



**ASHRAE**

# THIN-AIR BULLETIN

American Society of Heating, Refrigeration, and Air Conditioning Engineers    NM Chapter    Region IX    Albuquerque, NM

## MARCH SPEAKER

**Speaker:** Richard Lloyd, West Coast Manager for MASON INDUSTRIES, Inc. and a mechanical engineer with 30 years experience in seismic design of mechanical and electrical systems. Co-author of ASHRAE's "A Practical Guide to Seismic Restraint" and "Mason Industries Seismic Restraint Guidelines for Suspended Piping, Ductwork and Electrical Systems" and also a member of the ASCE 7 TC-8 subcommittee on seismic requirements of non-structural components.

**Topic:** A summary of the seismic requirements of IBC 2006 as they apply to equipment and associated piping, ductwork and electrical systems.

**Key Issues:**

- Basic design requirements and terminology in IBC 2006 and ASCE 7.
- Determination of seismic requirements for your specific project.
- Bracing requirements and exemptions for piping, ductwork and conduit.
- Relative displacement and flexible connectors.
- Problems with anchors in concrete per ACI 318.
- Equipment certification by experience data or shake table testing.

## PRESIDENT'S MESSAGE

I have a quick story to share this month about a gentleman I recently bumped into at Bridgers & Paxton. Last spring I was approached by a student attending NM Tech. in Socorro about what career opportunities there were in HVAC for a mechanical engineer. I arranged to have lunch with him and brought along Rich Reif to add the consulting engineer's perspective. Well to make a long story short, last summer Rich had him as an intern, and now after graduation has hired this gentleman to work at Bridgers & Paxton. It made me feel good to know that the little time we took for lunch to shed light on an industry that I doubt is mentioned much down NM Tech, has made a large difference in this young man's career path.

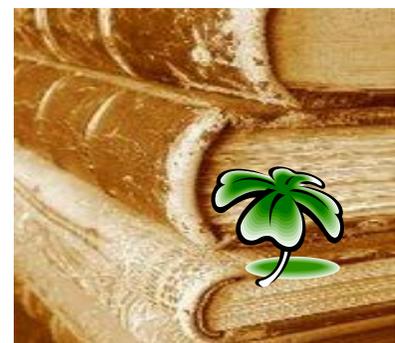
I think it is important for us as ASHRAE members to reach out to students and make them aware of the opportunities in our industry. If your organization is looking for an intern for the upcoming summer, you should consider contacting one of the eleven mechanical engineers at UNM currently taking the HVAC class. Either Morgan Royce ([morganroyce@trg-inc.net](mailto:morganroyce@trg-inc.net)) or I could help facilitate this if you are interested.

I look forward to seeing you at this month's lunch meeting. Don't forget to wear green!

## From the History Books

### September 1978

President:	Jerry Tankersley
President Elect:	Larry Hood
Secretary:	Don Knott
Treasurer:	David Summers



NM Chapter welcomes the following new members to ASHRAE:

Joe D Gutierrez  
Ilir Mesiti  
Brian Fitzpatrick  
Gordon L Dixon  
Prof. Andrea Alberto Mammoli, Phd  
Michael T Beers

March is Membership Month!  
Bring a prospective member, and if they  
join, the cost of the meeting is on us!

See the NM Chapter website at

[www.nmashrae.org](http://www.nmashrae.org)

See the newsletters and other ASHRAE  
information!

#### Student Activities Announcement:

Our Chapter will be judging for two awards at the STEM Science Fair in late March. The Projects are prepared by middle school kids and it is a great event.

If you would be interested in being a judge email Morgan Royce at:  
[morganroyce@trg-inc.net](mailto:morganroyce@trg-inc.net)