



ASPE Pipeline News

Northern California Chapter

The American Society of Plumbing Engineers
Chapters May Not Speak for the Society



MEETING NOTICE

Meeting Notice

Date: Tuesday,
December 11, 2007

Place: Strings Italian Café
1420 65th St. #100.
Sacramento, CA

Located in Sacramento,
CA. @ 65th and Folsom
Blvd.

Time: 11:45 a.m.—1:00 p.m.

Meal: Lunch (\$15.00)

Topic: Discussion on how to
correctly design natural gas piping
systems

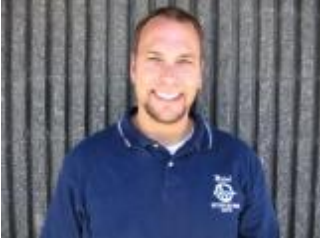


THIS MONTH: December we are
having our Annual Toy Drive to
benefit the Sacramento Children's
Home. Please bring an unwrapped
toy to the December 11th meeting.

Featured Speaker:

Jeff Ingerston, CPD
with Gastite, Applications Engineer

Win a Free Lunch at Next Membership Meeting, See VPM Report



President's Message

Hello everyone and Happy Holidays!

The shopping season is in full gear, so if you haven't already begun your shopping do so now so as to avoid the crunch of last minute shoppers. Yikes!

I'd like to personally thank last month speaker, Colleen Maitoza from the Sacramento County Environmental Management Department who took time out from her busy schedule to come in and enlighten our group on the latest California Health Code Regulations as it applies to plumbing systems. It truly was an interesting presentation.

I'd also like to take an opportunity to thank all those who attended our last meeting and donated food items to our Annual Food Drive. Though the donations were down this year in comparison to past years, we were able to take those few items and couple them with items purchased with chapter funds (3 turkeys, 3 pumpkin pies, a box of stuffing mix with multiple servings, a box of mashed potatoes with multiple servings and 3 boxes of mixed vegetables). All went to the Sacramento Food Bank.

As mentioned at the last meeting, the program handouts which Joseph Nicolich picked up at the recent Technical Symposium in Atlanta will be made available at the upcoming meeting. Be sure to grab one and hopefully you and your company can put them to use in some form or fashion.

On a final note, we're continuing our holiday season fund raising efforts this month with our **Annual Toy Drive** that'll help benefit the **Sacramento Children's Home**.

The following are a few gift ideas (under \$10) and specific needs they have:

- Art supplies
- Board Games
- Trading Cards (Yu-Gi-Oh, Baseball, Football, etc...)
- Dolls
- Nerf Balls
- Comic Books (suitable for children)
- Snap-together models
- Card Games
- Books
- Playground Balls

Popular Videos & DVD's (G and PG rated)

[See Page 9 for continuation](#)



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V.P. Technical Message

Hello everyone!

I would like to thank all of you for attending our November meeting, which included a presentation from Colleen Maitoza with the Sacramento County Environmental Management Department discussing the recent changes to the California Food Facilities Code. We very much thank and appreciate Colleen, in providing us with an informative presentation.

As promised, the excel spreadsheet used to calculate various plumbing related items can be found on our website at www.aspe-norcal.org.

This month's meeting will be a discussion on how to correctly design natural gas piping systems as presented by Jeff Ingerston, CPD with Gastite, Applications Engineer.

Prior to going to work with Gastite, Jeff had spent 18+ years as a Mechanical Designer for Las Vegas-based JBA Consulting Engineers at their Costa Mesa, CA., branch, where he was responsible for plumbing design, document preparation and specification writing, while specializing in medical gas design.

As an ASPE member, Jeff currently sits on the ASPE Board of Directors, as the Society Secretary/Treasurer. He is also a member of the International Association of Plumbing and Mechanical Officials (IAPMO). He holds a degree from the Long Beach College of Business and successfully completed the Sequential Program in Plumbing Systems Design at the University of California at Los Angeles.

This presentation promises to be quite informative and you'll not want to miss it!

Also, please note that at this meeting we'll be collecting unwrapped toys for our Annual Toy Drive.

Please remember to bring a toy for those in need!

I hope to see you all there.

Thank you,

Angela Bowman

VP Technical – Nor Cal Chapter of ASPE



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V.P. Legislative Message

Back in May the code for medical gas systems, NFPA 99, changed from the 1999 Edition to the 2002 Edition. Come January 1st the code will change again and medical gas systems for healthcare facilities will need to meet the requirements of the **2005 Edition** of NFPA 99. Some of the changes between the 2002 Edition to the 2005 Edition are as follows:

5.1.1.3 Medical surgical vacuum and WAGD scope statement. Limits the scope of requirements, which are intended to apply only to WAGD.

5.1.3.3.1.3 Allowance for other machinery in the same room together. Other machinery has always been allowed in the same space as medical air and vacuum plants. The 2002 edition made it appear this might not be true. This change seeks to correct this misinterpretation.

5.1.3.3.3.11 Large (container based) Carbon Dioxide systems were not considered in the 2002 edition and have been added.

5.1.3.3.2 (7) Cylinders must be secured. In the 1999 and earlier editions, the requirement was as now revised - a single chain or cable was adequate. In the 2002 edition, each cylinder had to have its own chain or cable.

5.1.3.3.3.1 (B) Indoor manifold rooms must have a dedicated mechanical ventilation system and means for makeup air.

5.1.3.4.13 The entire bulk oxygen section has been rewritten. The 2005 edition is the first edition of NFPA 99 which explicitly defines the unique requirements for a medical bulk system as opposed to the more general requirements for bulk systems which are found in NFPA 50.

5.1.3.6.6.3 (6) Vacuum pumps must restart without manual intervention following power loss.

5.1.3.8.11 Instrument air compressors must have the same basic electrical controls as other critical use compressor systems.

5.1.9.2.2 A computer may substitute for one of the two required master alarm panels under certain circumstances. (see 5.1.9.4)

5.1.9.3.1 The requirement for area alarm "continuous responsible surveillance" has been reduced to "surveillance".

See Page 9 for continuation

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2007-2008 Chapter Calendar of Events

(program topics subject to change)

September—2007	Code Changes & What OSHPD is looking for in their review.
October—2007	Cast iron specifications/standards for UPC for ASTM and CISPI.
November—2007	Discuss changes to Food Facilities code and the different things that they control within the food service facilities (Water heater sizing for example)
December—2007	Discussion on how to correctly design natural gas piping systems
January—2008	Annual Evening Social Meeting. Subject and location to be determined.
February 2008	"FOG (Fats, Oils, and Grease) Disposal Systems - Learn about the new CPC criteria for sizing, applications, and installation of FOG disposal systems."
March 2008	IAPMO " An Analysis of the California Plumbing Code Changes from 2001 to 2007 Editions" "Siphonic Roof Drainage Design and Review of the New ASPE Standard 45
April 2008	"NFPA 99 Health Care Facilities - The changes in Medical Gas and Vacuum System Requirements from 2002 to 2005 Editions"
May 2008	TBD
June—2008	SUMMER BREAK
July—2008	SUMMER BREAK
August—2008	SUMMER BREAK





Board Meeting Minutes

No board meeting for this month due to the busy Holiday season. Hope your Thanksgiving was great and that your Christmas and New are equally cheerful.

President's Message Continued

Though we fell short in the donation items for our Food Drive, I'm hopeful that you'll all step up with the Toy Drive. I know all too well times are tough and it's hard to find any spare money, yet even the smallest of gift can bring a huge return.

So, PLEASE give what you can. Let's help the children enjoy a Happy Holiday.

As we'd done with our Food Drive, the Chapter will purchase additional items with chapter funds. A tally of all that we purchase will follow in the January newsletter along with photos.

Thank you very much and I'll see you at our meeting!

Michael Rodgers

President-Nor Cal Chapter of ASPE

V.P. Legislative Message Continued

5.1.9.3.4 (2) Area alarm sensors for anesthetizing locations may now be on either the source side of the zone valve box or the patient side of the valve.

Those are just a few of the highlights you will find in the new edition of the code.

Thank you and we look forward to seeing you at the membership meeting.

Jim Powell, CPD

VP Legislative - Nor Cal Chapter of ASPE



V.P. Membership Message

Give the gift of an ASPE membership. Friends, relatives, associates and maybe a fellow co-worker would benefit?

Member Renewals:

We don't have any new members this month. With that said, lets all keep looking for someone to sign-up. That person might just be right next to you while you're reading this article?!?

Member Benefits:

- Get access to your own set of Design handbooks. These are provided by ASPE with membership.
 - Get access to <http://aspe.org> web site member only areas. This is provided by ASPE with membership.
- Get discounts on chapter provided activities. Yet another benefit of ASPE membership.

Membership Updates:

When you change jobs or move, keep in touch and let us know your new contact information. It is very important that you provide us with your email address. Click on the link <http://aspe.org> and the update area is located on the bottom of the web page.

Become a new ASPE member, fill out the paperwork online. See <http://aspe.org>

Look for the next email blast (or this ASPE Pipeline News issue) for meeting date and location!

Thank you and I'll see you at the meeting.

Keith Lorah



Now that you have dazzled your new member, bring them to this months meeting.



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Treasurer's Report

Hi everyone!

This month we are having the meeting **Strings Italian Café, 1420 65th St. #100., Sacramento, CA** (Located at 65th and Folsom Blvd.)

The cost for lunch will be \$15.00 per person and the cost for students with a VALID student ID or current class schedule will be \$10.00.

Congratulations to Alex Harp of Department of General Services for being our ***December Free Lunch*** winner!!

Christmas is just around the corner and I would like to remind everyone that we are now accepting donations for our annual toy drive. So bring along a small toy to this month's membership meeting (Tuesday, Dec. 11th.) If you'd rather someone else do the shopping for you – we can do that as checks are acceptable. Make your check payable to: Northern California Chapter of ASPE.

Thank you for your support!

If you're interested in buying a Northern California Chapter of ASPE shirt, please feel free to contact me for information. Again, the cost for one shirt is \$35.00.

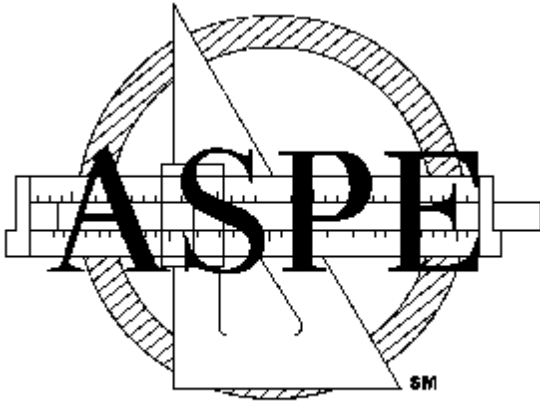
For those of you who want to place an ad to the ASPE newsletter, there is still plenty of room. If you have any questions or concerns regarding placing an ad, please do not hesitate to call. The advertisement price list can be found in our website at <http://aspe-norcal.org>.

You can pay for your shirt and advertising using PayPal. Please send me an e-mail with your shirt and/or advertising order and I will send you an invoice with your total. You do not have to be a member of PayPal to use this feature and it costs you nothing to use.

Please feel free to contact me with any questions you might have regarding advertising in the Chapter Newsletter or anything else.

Thanks,

Joseph Carbonel
Treasurer-Northern California Chapter of ASPE



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