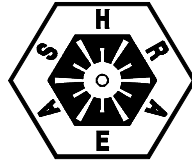


THE BADGERAIRE

AMERICAN SOCIETY OF HEATING, REFRIGERATING, AND AIR CONDITIONING ENGINEERS, INC.

Hussein Badani (Sam)
Corey Metzger
Tom Cappellin
David Grassl

President
Vice President
Secretary
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Maggie Roll
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Maggie Roll

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Director
Director
Editor

A PUBLICATION OF THE WISCONSIN CHAPTER OF ASHRAE

Volume Number 1, September, 2005

September Dinner Program Thursday, September 22, 2005

We are pleased to announce that we are starting off a fun new year with a tour of Miller Brewing Company! This tour will include the Power House and the Dehumidification Equipment for the Cellars. Meet at the Tour Center on the West End at 4:00PM. We will walk to the Miller Inn Champagne room for a short video and discussion and then the tour will follow. Bring a hard hat and safety goggles, ear protection will be provided. After the tour we will head back to the Miller Inn for hors d'oeuvres and refreshments.

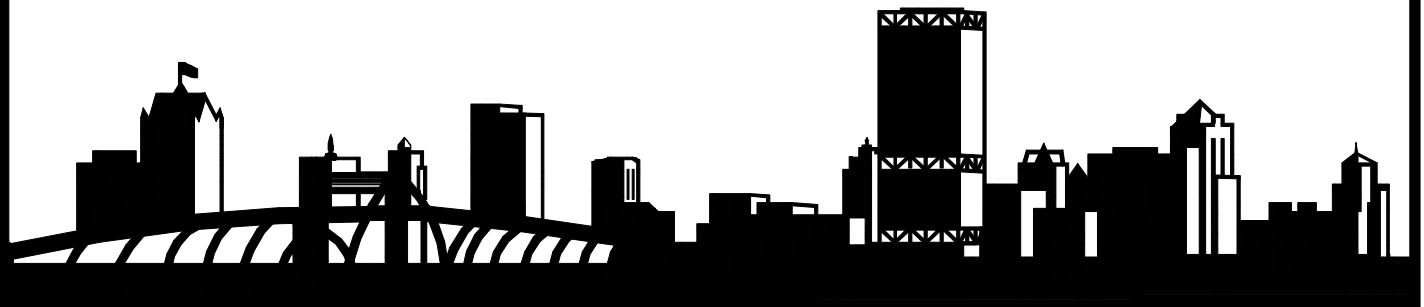
Program Location

Miller Brewing Company
4251 W. State
Milwaukee, WI

Registration: 4:00 p.m. – 4:15 p.m.
Tour: 4:15 p.m. – 6:00 p.m.

The program cost of \$20.00 will include hors d'oeuvres and refreshments.
Checks should be payable to the "Wisconsin Chapter of ASHRAE".
Details of this program can be found on the program page.

PLEASE MAKE YOUR RESERVATIONS ONLINE AT WWW.ASHRAE-WI.ORG OR TELEPHONE YOUR RESERVATION TO MAGGIE ROLL @ 414.778.7422. IF CALLING IN YOUR RESERVATION, PLEASE SPELL OUT YOUR LAST NAME ON THE MESSAGE. PLEASE HAVE YOUR RESERVATIONS IN BY CLOSE OF BUSINESS, MONDAY, SEPTEMBER 19, 2005.
THANK YOU



PRESIDENT'S COLUMN

I hope your summer has been productive and enjoyable thus far, with the changing colors of fall shortly to come. I would like to welcome you all to the start of YOUR Wisconsin Chapter of ASHRAE year. We have a lot of great events planned for this year.

The board of governors has met twice already this summer in preparation for the up coming year's programs and events. We have developed a list of programs that are both informative and enjoyable. Please look to the schedule of programs for further information.

Last year was a great success, and I would like to again thank the efforts of our past President Matt Schneider in setting a higher standard for us all. The board will try to carry this level and reaffirm many of the goals set last year and will try further other goals this year.

One of those goals this year is to make our chapter and newsletter more portable. We'd like to process all information through email and reach more of our membership quicker and more conveniently than before. So I implore you all to update your membership information and provide your email address. In addition, we're revamping our website to make it more accessible, informative and useful for our membership.

I look forward to meeting all of you during this coming year and as always, please send me or any member of our board comments and suggestions so that we can try to provide the membership what you really want. Thanks and see you at September's meeting!

Hussein Badani (Sam)
Wisconsin Chapter of ASHRAE President
Sam.Badani@triadengineering.com

MEMBER-GET-A-MEMBER CAMPAIGN

Do you know someone who could benefit from becoming an ASHRAE member? Encourage them to join and you can benefit too!

As part of the 2005-2006 recruitment campaign, ASHRAE is providing incentives for current members who recruit new members. For each new member that a current member recruits, the recruiting member will receive a \$10 gift certificate good towards ASHRAE merchandise, publications, or even annual dues.

PLUS, each month recruiting members will be included in a random society-wide drawing. The monthly winner will receive a \$40 ASHRAE gift certificate.

PLUS, one grand prize of a \$150 ASHRAE gift certificate will be awarded in the August 2006 insights.

So, if you know people who would benefit from an ASHRAE membership, encourage them to join. *Be sure to have them include your name on the application under the "Member-get-a-Member Recruitment Program".*

Applications are available online www.ashrae.org, or contact Michelle Haines at 414-272-2002.

FROM OUR TEGA CHAIR

We have prepared a Lifetime Appreciation Award plaque to be given to Beverly Schulz, Fred's wife. It is for his unselfish dedication to the HVAC community and exemplifying the true mission of every ASHRAE member.

I firmly believe we missed a rare chance to acknowledge someone's efforts before they left us! I hope we will improve upon this soon for our members who truly deserve this recognition.

Joe Lucchesi, P.E.
Tega Chairperson
jlucchesi@buttersfetting.com

**ASHRAE CHAPTER MEETING
MAY, 2005 – MILLER PARK TOUR**

Last year’s Chapter Meetings closed out in good form at Miller Park with a tour of the facility and a little relationship building over – what else – good beer, ballpark brats and hot dogs. The evening was cool and it started raining, but, thanks to the overhead roof, the ‘game’ went on as scheduled.



The Miller Park staff was great, giving us some added insight into how the facility is actually used. And, getting off the normal tour, they let us roam the equipment rooms where, as good engineers always do, we shared our thoughts and experiences.



Our thanks go to the Program Team for putting together a great year for us. By the way, they are at it again! This year promises to be even better with lots of opportunity for you to develop professionally and build new relationships in our local engineering community.

If I recall correctly, the coach said something about what a great opportunity participation in ASHRAE activities is for all of us! Book the dates for this year’s programs now to make sure that you won’t miss a thing. See you there.

TECH CORNER



Did you know. . . . that all rooftop units are designed to be curb mounted? Sure! What happens when it’s slab mounted or steel mounted? Is the unit sealed to the slab? Is the underside lagged or sheeted to avoid the degradation of the insulation? Probably not! What happens over time to that insulation that has no vapor barrier? It condenses and drips onto the roof or duct below if the duct is exposed underneath. If the ductwork seams and connections are not sealed and inspected for a complete seal, it will rain in onto the lining if its older duct. If it is newer duct, it could compromise the insulation and it’s R-value. See the pictured below!



ATTENTION!

ASHRAE is seeking reviewers for the new publication authored by Dr. Steve Kavanaugh entitled *HVAC Simplified*. Dr Kavanaugh is an ASHRAE Fellow and professor at the University of Alabama. His manuscript is intended to take a practical approach to HVAC design by organizing information from ASHRAE and other industry sources into one convenient location. Please contact Joe Lucchesi for more information.

WISCONSIN CHAPTER OF ASHRAE
 MAGGIE ROLL
 10101 INNOVATION DR., SUITE 200
 MILWAUKEE, WI 53226



MEETING DATE / THEMES	LOCATION	TOPIC	SPEAKER
September 22, 2005	Miller Brewing Company	Dehumidification System and Plant Tour	N/A
October 21, 2005	TBA	Joint SMACCA Meeting	TBA
November 17, 2005 Evening Meeting	TBA	The Ethics and Economics of Energy Conservation	William J. Coad, P.E., ASHRAE Distinguished Lecturer
December 2005 Holiday Dinner Dance	Westmoor Country Club	N/A	N/A
January 19, 2006 Research and Promotion	TBA	Wisconsin Code Review	Randy Dahmen of the Wisconsin Dept. of Commerce
February 16, 2006	TBA	Joint AIA Meeting	TBA
March 16, 2006	TBA	Indoor Air Quality	TBA
April 20, 2006 Student Day	TBA	WE Energies	TBA
May 18, 2006	TBA	Joint CSI Meeting	TBA

All meetings will be held the third Thursday of every month, except December.

*Please note: This is a tentative schedule; topics may be subject to change.