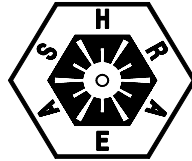


THE BADGERAIRE

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

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A PUBLICATION OF THE WISCONSIN CHAPTER OF ASHRAE

Volume Number VI - March 2006

March Dinner Program:

Legal Issues – Implied Warranties Found in Contract Documents

Thursday, March 16, 2006

This month we welcome Patrick Brennan, Esq. and Joshua Levy, Esq. from Crivello, Carlson & Mentkowski, S.C. as our speakers. Mr. Levy will be presenting a legal presentation on the topic of implied warranties with respect to construction projects. In his presentation, Mr. Levy will discuss the liability issues involved when a system fails to operate as intended. This should be an excellent presentation for both designers and contractors to attend.

Program Location

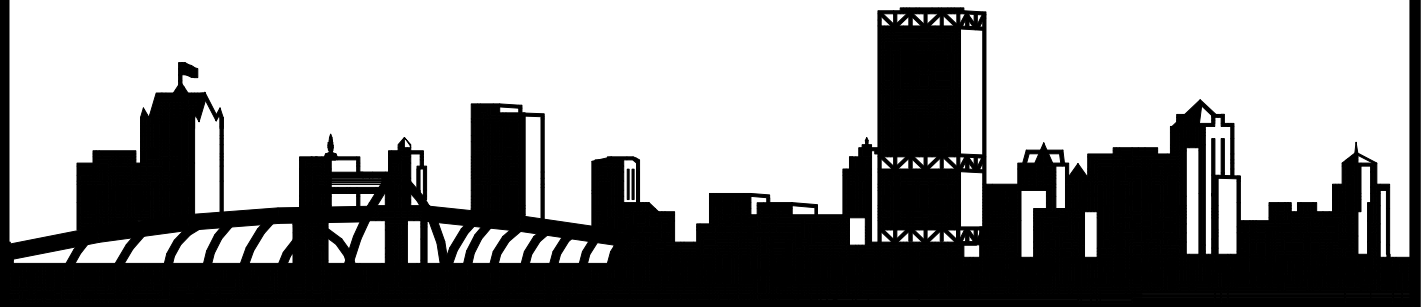
Klemmer's Banquet Center
10401 West Oklahoma Avenue
Milwaukee, WI 53227

Registration and Cocktails: 5:00 p.m. – 5:30 p.m.
Program: 5:30 p.m. – 6:30 p.m.
Dinner: 6:30 p.m. – 8:00 p.m.

The program cost of \$25.00 will include dinner. Checks should be payable to the "Wisconsin Chapter of ASHRAE".

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, MARCH 13, 2006.

THANK YOU



PRESIDENT'S COLUMN

Winter is in full swing and the heavy snow and wind keeps coming and going and coming again. Its times like these when the Wisconsin weather adage could be benefit...it might be better tomorrow. Speaking of which, I wanted to thank those who trekked through the snow and sleet for February's meeting. Dedication from our members is what makes our chapter so great!

I hope many of you were able to share with youngsters the benefits and challenge in the engineering field this past National Engineer's week. I was fortunate enough to try to explain the perennial question "what exactly do you do at work" to my niece and some of her 3rd grade friends. Little inter-actions of this sort, I think, go the farthest in helping youngsters realize the potential of the engineering field and its societal benefits.

Again if you have any questions, suggestions, or comments please contact me or one of the other board members. We have volunteered to help create a chapter that represents the needs of its members. Thanks.

Hussein Badani (Sam)
Wisconsin Chapter of ASHRAE President
sam.badani@symbiontonline.com

The Madison Chapter of ASHRAE will be holding a Seminar on ASHRAE Standard 90.1-2004. This seminar will be held on Tuesday, March 21st at the Sheraton Madison Hotel. For more information on this program, please go to their website at www.ashraemadison.org. You can also contact Mike Gall at (608) 275-7013 for more information and registration.

FROM OUR TEGA CHAIR

The Technology Awards deadline of March 22nd is just around the corner.

Our Regional Chair, Robert Linder forwarded an Article called Members First! Please review and comment to me. The article can be found on the ASHRAE website in the Technology Council area or you can use the link below.

http://www.ashrae.org/content/ASHRAE/ASHRAE/ArticleAltFormat/2006221115743_347.pdf

Lastly, I would like to step down from my position at the end of this year (May 06). If anyone is interested in finding out what this entails, call or e-mail me. You can also go to the website www.ashrae.org/cttc for more information on the position. I would be happy to discuss and forward some of the material that is sent to me and the possibilities for growth within our ASHRAE Chapter and Regional duties. I have served on the Board for almost five years and gathered experience in many ways that help me in my everyday tasks. You can put as much effort as you wish into this position, and I will guarantee that you will gain from it!

Joe Lucchesi, P.E.
Tega Chairperson
 (414-649-2121)
jlucchesi@buttersfetting.com

Even though winter is still with us, it's time to look forward to the annual Mike Stram Open! This year the annual golf outing will take place on June 5th with reservations due by May 6th. We are working on a link to the reservation sheet on our website, but you can also contact Jim Boland at (262) 821-1525 for more information or to register.

FEBRUARY'S MEETING

Talk about a dedicated bunch!

You will remember that Thursday, February 16 was the day of our snow storm of the month. Our joint meeting with SMACNA and PMC drew a dedicated group who were treated to a special presentation by Alan Veeck, Executive Director, and National Air Filtration Association, entitled "The Technology of Clean Air". (Our scheduled speaker, Barney Burroughs was unable to make it, so Allen came in from Virginia Beach, VA to be with us and enjoy



our snow.)

Allen's presentation was excellent. He took the group through the physics of air filtration, filter media and technology, and the procedures employed by ASHRAE Standard 52.2 to determine the minimum efficiency reporting value (MERV). He emphasized the importance of proper installation and maintenance of filters for successful performance.

During the Q/A session, the impact of filter selection and system design was demonstrated with a reference to the Wells and Riley results. Their equation relates the risk of infection from airborne disease to ventilation rate and filtration. A paper Allen sent in follow up cites an example of a classroom with 15 cfm/person outdoor air supply and 25 cfm/person filtered recirculated air. It states that, "Compared to MERV 4, a MERV 6 filter reduces infectious risk by 15% . . . comparing a MERV 11 filter to a MERV 4, the risk reduction is nearly 40%".

That seems to be worth further investigation!

THIS MONTH'S SPEAKER

Josh Levy, a graduate of UW Madison's Law Program, joined Crivello Carlson & Mentkowski, s.c. as a shareholder in 2005. Josh served as General Counsel and V.P. of Human Resources for Westra Construction, Inc. from 2002-2005. Before that, Josh was a shareholder at Beck, Chaet & Bamberger, S.C. His practice encompasses construction litigation in state and federal courts and arbitrations; OSHA hearings; commercial trials in state and federal courts; employment litigation in courts and administrative proceedings; and an array of client services designed to avoid litigation where possible. Litigation avoidance involves business counseling when disputes are imminent and structures to develop before disputes arise. Josh is a member of the Associated Builders and Contractors, the Wisconsin, American and Milwaukee Bar Associations. Josh has received a BV rating in Martindale-Hubell.

MSOE Faculty Position

The Architectural Engineering and Building Construction Department at Milwaukee School of Engineering invites applications for a faculty position beginning in Fall 2006. This is a full-time faculty position with the primary duty of teaching undergraduate Architectural Engineering and Construction Management students. Candidates must have proficiency in and the ability to teach in three of the four following areas: (1) AutoCAD and architectural engineering graphics; (2) engineering and building investment economics and real estate finance; (3) introductory engineering science courses such as statics, strength of materials, thermodynamics, fluid mechanics, electrical devices, construction materials; and/or (4) architectural history.

More information on this position can be found on the MSOE website at <http://www.msOE.edu/pr/news/article.php?id=736&deptid=6&disp=MSOE%20Position%20Announcement>

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



MEETING DATE / THEMES	LOCATION	TOPIC	SPEAKER
March 16, 2006 5:00pm	Klemmer's Banquet Center	Legal Issues – Implied Warranties Found in Contract Documents	Josh Levy, Crivello Carlson & Mentkowski, s.c.
April 19, 2006 1:00-4:00pm	Webcast	Sustainability and the Building Environment	Joe Van Belleghem, CA, Kevin Hydes, P.Eng., P.E., Hal Levin, Malcolm Lewis, P.E., and Jean Lupinacci
April 20, 2006 Student Day	TBA	WE Energies	TBA
May 18, 2006	TBA	Laboratory Exhaust Systems	TBA
June 5, 2006	Muskego Lakes Country Club	Mike Stram Open	

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.