



Mississippi Valley Chapter Newsletter

May 2010

<http://www.mississippivalleyashrae.org>

Monthly Newsletter

Important Dates

- May 20, 2010
The US Army Corps of Engineers:
Commissioning Lessons Learned.
- June 4, 2010
Golf Outing

The US Army Corps of Engineers: Commissioning Lessons Learned.

James Snyder

James Snyder retired from the U.S. Navy in 1988 after twenty years as a Qualified Submariner and Nuclear Power Trained Senior Chief Machinist Mate and Engineering Laboratory Technician. James worked as a Tech Writer for Unisys where he was responsible for the production of three Operation and Maintenance Manuals on Lithium Bromide Air Conditioning Units for the U.S. Navy. In late 1989, James went to work for Mare Island Naval Shipyard where he was the Section Supervisor for the Propulsion Test Section.

When the shipyard closed in 1994, James came to Ft. Sill as a Mechanical Engineering Technician working for the U.S. Army Corps of Engineers. He is responsible for all mechanical systems on all of the projects at Ft. Sill, Oklahoma, Altus AFB, Oklahoma, and Sheppard AFB, Texas.

James has performed more than 75 commissionings on various projects at these three bases. He has been to Korea and Baghdad to perform inspections and Commissionings. His trip to Baghdad was for the State Department to inspect the Embassy Compound. He is the Lead Instructor for the U.S. Army Corps of Engineer's Commissioning

Course and Test, Adjust, and Balance Course, which James has been instructing for 10 years.

May 20th Program

Location: The SteepleGate Inn
Symposium Room
100 W 76th St
Davenport, IA

Program: ASHRAE's Building Energy Labeling Program

Agenda: 4:30-5:30 Program
5:30-5:45 Meeting at SteepleGate
5:45-6:45 Dinner at SteepleGate

Menu: Stuffed Iowa Chop
Tossed Salad
Fresh Seasonal Vegetables
Baked Potato
Freshly Baked Dinner Rolls
Bailey's Irish Cream Cheesecake

Technical Topic Outline

Introduction to U.S. Army Corps of Engineers requirements for Commissioning:

Use of COE guide specifications.

Use of ASHRAE Guideline 1 and Design Build RFP.

Success and problems with Commissioning to ASHRAE Guideline 1.

Revised requirements for use of ASHRAE Guideline 1.1 and Guideline 0 for current and future projects.



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ASHRAE News

ASHRAE Lends Support to Federal Buildings Personnel Training Act of 2010

ATLANTA –Federal legislation introduced Thursday, on Earth Day, will provide training for Federal building personnel in the areas of building operations and maintenance, energy management, safety and design functions.

The Federal Building Personnel Training Act of 2010 was introduced by Reps. Russ Carnahan (D-Mo.) and Judy Biggert (R-II.) and Sen. Tom Carper (D-De.) and Susan Collins (R-Me.). It is supported by 33 leading organizations involved in the design, construction, operation and maintenance of buildings and by the High-Performance Buildings Congressional Caucus Coalition (HPBCCC), a private sector building coalition established and chaired by ASHRAE. The HPBCCC supports the High-Performance Buildings Caucus of the U.S. Congress, which is co-chaired by Carnahan.

<http://www.ashrae.org/pressroom/detail/17508>

Changes to Decrease Energy Use in Elevators, Parking Garages Proposed for Standard 90.1

ATLANTA – Going down? Energy use in buildings could drop with a proposed requirement to Standard 90.1 regulating ventilation and cab lighting in elevators.

Proposed addendum *df* to ANSI/ASHRAE/IESNA Standard 90.1-2007, *Energy Standard for Buildings Except Low-Rise Residential Buildings*, takes a first step in addressing inefficiency of ventilation fans and cab lighting, both of which often operate 24/7, regardless of load or occupancy. The addendum is one of 12 proposed addenda to the standard currently out for public comment.

<http://www.ashrae.org/pressroom/detail/17506>

ASHRAE Guideline Addresses Interactions Affecting Indoor Environmental Quality

ATLANTA – A proposed guideline, currently out for public comment, would provide guidance on achieving good indoor environments by considering the interactions of air quality and thermal conditions as well as lighting and acoustics.

ASHRAE Guideline 10P, *Interactions Affecting the Achievement of Acceptable Indoor Environments*, calls attention to many interactions that designers might not have previously recognized or understood. The guideline opened for public comment on April 9 and remains open until May 24.

<http://www.ashrae.org/pressroom/detail/17505>

Changes Proposed for Standard 90.1 Address Metal Buildings

ATLANTA – Changes to assembly descriptions and U-Factors regarding metal building assemblies are being considered in the 2010 version of Standard 90.1, expected to be published in the fall.

ANSI/ASHRAE/IESNA Standard 90.1-2007, *Energy Standard for Buildings Except Low-Rise Residential Buildings*, provides minimum requirements for the energy-efficient design of buildings except low-rise residential buildings.

The changes regarding metal buildings are among many being proposed for the 2010 standard. Some 43 addenda already have been approved, impacting the standard in a variety of ways from energy recovery to controls to daylighting.

<http://www.ashrae.org/pressroom/detail/17408>

Digital Journal

http://www.nxtbook.com/nxtbooks/ashrae/ashraejournal_200904/#/0

Industry News

Buildings Compete to Improve Energy Efficiency

WASHINGTON—The U.S. Environmental Protection Agency (EPA) is hosting a national competition among commercial buildings to promote energy saving and efficiency. Competing buildings will attempt to reduce their energy waste and carbon footprint through improvements in energy efficiency with guidance from EPA's ENERGY STAR program. The building that reduces its energy waste the most will be recognized as the winner. Fourteen buildings from across the country have been selected to compete. The buildings will measure and track their building's monthly energy consumption using EPA's Portfolio Manager online energy tracking tool and share their progress over time.

<http://www.energystar.gov/index.cfm?fuseaction=buildingcontest.index>

Minnesota Bill Would Require CO Detectors in Ice Arenas

ST. PAUL, Minn. — A bill recently introduced in the state senate of Minnesota would require indoor ice arenas to install air-monitoring devices. The monitors would be required to initiate an alarm if carbon monoxide or nitrogen oxide levels become higher than setpoints that are more stringent than state law currently allows. Zambonis and other ice-grooming machines with internal combustion engines can emit the gases. Previously, there have been reports of IAQ-related illnesses linked to ice arena equipment.

<http://wcco.com/local/ice.arena.law.2.1606177.html>

Twelve Buildings Achieve BOMA 360 Performance Designation

WASHINGTON—Twelve buildings from around the United States have earned BOMA 360 Performance recognition from Building Owners and Managers Association International (BOMA). The designation program is designed to recognize commercial properties that demonstrate best practices in building operations and management. The quarterly program is an online self-assessment that evaluates properties on major areas of building management.

<http://www.boma.org/news/pressroom/Pages/press041310.aspx>

Check-out the Updated Chapter
Website at:

www.mississippivalleyashrae.org

2009-2010 Officers/Board of Governors

President:	Patrick Igou
Vice President:	Simon Possin
Treasurer:	Jake Vorac
Secretary:	Nate Jacques
Past President	Andrew Price
Member at Large:	Erick Granzow
Member at Large:	Brian Hodgins

2009-2010 Committee Chairs

CRC Delegate:	Bruce Davis
CRC Alternate:	Simon Possin
Historian:	Sherm Sweeney
Membership:	Tracy Van Damme
Programs:	Patrick Igou
Resource Promotion:	Andrew Price
Seminar:	Bruce Davis
Student Activities:	Cris Washburn
CTTC:	Bruce Davis
Webmaster:	John Schaub



Mississippi Valley Chapter
ASHRAE
Attention: Pat Igou
P.O. Box 5028
Davenport, IA 52808



**Attention ASHRAE Golfers !!!
Annual ASHRAE Research Golf Outing**

Dear Friend of ASHRAE,

The annual ASHRAE golf outing will be held at the Golfmohr Golf Course near Hampton, Illinois on Friday, June 4, 2010. The purpose of this outing is to relax and have fun while raising money for ASHRAE Research. This year we will again have a sack lunch and drink at the course for each golfer starting at 12:00 p.m. To assist in the Research Fund Raising, we are asking individual and/or companies to again be Tee Sponsors of individual holes on the course. As in the past, a sign will be located at the 18 individual tee blocks indicating the sponsor or sponsors of that particular hole. To guarantee that we can get your sign made for the event, we must have all logos by May 14, 2010.

We want to thank the following Tee and Concession Sponsors that helped ASHRAE Research in 2009:

- | | | | |
|-------------------------------------|---------------------------------|------------------------------|-------------------------------|
| Aerco / Barr Mechanical | DMC Sales | KJWW Engineering | Siemens Building Technologies |
| Affiliated Steam | DPT Mechanical | Mechanical Sales, Inc. | Stanley Consultants |
| Automated Logic | Dynamic Controls, Inc. | Midwest Equipment Sales | Sys-Kool |
| Bowman & Associates | EIP, Inc. | Midwest Mechanical Solutions | Trane Company |
| Brucker Company | Feld-Hazer | NIBCO | Victaulic |
| Controls Installation of Iowa, Inc. | Hart-Hammer | Pittsburgh Corning | Weil-McLain |
| Climate River Valley | Imbert Corporation | Rock Valley Culligan | Zeil-Carlson Company |
| Crawford Company | Iowa-Illinois Taylor Insulation | Roth Pump | |
| Data Power Technology | Johnson Contracting | Sandberg Company | |

We would like you to join this list and/or continue your support towards ASHRAE Research. Every golfer is going to get the opportunity to win several nice prizes at our drawing following dinner.

The cost this year for being a Tee Sponsor is \$200 or Concession Sponsor is \$250. This includes one green fee, cart, sack lunch and steak dinner. The cost of a green fee, cart and steak dinner this year is \$60. Therefore, ASHRAE Research will collect an additional \$180 from each sponsor this year.

The setup of this golf outing has a capacity of 144 golfers. We will accept the first 144 paid golfers so get the entry forms and money in early to guarantee your spot now.

If interested, please call (309)-788-0673 or send a check, made out to ASHRAE for the \$200 tee sponsor or \$250 concession sponsor, to myself at KJWW Engineering. Entries are due no later than Friday, May 14, 2010. Let's make this a record breaking year.

Thank you for your support,

Mike Taube, Golf Chairman
taubemj@kjww.com

John Holbert, Golf Committee
holbertje@kjww.com

ASHRAE GOLF OUTING

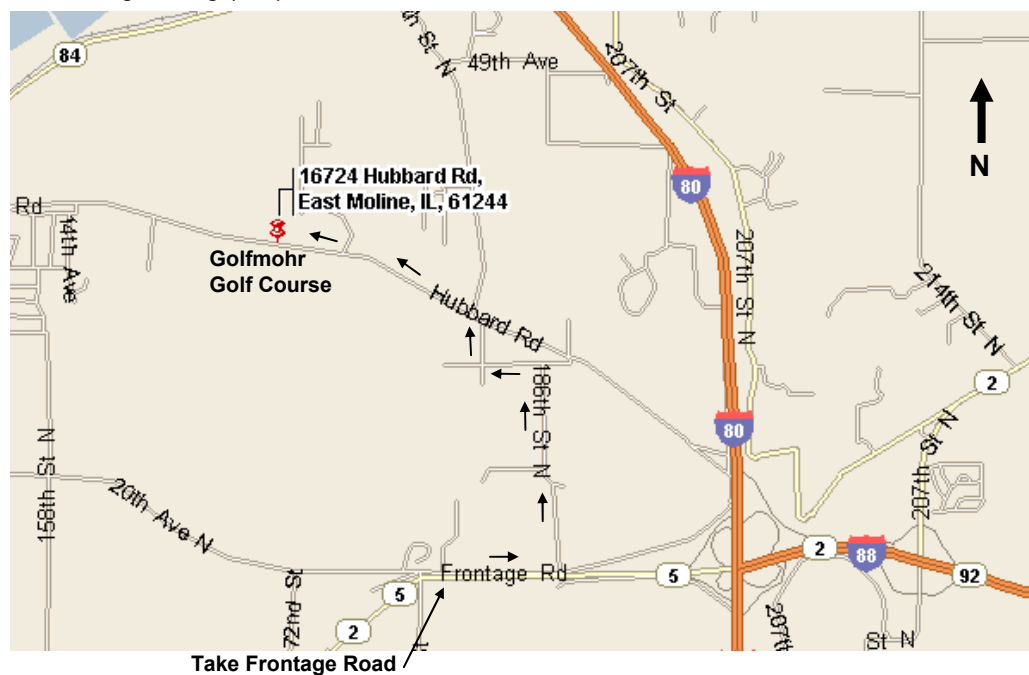
The annual golf outing of the Mississippi Valley Chapter of ASHRAE will be held this year in the name of ASHRAE Research.

WHAT:	Annual ASHRAE Golf Outing
WHO:	ASHRAE Members and Friends
WHEN:	<i>Friday, June 4, 2010</i>
WHERE:	Golfmohr Golf Course - Hampton, Illinois <u>SAME AS LAST YEAR</u>
	SOFT SPIKES ARE REQUIRED ON THE COURSE A DRIVING RANGE IS AVAILABLE AT THE COURSE
TIME:	Golf - Shotgun Start at 1:00 p.m. (THIS MEANS WE ARE ON THE COURSE AT 1:00!) BE AT THE GOLF COURSE BY 12:00 TO GET CHECKED IN AT THE CLUBHOUSE, A BITE TO EAT, AND TO YOUR ASSIGNED TEE BOX.
	Lunch - 12:00 p.m. Cocktails - 6:00 p.m. Dinner - 6:30 p.m.
COST:	Sack Lunch, Golf, and Steak Dinner \$ 60.00 Steak Dinner Only \$ 20.00 Tee Sponsor * \$ 200.00 Concession Sponsor * \$ 250.00 * Includes Sack Lunch, Golf, and Dinner. For more information contact Mike Taube or John Holbert at KJWW Engineering.

ALL FEES DUE WITH REGISTRATION FORM BY FRIDAY, MAY 14, 2010.

QUESTIONS: Contact the ASHRAE Golf Committee:
Mike Taube: email - taubemj@kjww.com
John Holbert: email - holbertje@kjww.com
KJWW Engineering (309) 788-0673

MAP:



ASHRAE GOLF OUTING

REGISTRATION FORM

Annual ASHRAE Research Golf Outing and Cookout
Door Prizes and Fun for All

Contact Phone: _____

Members Name: _____ e-mail: _____

Member/Guest: _____ e-mail: _____

Member/Guest: _____ e-mail: _____

Member/Guest: _____ e-mail: _____

SOFT SPIKES ARE REQUIRED ON THE COURSE

We will assign you to a foursome if not indicated above. Outing will be a shotgun start and played as a "four man preferred ball" format with additional challenges and prize winning opportunities throughout the course. Starting hole will be assigned to your group at the golf course.

Support ASHRAE Research!!

ALL MONEY FOR REGISTRATION IS DUE **NOW!!!**

HURRY! ONLY THE FIRST 144 **PAID** GOLFERS ARE GUARANTEED TO PLAY!!!

ALL SPONSOR LOGOS DUE BY MAY 14, 2010 TO GUARANTEE SIGN!!!!

RETURN THIS FORM BY **MAY 14, 2010** WITH YOUR CHECK PAYABLE TO **ASHRAE**:

Mike Taube
KJWW Engineering • 623 26th Avenue • Rock Island, Illinois 61201
Phone: (309) 788-0673 • Fax: (309) 786-5967

Lunch, Golf, and Dinner _____ TOTAL NO. @ \$ 60.00 EA = _____

Dinner Only _____ TOTAL NO. @ \$ 20.00 EA = _____

Tee Sponsor _____ TOTAL NO. @ \$ 200.00 EA = _____

Concession Sponsor _____ TOTAL NO. @ \$ 250.00 EA = _____

TOTAL AMOUNT DUE WITH THIS FORM = _____