



ASHRAE

THIN-AIR BULLETIN

American Society of Heating, Refrigeration, and Air Conditioning Engineers NM Chapter Region IX Albuquerque, NM - OCT. 2010

October Meeting

Topic: Avoiding Noise and Vibration problems in design and dealing with them after construction

1. Space planning
2. Isolation
3. Resonance
4. Balancing
5. Vibration testing
6. Field fixes for vibration
7. Reverberation time (RT60)
8. Sound transmission class (STC)
9. Noise isolation class (NIC)
10. Noise reduction coefficient (NRC)
11. Insertion loss (IL)
12. Impact isolation class (IIC)
13. Noise demonstration

Speaker: Victor Wowk is the president of Machine Dynamics Inc, which specializes in diagnosing and correcting vibration and noise problems. There are six employees in the company, which has been in business since 1988 in New Mexico. Victor graduated from the University of Michigan in 1975 with a degree in mechanical engineering. He is a registered professional engineer in New Mexico. Victor is the author of three textbooks in vibration. He teaches seminars on these subjects, and this presentation is drawn from that seminar material.

WHEN: Tuesday October 19. 2010 at 11:45 am

COST: \$20 ASHRAE Members \$25 Non Members

WHERE: Pappadeaux Seafood Kitchen
5011 Pan American West Fwy NE
Albuquerque, NM

RSVP to Charlie Scoggin by Friday October 15th.

Email: scoggin@nationalheat.com

President's Message

Dear ASHRAE Member,

Well Fall is upon us and so are the hot air balloons, it's the time of year for us to enjoy the cool evenings and wake up to some pretty amazing sights. The leaves are changing and soon so will our appointed representatives, that's right it's that time of year to vote for your elected official.

We are also back to having our monthly meetings at Pappadeaux for October, Charlie Scoggin is putting together some great meetings for our chapter. If you have any ideas for him to consider, please email him with your input. We had a better than average turnout for Septembers joint meeting with the NM Energy Engineers, thank you all for your support and we look forward to seeing you at this month's meeting.

J.R. Sunderman

President NM ASHRAE Chapter 2010-2011



Membership:

Welcome New Members who joined this last month; Karen Sill and John Robert Sobieski. Attn: All lifetime members-Due to ASHRAE legal requirements, you must still submit your renewal registration each year; even though no payment is required.

Thanks,
Allen Anaya



www.newmexicoashrae.org

From the History Books

NOVEMBER 1968

| | |
|-------------------------|------------------------|
| President: | William McCord |
| President-elect: | Barc Barnett |
| Secretary: | Robert Friggens |
| Treasurer: | Peter Lujan |



The program featured panel discussion regarding "The Pros and Cons of Subcontracting Mechanical Work and/or Material Direct by the General Contractor". The panel members were Lembke Construction, Rupert Plumbing, General Metal Products, Bridgers & Paxton and moderated by W. M. Carroll.

The New Mexico Chapter November meeting was held at the the Sundowner Motel on Tuesday, November 18th.

Student Activities Making Progress

Since I took over as Student Activities Chairman we have had a student attend a chapter meeting, I have spoken in front of the newly forming Association of Energy Engineers (AEE) student chapter at UNM and we have a facility tour scheduled for a class of CNM students.

Student members are encouraged to attend our chapter meetings, which usually occur at Pappadeaux Restaurant on the third Tuesday of the month at 12 noon. Our chapter officers have once again agreed to allow student members to attend meetings free of charge. So far there has only been one student member taking advantage of this, but I plan to increase our student membership which will increase the number of student attendees.

AEE has taken steps to form a student chapter at UNM and because of the overlap in interest between AEE and ASHRAE I am assisting in getting this off the ground. At the inaugural meeting of AEE UNM, I represented ASHRAE and spoke briefly to the group of students, professors and AEE members about ASHRAE and the benefits for students. Our chapter officers have graciously offered to pay the first year dues for student members interested in actively participating in our chapter and I look forward to future AEE student chapter meetings.

At the time of this writing we have a facility tour scheduled for a class of CNM students. The students are taking MEP Drafting with Peter Kalitsis and will be touring the old Motorola facility of Alameda which CNM purchased for housing the Applied Technologies program. By the time you read this the tour will be over and I will be reporting on the outcome in next month's newsletter.

There is only so much that I can accomplish on my own. By collaborating with Morgan Royce, I was able to get a tour for CNM students. By collaborating with AEE I was able to speak in front of a group of interested students. I need your help to make Student Activities a success. Please contact me if you have done an activity with students or know any students who are interested in our industry.

You can reach Joseph B. Higham by email at jbhigham@gmail.com