

ASPELA TIMES

The News of the Los Angeles Chapter of The American Society of Plumbing Engineers

www.aspela.com

August 2023

Volume 23 Issue VIII

PRESIDENT'S REPORT Thura Zin CPD, GPD President



July speaker:
Matt Bianchi
Specification Sales Manager
Rancho Santa Margarita, CA

We are so excited to see all of you at our Product show and Technical Seminars. This month meeting will be not in the Burbank Courtyard. Our LA Chapter Product Show, which will be on August 16, 2023. There will be three technical sessions at the morning. The product show will begin after lunch. We like to request all manufacturers' sales representatives, to contact your specified engineer to come and join our Product Show and Technical Seminar. No cost to all engineers and designers. For the Technical Seminar registration form, please go to our website and you can download from there. If you get trouble to download, you can contact all BOD and they will help you.

ASPE Product Show & Education Seminars Flyer
See pages 2 through 4 of this newsletter

Also, if you want to volunteer for this event, please contact Vivian. We look forward to seeing you at hopefully all our exciting upcoming events!

If you are planning to participate in our product show, please contact our Product Show Chair, Vivian Enriquez venriquez5824@gmail.com for the booth's layout and exhibitor's registration. This year we only have fifty-four

please continue reading on page 21

August Product Show

Date: August 16, 2023

Time: Seminar Reg: 8am - 9am
Seminar 9am-12pm
Vendor Reg 11am-1:00 pm
Lunch: 12pm-1pm
Product Show: 1pm-5pm
Cocktail & Raffle: 5pm-7pm

Place: Quiet Cannon
901 N. Via San Clemente
Montebello, CA 90640

Future events include:

- ASPE Product Show 8-16-23
- ASPE Picnic: 10-8-23
- Holiday Party! TBD
- Fishing Trip! TBD

See inside for Details...



inside...

President's Report
Product Show Info
Technical Report
Nobody Asked Me But...

page 1
page 2 - 4
page 5
page 6

Admin Secretary
Membership Report
AutoCAD Training Schedule

page 11
page 17
page 19



2023 ASPE-LA PRODUCT SHOW & TECHNICAL SEMINAR

SCHEDULE

DATE:	Wednesday, August 16, 2023	
HOURS:	Seminar Registration:	8:00 AM - 9:00 AM
	Seminar:	9:00 AM - 12:00 PM
	Vendor Registration:	11:00 AM - 1:00 PM
	Lunch:	12:00 PM - 1:00 PM
	Product Show:	1:00 PM - 5:00 PM
	Cocktail & Raffle:	5:00 PM - 7:00 PM
LOCATION:	Quiet Cannon Conference & Event Center 901 N. Via San Clemente, Montebello, CA 90640	

The American Society of Plumbing Engineers (ASPE) Los Angeles Chapter is pleased to announce and invite you to the 2023 ASPE-LA Product Show & Technical Seminar. See above for date & location. We will be offering three (3) seminars. The Seminars & Product Show will be offered **Free** on a **"First Come First Serve Basis with Registration"**. You have a choice of attending the Seminar & Product Show **OR** just the Product Show. See page 3 for Registration Form and select the appropriate box for your selection. **Indicate your Option 1 & Option 2 for the seminars you want to attend.** Once your first option is full we will put you down for your second option.

Send your registration form to: vptech.aspela@gmail.com

SEMINARS OFFERED

1) **LAB & SPECIALTY GAS DESIGN**

Speaker: Mr. Matt Blanchart, of Yardley Pump & Vacuum, Inc.

The seminar will cover the following topics:

- Requirements of the "ideal" lab
- Equipment & materials for distribution of highpurity lab gases
- Clean Dry Air & Vacuum System Design
- National Institute of Health (NIH) and Design Requirements Manual (DRM) Introduction
- Q&A portion

About the Speaker: Matt holds a B.S. Degree in Mechanical Engineering from Cal Poly Pomona. He has over 25 years of experience and had been promoting the understanding of Medical and Lab Gas Equipment. He also offers experience on the distribution equipment required for the delivery of the medi these cal Gases and the codes that relate to these systems.



2023 ASPE-LA PRODUCT SHOW & TECHNICAL SEMINAR

PAGE 1 OF 3

2) **FUEL OIL HANDLING SYSTEM DESIGN**

Speaker: Mr. Lee Carnahan, Western District Manager, Preferred utilities Mfg. Corp.

The seminar will cover the following topics:

- Fuel oil handling system design
- Code compliance
- Hot and cold climate systems
- Helpful operational sequences
- Q&A

About the Speaker: Lee has 17 years in dedicated fuel oil transfer system design and construction. He is also knowledgeable in HCAI (formerly OSHPD) requirement and also on alternative fuels.

3) **"BEYOND THE PIPE: FIRE SPRINKLER SYSTEM CORROSION. WHAT CAN AND CANNOT BE DONE. TECH TOP FIVE FIRE PROTECTION QUESTIONS":**

Speaker: Mr. Alan Larson /Mr. Clint Williamson, Technical Services Manager/Regional Sales Manager, Reliable Automatic Sprinkler Company

The seminar will cover the following topics:

- Various types of corrosion that can and do affect fire sprinkler systems, both externally and internally
- Present strategies to help prevent system issues caused by corrosion
- Will discuss coatings and materials used in and on fire sprinkler
- "Tech Top Five" covers questions from the top five subjects that elicit calls to our Reliable Tech Service "800" number and email assistance.
- Discussion on questions and find the proper answers in NFPA 13.
- There will be an interactive app available for those who wish to participate.
- Q&A

About the Speaker: Alan has more than 30 years of experience in fire protection, including more than 14 years with Reliable Automatic Sprinkler Co. He has familiarity with contracting, fire protection engineering, design and manufacturing. Alan currently serves as an alternate on the NFPA 75 committee on Electronic Computer Systems and serves as member of the NFPA 13D and 13R Committee on Residential Systems from 2005-2008. He is a NICET Level III certified fire sprinkler designer and an NFPA Certified Fire Protection Specialist (CFPS).

DEADLINE FOR REGISTRATION: August 1, 2023

PAGE 2 OF 3



2023 ASPE-LA PRODUCT SHOW & TECHNICAL SEMINAR

SEMINAR & PRODUCT SHOW REGISTRATION FORM

(Please Type or Print Only):

NAME:

TITLE:

COMPANY NAME:

COMPANY ADDRESS:

CITY/STATE/ZIP:

TELEPHONE:

MOBILE:

WORK:

E-MAIL:

ASPE MEMBER:

NO:

YES:

NUMBER:

CHAPTER:

INTERESTED IN BECOMING AN ASPE MEMBER:

YES:

NO:

**MAKE YOUR SELECTIONS BELOW (PLEASE CHECK APPROPRIATE BOX
& FOR SEMINARS, INDICATE YOUR OPTION 1 & OPTION 2)**

- TECHNICAL SEMINAR & PRODUCT SHOW** (Select the seminar you want to attend) (Attendees will receive 1 ticket for lunch and 1 ticket each for raffle, appetizer and drinks for the Happy Hour)
 - LAB & SPECIALTY GAS DESIGN
 - FUEL OIL HANDLING SYSTEM DESIGN
 - BEYOND THE PIPE: FIRE SPRINKLER SYSTEM CORROSION
- PRODUCT SHOW ONLY** (Attendees will receive 1 ticket each for raffle, appetizer and drinks for the Happy Hour)

DEADLINE FOR REGISTRATION: August 1, 2023

SEND REGISTRATION TO: vpotech.aspela@gmail.com

Attendees Not Registered for a Seminar Can Pre Order Deli Lunch for \$40.00 by Aug. 2, 2023.

TECHNICAL REPORT

Vahan Margaryan CPD, GPD
V.P. Technical

As many of you know, a couple of weeks ago Thura Zin and me attended the ASPE Leadership summit where we had a chance to discuss challenges that most Chapters are facing now and find some options to overcome those challenges. It just so happens that the most challenging items for other chapters are to find presenters to converse hot topics. Thanks to our gracious affiliates and vendors, we do not have that same issue here in Los Angeles Chapter. As a matter of fact, we have confirmed scheduled presentation up to February 2024 and will be back to LADWP La Kretz Innovation Campus for our May 1st 2024 meeting. The other main challenge that many chapters (as well as LA) are facing was limited meeting attendance – seems like we’ve got used to remotely working settings and driving a few extra miles to participate in in-person meeting is not acceptable option any longer. ASPE LA Board of Directors acknowledges that Courtyard by Marriot in Burbank is not a centrally located venue to accommodate most of our members, however they still

offer venue along with the food at the reasonable price. All other venues that we’ve reached out for quotes were much more expensive. We are still looking for a centrally located venue that could meet our needs and be reasonably rated. Feel free to contact any board member for any suggestions.

ASPE LA chapter Product Show and Technical Seminar is just around the corner. Once again, it will be hosted on Wednesday, August 16th, 2023 at the Quiet Cannon Conference & Event Center at 901 N. Via San Clemente, Montebello, CA 90640. Refer to the attached flyer with proposed three technical sessions. To reserve your place, please reply to us with the two most preferred session options. Also feel free to forward this newsletter along with the Product Show and Technical Seminar flyer to any of your coworkers and friends that somehow missed the newsletter or are unaware of this event.

The Summer picnic is scheduled for October 8th, 2023. It will be held at Elysian Park. More information will be shared with you during our August meeting and via the newsletter soon.

continued on page 13

AT LAST – IT’S ARRIVED!

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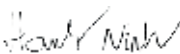



Case Study: Panorama Towers, Las Vegas, NV.

Cost to install: **\$55,000** ✓
Savings over conventional softener in year one: **\$168,000** ✓
Estimated 3-year savings: **\$500,000** ✓
Annual Running Costs: **\$200**



TEST REPORT
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<http://www.iapmort.org>

Report Number: 2536-18001-002	Project No.: 29225
Report Issued: February 26, 2018.	
Client: Aqua-Rex 3301 Spring Mountain Road Ste 18 Las Vegas, NV 89102	Contact: Jonny Secombe
Source of Samples: The samples were shipped to IAPMO R&T Lab from Aqua-Rex, and received in good condition on October 11, 2017.	
Date of Testing: October 25, 2017 through December 15, 2017.	
Sample Description: Scale Prevention Device; model: Aqua-Rex WK1-E.	
Scope of Testing: The purpose of the testing is to determine the efficacy of the Scale Prevention Device per section 5 of IAPMO IGC 335-2018, entitled "Rapid Scaling Test for Scale Prevention Devices".	
CONCLUSION:	When tested per Section 5 of IAPMO IGC 335-2018, Aqua-Rex WK1-E reduced scaling by 83% when applied to Las Vegas water heated to 180°F.
Tested by,	Reviewed by,
 Hanks Ninh, Project Engineer	 Sean Vuu, P.E., Manager, Specialty Projects

Download the Engineer's Specifier Guide from www.aqua-rex.com

Scale Down. Soften Up.



Nobody Ask Me But...*Kook Dean**Past President***Nobody Asked Me But....****ASPELA Website Is Useless (Part 1)**

I was discussing my career as an engineer to a gentlemen (waiting for our wives). The gentlemen mentioned his son was graduating from high school and was interested in an engineering career. I recommended a career in plumbing design. I suggested the ASPELA.COM website for information and I later regretted my choice.

I visited the ASPELA site as a student looking for career information. I was greatly disappointed. The information I was seeking:

1. What does an engineer in plumbing design do?
2. The salary range for a plumbing engineer?
3. The education requirements to work in the design field: 4 or 2 year degree.
4. Is there a plumbing engineering college?
5. What are the recommended classes to work in the plumbing design field?
6. Who hires a plumbing engineer?
7. How to join? What are the costs?

I visited the Plumbing Heating Cooling Contractor Greater Los Angeles Area (PHCC GLAA) website as a student looking for career information. I was greatly surprised. The information I was seeking was available under "Training".

Currently the chapter will fail without new members. The average age of a chapter engineer: A person who qualifies for Social Security.

Kook Dean
213 280 1691
kkdean2000@gmail.com





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GENERAL MEETING MINUTES

Jeff Atlas

Administrative Secretary... and your newsletter editor

The meetings are really picking up. Come see for yourself. The spirit is high and the content is great.

At the July meeting, we actually had an appointed Sergeant at Arms! It was none other than the highly regarded and super long time member, Mr. Bob Woods of Air Treatment. He promptly accepted the position and with great stride read off the list of members to be fined. It began and ended with a fine of \$5 to be paid by Mr. Bob Woods for being the only guy in the room wearing a suit and tie.... Bobby, you looked mahvalas!

The presentation was spot on teaching a bit about how different types of valves are constructed and how they fit into a plumbing construction plan. Thank you Matt Bianchi of Specification Sales. You did a great job for us.

As you all know the codes are changing rapidly and there is nothing that our current politicians won't ban. All of a sudden, natural gas, which has been touted for years as the clean and green fuel is under attack. If you think that the electric grid is insufficient to handle all of the needs for power.... and just wait until you begin seeing the signs on the freeway not to run your air or washer.... be aware that there is now a push to ban gasoline generators to run your electrical when the grid goes down or we encounter a brown or black out. Keep your eyes peeled because it's coming.

Perhaps a push to hydrogen may be partially successful.

What does this have to do with our chapter. Well, we are on the front lines and the cutting edge of applied science. Either it works or it does not. They can try, but they cannot change the laws of physics... even if they tell you they can. We live in a highly engineered world and should continue to do so in comfort and safety.

We shall see how this plays out.

Our attendance is on the rise and hopefully will be on par with what we had prior to being told to stay home. If each one brings one, we will soon see our numbers return.

This is your society and each individual is responsible for its success.

See you all... and then some... at the rproduct shown on August 16, 2023.



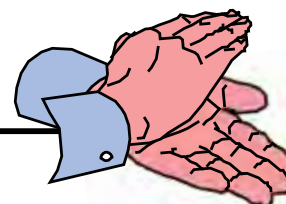
WHO Showed up?

Attendance for the **July 2023** Meeting...

The total number in attendance was

29!

plus our speaker!



Jeff Atlas
 District Sales Manager
 (661) 428-4607 cell
 jeff.atlas@raypak.com

2151 Eastman Avenue, Oxnard, CA 93030




Kurt Bramstedt
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continued from page 5

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- Submit code public proposals.
- Submit code public comments.
- View the Report on Proposals (ROP).
- View the Report on Comments (ROC).
- Save your draft proposals and comments.
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liaisons.

- Quick access to the codes development timeline.
- Access to read-only publications.

The IAPMO Codes Portal can be accessed by using the following link: codeproposals.iapmo.org.



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MEMBERSHIP REPORT

Robert Galaviz CPD
V.P.Membership

I hope you're all doing well. I'm thrilled to welcome our newest member, Albert Gonzales, to our fantastic community of design engineers, contractors, representatives, municipal employees, and manufacturers.

While we don't have new membership values to share this time, let's keep in mind the importance of adding fresh faces to our society. By bringing in new talent, we can enrich our knowledge pool and strengthen our professional network.

ASPE Los Angeles offers incredible opportunities for growth, industry insights, and meaningful connections. Let's actively encourage potential members to join us and show them the benefits of being part of our vibrant community.

Your support is vital to our success. If you have any ideas or suggestions on attracting new members, I'm all ears! Let's keep our community thriving and growing.

Thank you for being awesome ASPE LA members!



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CLASS	DAYS	START	END
Revit Architecture	M W (5:30 to 9:30 pm.)	9/13/23	12/11/23
MEETING DATES: *September-13, 18, 20, 25, 27 *October-2, 4, 9, 11, 16, 18, 23, 25, 30 *November-1, 6, 8, 13, 15, 20, 27, 29 *December-4, 6, 11			
Revit MEP	M W (5:30 to 9:30 pm.)	9/13/23	12/11/23
MEETING DATES: *September-13, 18, 20, 25, 27 *October-2, 4, 9, 11, 16, 18, 23, 25, 30 *November-1, 6, 8, 13, 15, 20, 27, 29 *December-4, 6, 11			
Revit Structure	T TH (5:30 to 9:30 pm.)	9/14/23	12/14/23
MEETING DATES: *September-14, 19, 21, 26, 28 *October-3, 5, 10, 12, 17, 19, 24, 26 *November-2, 7, 9, 14, 16, 21, 28, 30 *December-5, 7, 12, 14			
Civil 3D	T TH (5:30 to 9:30 pm.)	9/14/23	12/21/23
MEETING DATES: *September-14, 19, 21, 26, 28 *October-3, 5, 10, 12, 17, 19, 24, 26 *November-2, 7, 9, 21, 28, 30 *December-5, 7, 12, 14, 19, 21			
Revit Arch. Friday (5:30 to 8:30 pm.) Saturday (8 am. to 1 pm.)		9/15/23	12/15/23
MEETING DATES: *September-15, 16, 22, 23, 29, 30 *October-6, 7, 13, 14, 20, 21, 27, 28 *November-3, 4, 10, 11, 17, 18 *December-1, 2, 8, 9, 15 (5:30 to 9:30 pm.)			
AutoCAD Friday (5:30 to 8:30 pm.) Saturday (8 am. to 1 pm.)		9/15/23	12/15/23
MEETING DATES: *September-15, 16, 22, 23, 29, 30 *October-6, 7, 13, 14, 20, 21, 27, 28 *November-3, 4, 10, 11, 17, 18 *December-1, 2, 8, 9, 15 (5:30 to 9:30 pm.)			

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PRESIDENT: continued from page 1

booths, and these will go amazingly fast.

For our July meeting, the attendee head count did not change, same as last month, we have twenty-nine attendees. I would like to thank Mr. Matt Bianchi, Specification Sales Manager, from Jomar Valves.

Last month's meeting, we had twenty-two members RSVP online, which is more than June's meeting. In future, after August, we will be accepting the payment at the same time when you RSVP at our website. But hold on, till you find it on the website. But for the Technical Seminar, we are starting at 9:00 am and finishing at noon. Please remember Product show is not on the first Wednesday of the month, Second Wednesday of the month, not evening. Although you are not able to attend the technical seminars, please come and join at the Product Show. If you are planning to come, you need to fill out the registration to get the one raffle ticket and drink for Happy Hour. There is no cost to the attendee.

Vahan and Kook are planning for the LA Families annual picnic, which we are scheduling for Sunday October 8, 2023, at Elysian Park's Old Lodge Picnic Area near Dodger's Stadium. Come and join us. Bring

your families and friends. Let us know what kind of activity you all want to do on our picnic day.

Another big event is our 2023 ASPE Technical Symposium which will be at Bellevue, Washington, September 28 to October 1, 2023. The registration is open now. Come and join us.

We have not set our Holiday Party date yet. Will be in either middle of November or Early December. Some members requested a fishing trip. We are considering and letting everyone know where and when. If your company wants to sponsor this event let us know.

As always, do not hesitate to reach us or any board member for any topics that you may want to see in any of our technical programs. Watch your email for the next meeting invite and I look forward to seeing you all at the next meeting.




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riser delivers domestic hot water created centrally by recovering heat from a CHP system. Water enters the apartment in the utility closet and there are two water meters in each apartment, one for cold and one for hot water.

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Read the full case study on 360 State Street by visiting H2O Degree's website at www.h2odegree.com/aspela.php



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