



AMCA Internationals President's Message



AIR MOVEMENT AND CONTROL
ASSOCIATION INTERNATIONAL, INC.

Jo Reinhardt

September 2007

The month of September suggests summer ending, cooler temperatures and the start of planning many fall activities. With AMCA's 52nd Annual Meeting right around the corner I am busy dusting off my western boots and hat, and I imagine many of you are too. I am looking forward to seeing quite a few of you there I know we will all have a great time!



September 5, 2007 AFMA Technologies PTE LTD. entered into a Memorandum of Understanding (MOU) with AMCA. The MOU agreement was signed by AMCA Executive Director, *Barbara Morrison*, current Vice President, *Gary Benson* and two AFMA representatives, *Mdme. Goh Swee Lee* and *Ms. Tan Tin Tin*. Additionally, AMCA Staff and several of the Industry Trade Press were in attendance to witness the event. Following the signing, before their return to Singapore, the AFMA delegation received

extensive training on the operation of the AMCA Laboratory and Certified Ratings Program (CRP) from September 5 through September 11, 2007.

September 17 & 18, 2007 AMCA staff will be attending the *Engineering Green Buildings Conference and Expo* hosted by *HPAC Engineering* in Clark County, NV. The two day conference is dedicated to green-engineering tools, techniques and technologies as they apply to mechanical systems in non-residential buildings. The conference portion of this event offers invaluable technical sessions for mechanical-systems engineering professionals interested in learning about the costs, benefits, best practices, and applications of green design. If you're planning on attending make sure to visit AMCA staff at booth # 305. For more information visit the Engineering Green Buildings website. www.egbregistration.com

September 17-19, 2007, AMCA staff *Mark Stevens*, *Director of Laboratory Services*, is presenting a paper on *Fan Performance and System Effect* at the *Fan Noise Symposium in Lyons, France*. This three-day symposium will include keynote lectures and technical presentations. All types of fans, such as those used in industrial processes, HVAC and electronic equipment, household appliances, automotive applications, fall within the topics of this conference. To learn more about the Fan Noise Symposium please visit www.fannoise2007.org.

October 2-5, 2007, AMCA staff will be attending *Metalcon International* in Clark County, NV. During the three-day Conference AMCA staff will have a chance to connect with potential members, and possible sponsors among the 400+ exhibiting companies. Individuals attending will include metal construction professionals, architects and engineers from around the globe, who specify and use metal in construction. If you're planning on attending make sure to visit AMCA staff at booth # 229. For more information on Metalcon please visit <http://www.metalcon.com>

AMCA International Annual Meeting.....October 12-15, 2007 AMCA will host its 52nd Annual Meeting in Phoenix, AZ. This is a wonderful opportunity to network and



learn more about what is happening within your association and industry. In addition, the Phoenix area has many interesting and fun places to visit for both you and your families.

The meeting takes place at the **JW Marriott Desert Ridge Resort and Spa, Phoenix, AZ, USA**, with commencement beginning early on Friday, October 12th, opening with **three** educational sessions: **"APPI-Energy Saving Program"**, **"What Does Green Mean for our Industry"**, and **"Riding the Chinese Dragon"-How to do business in China with the best odds of succeeding.** The rest of the day is filled with Region, Committee, and Division meetings, leading up to the **6PM Western Party!** *Make sure to wear your favorite western shirt and jeans, spurs & chaps are optional, but please check all pistols and horses at the entrance!* The Friday night opening reception is a wonderful time to socialize and catch up with friends, acquaintances, and colleagues.

On Saturday morning, in addition to the Division meetings, we are hosting the spouse/guest coffee and hospitality. Saturday's morning events include a **Scottsdale City Tour**, followed by an afternoon of friendly competition and fun at the **Men's & Ladies Golf Shotgun & mixed fun golf**, and the annual **Mixed Tennis Tournament**. This year we are offering optional tours on both Saturday and Sunday, please read on for more information....

Optional Tours:

Offered on Saturday only- tour two of the Southwest's most unique visitor attractions, the **Heard Museum**, and **Desert Botanical Garden**, both of these venues present an unbeatable tour, acquainting visitors with the diversity of the region and the resourcefulness of its Native American people.

Offered on Sunday only- Horseback Riding, providing a 90 minute ride through the panoramic vistas of Arizona's most famous **Sonoran Desert**. **Also, on Sunday-** join us for a **Wild West Jeep-Desert Off-Road Tour**, a unique opportunity to explore the Sonoran Desert via four-wheel drive vehicles.

The special golf tour/play will take place at the spectacular **Boulders Golf Course**.

Make sure to sign up quickly as these exciting tours are filling up fast.

On Sunday morning, the spouse/guest coffee and hospitality will be followed by the **Cosanti-Legend of the Bells Tour**

The **General Session** begins at 8:00 a.m. **Sunday morning** and will recess at **11:00 a.m.** giving you plenty of time to change, and have lunch before departing for a fun filled afternoon of tours.

Sunday evening is the **Presidents Black Tie Dinner Dance**, complete with a spectacularly planned menu, music, and dancing. I am sure we are in for an elegant and especially fun evening!

Monday morning is the Closing Session Breakfast and Meeting. Spouses/guests are invited to this event. Our speaker will be **Robert Weidner, President of the Metal Service Center Institute**. Also, a **presentation of the location and schedule for the 2008 Annual Meeting** will be given.

As you can tell this will be an action-packed annual meeting. Please take this opportunity to discover what your association is doing for you and network with your peers in the industry.

Register on-line at www.amca.org.

Sponsors are welcome and help to control meeting expenses.

Currently we have **21 Companies, both members and non-members** who have generously committed to sponsor part of this years events and meeting:

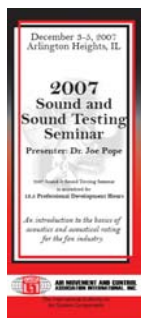
We thank these companies for their generous support of AMCA activities.



*****If you are interested in participating as a sponsor for AMCA's Annual Meeting, please contact Marian Vambrech at mvambrech@amca.org or Christie Kornacker at ckornacker@amca.org**

Marketing Committee Update

The marketing committee is dedicated to fulfilling the goals of the AMCA Strategic Plan, and along with staff has been working diligently on several new and exciting projects. Included, is the improvement of AMCA's website, and is currently in the preliminary stages of the development process. The newly designed website is scheduled to debut at the January 2008 AHR/ASHRAE EXPO. Another project the committee has taken on is the filming of an AMCA Corporate Promotional Video. This new video is intended to be used for marketing the association during trade shows and distribution for universities, providing increased exposure to student and instructors. Keep tuned to this column for updates on the progress of these and other projects.



December 3-5, 2007 AMCA presents "An introduction to the basics of acoustics and acoustical rating for the fan industry". 12.5 PDH given for completion of this program. Presented by Joe Pope, Pope Engineering Company. This highly attended program presents information on acoustics and sound relevant to fan sound specification and sound testing. Material is covered at an introductory to intermediate level appropriate for individuals with limited formal exposure to the subject; also suitable for "experienced" personnel seeking a refresher. This program is also for individuals with general management, engineering, or sales and marketing backgrounds. For information on the seminar please contact Joe Brooks, jbrooks@amca.org

AMCA International Engineering Conference – 2008...The next AMCA International Engineering Conference is scheduled to be held 2-4 March 2008. This conference will be held in Las Vegas, NV, in conjunction with the Sales and Marketing Executive Council Meeting, the HR/ME Council Meetings, the spring HVAC/Fire & Smoke Damper Engineering Committee meetings and the AMCA/UL Meeting.

Member companies are encouraged to be represented. Newer engineers and senior engineers alike will benefit from hearing the latest on what is going on in our industry. There will be some outside papers as well as those presented by AMCA international Engineers.

CALL FOR PAPERS...AMCA International Engineers are invited to submit a paper for presentation during the **Spring 2008 AMCA International Engineering Conference**. A paper should be designed for a presentation length of approximately 45 minutes. Please submit an abstract consisting of one

page, maximum, for review by the AMCA Engineering Standards Committee. Each presentation may be supported by visual aids (Power Point or overheads preferred); support may be included with the abstract if desired. For PowerPoint presentations, AMCA will provide a format template.

An abstract should be submitted by September 30, 2007 if possible. Final papers and presentation material will be due December, 01 2007.

Abstracts should be sent to:

Engineering Conference 2008
AMCA International, Inc.
30 West University Drive
Arlington Heights, IL 6004-1893 U.S.A.

Abstracts can also be e-mailed to Joe Brooks, Director of Engineering, at jbrooks@amca.org

AMCA InMotion



Coming in October!! Look for the fall issue of "AMCA inmotion"

As the official publication of the **Air Movement and Control Association International (AMCA)**, AMCA inmotion is dedicated entirely to mechanical ventilation systems – air movement and control.

The fall issue editorial includes ♦Life Safety Dampers as an Integral Part of Effective Compartmentalization, ♦Damper Leakage Rates, Fan Selection and Specifying Pressure,♦ Inline Fans: Consideration for Sizing and Selection

AMCA inmotion will reach HPAC ENGINEERING'S entire circulation of 57,000 engineering professionals, and 95% of those subscribers design, specify, recommend, and/or select Air Distribution/Ventilation Equipment.

**** NOTE****

**** Please contact Marian Vambrech at mvambrech@amca.org for details to advertise or submit editorial content for inmotion magazine****

Have a great month, and check back next month for current details on upcoming meetings and events within your association.

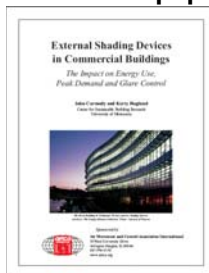
Respectfully,

A handwritten signature in black ink that reads "Jo Reinhardt".

Jo Reinhardt

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A technical paper entitled "External Shading Devices in Commercial Buildings"



AMCA International collaborated with John Carmody and Kerry Haglund from the Center for Sustainable building Research at the University of Minnesota to develop the technical publication detailing the benefits of sunshade devices (louvers). **AMCA International's Standard 530** committee members provided input and guidance to the publication.

External Shading Devices in Commercial Buildings is published by AMCA International and is available for download on the AMCA website at www.amca.org.

An AMCA Member who participates in the appi program has a projected savings from 12/1/2005 to 11/30/2010 of \$255,000.

IL electricity rate increases remain in effect- Competitive pricing options can save you money

On August 28th the Illinois legislature and Governor decided that there will be no changes to tariff rates for commercial electricity accounts (except for a limited number of small accounts) through at least May 2008. Most businesses will continue to pay the tariff rate increases of up to 70% that went into effect in January 2007.

Savings opportunities are available across Illinois. In order to create budget certainty and savings, businesses may choose a competitive supplier to provide electricity at prices below the increased tariff rates.

Price Summary	Year				Percent Change		
	2005	2006	2007	2008	95-96	96-97	97-98
WTI Crude ^a (\$/barrel)	56.43	66.02	64.27	63.83	16.9	-2.7	-0.7
Gasoline ^b (\$/gal)	2.27	2.58	2.72	2.69	13.5	5.7	-4.1
Diesel ^c (\$/gal)	2.41	2.71	2.79	2.73	12.5	2.8	-1.9
Heating Oil ^d (\$/gal)	2.05	2.35	2.38	2.37	15.2	0.8	-0.6
Natural Gas ^d (\$/mcft)	12.84	13.75	13.02	13.7	7.1	-5.3	5.2

^a West Texas Intermediate ^b Average regular pump price.
^c On-highway retail ^d Residential average.

About appi

A member benefit of your association is the APPi Savings Solutions Program. Managed by Affiliated Power Purchasers International (appi), an independent utility consulting firm, this program provides savings solutions for your business. appi's electricity procurement service protects your business and your bottom line. appi reviews pricing and product options, and then presents you with the most competitive electricity rates. You choose whether to implement appi's solutions.

Contact appi at (800) 520-6685 or info@appienergy.com

Confidence Index

AMCA's popular confidence Index for Bookings report for the 4th Quarter of 2007 is available at www.amca.org.

The confidence index is a subjective expression by member companies on the relative health or vigor of the industry categorized by market segment. Member companies are asked to indicate, via a short survey, the changes they anticipate in bookings over the next three months compared to the same quarter of the previous year, and previous quarter. Market segments included in the survey are residential, commercial and institutional, industrial (including power generation and agricultural).

Please visit AMCA International's website and click on MyAMCA Member Login. If you do not have a password or forgot your password, contact Linda Plesh at lplesh@amca.org.

Standards Update

AMCA International Standards

AMCA International Revises Publication 111-99(REV. 8/07), Laboratory Accreditation Program Arlington Heights, IL USA—The Air Movement and Control Association International, Inc. (AMCA) Laboratory, has recently revised publication 111-99, Laboratory Accreditation Program Manual. The latest revision to AMCA 111 allows a laboratory to be able to accredit their lab for testing in accordance with AMCA 260. AMCA 260 is the laboratory method of testing Induced Flow Fans for Rating.

AMCA International Laboratory Expands A2LA Accreditation Scope

Arlington Heights, IL USA - The Air Movement and Control Association International, Inc. (AMCA) announced that on July 23, 2007 they expanded an ISO/IEC 17025 accreditation scope to include acoustic tests on fans, louvers, and reference sound sources. The scope expansion also includes air and sound testing of residential fan units to HVI Publications 915 and 916. The accreditation was granted to AMCA's Laboratory after a rigorous evaluation process by The **American Association for Laboratory Accreditation**.

AMCA International receives ASHRAE Test Fan Project

Arlington Heights, IL USA--The Air Movement and Control Association International's (AMCA) testing laboratory is currently under way with an ASHRAE Research Project RP1272 ***"Inlet Installation Effects on Forward Curved Centrifugal Fans, Air and Sound."*** The goal of this

project is to obtain a body of measured inlet system effects for a typical forward curved centrifugal fan using ANSI / AMCA 210 / ASHRAE 51 and AMCA 300.

AMCA International White Paper, Certified Ratings – A Closer Look



Available on the AMCA website, this paper explains to prospective buyers, specifiers, contractors, and users of air movement and control devices the need for validated published product performance ratings. The paper details the difference between AMCA Certified, Test in Accordance with, or Tested at AMCA. The paper is available for download on the AMCA website at www.amca.org and is available in several languages.

Statistical Program

Has your company signed-up for this program?

70% of our North American members are participating in AMCA International's Statistical Program!

AMCA International's Bylaws require all North American member companies to participate, effective July 1, 2005.

The Board is working with the Statistical Program Review Subcommittee to understand the reluctance to participate and determine a course of action to address non-participation. In the near-term, non-participating companies will be contacted.

If you have any questions, or still have not registered for this member benefit program, please email Christie Kornacker or Marian Vambreck at ckornacker@amca.org or mvambreck@amca.org.

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Mark your Calendars

September 17-18, 2007
Engineering Green Buildings Conference & Expo
Las Vegas, NV

September 17-19, 2007
Fan Noise 2007 – 3rd International Conference
Lyon, France

October 3-5, 2007
Metalcon
Las Vegas, NV

October 12-15, 2007
AMCA Annual Meeting
Phoenix, AZ

November 7-9, 2007
GreenBuild International Conference & Expo
Chicago, IL

November 25-29, 2007
Big 5 HVAC Exhibition
Dubai, U.A.E.

December 3-5, 2007
Fan Sound Seminar
AMCA Headquarters
Chicago, IL

January 22-24, 2008
AHR/ASHRAE EXPO
New York, NY

January 23-25, 2008
International Poultry Exposition
Atlanta, Georgia

February 15-17, 2008
ACREX 2008
Bangalore, India

March 2-6, 2008
AMCA International Spring Meeting & Engineering Conference
Las Vegas, NV