional information

Understanding and Managing VFDs for Fan & Pump Applications

The Iowa Energy Center will co-sponsor a one-day training, [Understanding and Managing VFDs for Fan and Pump Applications](#) on Thursday, April 14, 2016. The training will be held in the auditorium of the Iowa Association of Municipal Utilities building in Ankeny, Iowa. This course will provide an overview of the subject of variable frequency drives (VFDs) commonly used in motor control applications on fans, pumps, compressors and other equipment used in commercial/industrial settings.

A full agenda can be found [here](#).

Location

Iowa Association of Municipal Utilities (IAMU)

1735 NE 70th Avenue
Ankeny, IA 50021

Registration

Cost: \$100 (Includes continental breakfast and lunch). A 50% discount applies for students, industrial/commercial customers and members of Corn Belt Power Cooperative or Central Iowa Power Cooperative (CIPCO). If the registered individual cannot attend, a substitute may be sent. Refunds will be made to those who cancel on or before March 31 minus a \$25 processing fee.

UPCOMING MEETINGS:

March Meeting – Tech Session

Date: *Tuesday, March 15th*

Location: Marriot on Jordan Creek
1250 Jordan Creek Pkwy, West Des Moines, IA 50266

Program: Tech Session – DL Christopher Mathis

Topic: Why Buildings Matter and the Role of ASHRAE 90.1

Look for more details in the March Newsletter!

2015-16 Meeting Dates

MONTH	Topic	Date
July	-	-
August	-	-
September	-	-
October	-	-
November	-	-
December	-	-
January	-	-
February	Des Moines Chief Boiler Inspector	22
March	Supertech Meeting	15
April	ASHRAE Webcast – Making Net Zero Net Positive	21
May	Spring Fling	TBD

Winter Meeting	-	-
CRC	Region VI CRC –Madison, WI	Apr 28-30
Summer Meeting	2016 Annual Conference – St Louis, MO	Jun 25-29



ASHRAE'S Attics & Antiques:

We have gone digital! Attics & Antiques can be found on the ASHRAE Iowa Website. Click on the link below to Check It Out!

[ASHRAE's Attics & Antiques](#)

Training Opportunity

3-day HVAC Design: Level I – Essentials training and the 2-day HVAC Design: Level II – Application is confirmed for April 25-27 and April 28-29, 2016 respectfully. The training will be held in Minneapolis, MN. As in the past, I would like to ask the Iowa Chapter to help us promote the training throughout Region VI. A promotion from the Chapter is a huge endorsement to our efforts!

Visit the HVAC Design Training webpage at <https://www.ashrae.org/hvactraining> for more details on the value of this training.

Technology Awards Deadline

The **Technology Award** deadline of March 14th is approaching fast.

The Technology Awards recognize ASHRAE members who design and/or conceive innovative technological concepts that are proven through actual operating data. Awards are given for new and retrofit applications for several categories of buildings, industrial facilities and processes. Chapter award winners can be submitted into Regional competitions, and Regional winners are invited to compete for Society level Awards. Applications are judged with respect to energy efficiency, indoor air quality, innovation, operation & maintenance, cost effectiveness, environmental impact and quality of presentation. Society level award winners get written up in the ASHRAE Journal.

The ASHRAE Iowa Chapter is soliciting Technology Award Applicants. The purpose of the awards is three-fold:

- To recognize ASHRAE members who design and/or conceive innovative technological concepts that are proven through actual operating data.
- To communicate innovative systems design to other ASHRAE members.
- To highlight ASHRAE technological achievement to others, including associated professionals and societies worldwide, as well as building and facility owners.

If interested in submitting a project, contact Iyhab Hasan at ih966@msn.com

Submissions for the chapter level will be due by **March 14th, 2016**.

For more information on the Technology Awards Program visit:
<https://www.ashrae.org/technologyawards>

ASHRAE Iowa Research Investors 2015-2016					
Individual Investors HR = Honor Roll participants \$100 min		17.5% OF GOAL	\$15,688.00 -TO GO!	Company Investors HR = Honor Roll participants \$150 min	
Mr Jason E Kems	HR	\$18,000		Integrity Test & Balance	HR
Mr Mark G Conway	HR	\$17,500		Dahl Air Conditioning & Heating	HR
Mr Kit C Cartwright	HR	\$17,000		Shive-Hattery Inc	HR
Mr Andrew L Pospisal	HR	\$16,500		Systems Management & Balancing Inc	HR
Mr Kit C Cartwright	HR	\$16,000		Vest-Feld-Hazer	HR
Mr Justin J Barrett, PE	HR	\$15,500			
Mr Daniel L Ponxs	HR	\$15,000			
Mr H Fred Miller	HR	\$14,500			
Mr Luke Miller	HR	\$14,000			
Mr James Edward Hall	HR	\$13,500			
Mr David Poetting	HR	\$13,000			
Mr Matt Gumm, PE	HR	\$12,500			
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Mr Frederic Littleton Miller, PE	HR	\$11,500			
Mr Ronald Engelhardt	HR	\$11,000			
Dr Xiaohui Zhou, PE	HR	\$10,500			
Mr Christopher W Nelson	HR	\$10,000			
Mr Patrick A Peterson	HR	\$9,500			
Mr James A Lee	HR	\$9,000			
Mr Paul K Melton	HR	\$8,500			
Mr Dale M Vest	HR	\$7,500			
		\$7,000			
		\$6,500			
		\$6,000			
		\$5,500			
		\$5,000			
		\$4,500			
		\$4,000			
		\$3,500	\$3,325.00		
		\$3,000			
		\$2,500			
		\$2,000			
		\$1,500			
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