

ASPELA TIMES

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

www.aspela.com

November 2024

Volume 24 XI

PRESIDENT'S REPORT **Vahan Margaryan CPD, GPD** **President**



Hello fellow ASPE LA members,

I hope you are all doing well.

ASPE as an organization has officially passed six decades of successful operations since our founding and incorporation in Los Angeles on September 18, 1964. From a small

group of visionary professionals in Southern California, the American Society of Plumbing Engineers has grown into a leading voice in global plumbing engineering, representing over 7,000 members worldwide. I'm thrilled to serve as the current president of this incredible organization, especially as we celebrate ASPE's 60th anniversary. It's an honor to lead during such a significant moment in our history.

please continue reading on page 20

Starting from June, we are moving our monthly meeting from the first Wednesday of the month to the second Wednesday of the month.

November Meeting

Date: November 13th, 2024

Time: 5:30pm Check In

**Place: Courtyard by Marriott
Burbank**

**2100 W. Empire Ave,
Burbank
CA 91504**

Program: "Liquid Nitrogen Piping & Plumbing"

**By Ms. Priyanka Chand
Application Engineer
Vacuum Barrier
Corporation**

See inside for Details...



Calendar Events:

- WoA & AYP Sporting Clay Event - November 9th

inside...

President's Report
ASPE President Message
November Flyer
Technical Report

page 1
page 2
page 3
page 7

Sporting Clay Event
BIM/CADD

page 8
page 11

Message to ASPE Los Angeles Chapter from ASPE President Jim Zebrowski

I am very happy to be here to join the Los Angeles chapter in celebrating a big milestone — the 60th anniversary of this chapter's charter. In fact, LA was the first chapter in a new society. This is a real honor for me and want to say thank you for the invitation to join you here today. Sixty years is noteworthy. There is a long history and legacy for this chapter.

The planning dates back to 1964 when a manufacturer's rep Arnold Bogart approached Donald Dickerson with an idea to form an organization of plumbing engineers. A kickoff meeting was held in April of 1964 with 35 interested parties. Following that meeting, a slate of interim officers was put together and those officers were elected to form the American Society of Plumbing Engineers on July 1, 1964. Subsequently, on October 7, 1964, the first official society board of directors was elected.

Besides pioneering this society, the Los Angeles chapter has a long record of service on the board of

directors, starting with first ASPE president Donald Dickerson. A great number of chapter members have since served on society's board. Another first Los Angeles hosted ASPE's first convention and expo in 1968. The Los Angeles chapter has always known how to enlist and maintain its members. The chapter is one of society's largest and historically at the top in region 4 membership. At present, the chapter now stands at 232 members. That's purely a result of the leadership and legacy of the chapter.

I am truly honored to be here to celebrate with you. Thanks again for the invitation. On behalf of the entire ASPE board of directors, we salute the Los Angeles chapter.

To LA Chapter -
Happy 60th!!
Don't ever change...

Jim Zebrowski



Vahan with Jimmy Baker who was kind enough to produce the cool copper centerpieces for the Gala.



AMERICAN SOCIETY OF PLUMBING ENGINEERS LOS ANGELES CHAPTER

November 13, 2024, Meeting
“Liquid Nitrogen Piping & Plumbing”
By Ms. Priyanka Chand
Application Engineer
VACUUM BARRIER CORPORATION

WHAT YOU WILL LEARN:

The presentation will cover the following topics, with time for questions:

- Liquid Nitrogen Plumbing
- Liquid Nitrogen Applications
- Liquid Nitrogen Equipment

MEETING LOCATION:

In Person:

*COURTYARD BY MARRIOTT BURBANK
 2100 W EMPIRE AVE, BURBANK, CALIFORNIA 91504*

MEETING SCHEDULE:

5:30 pm – Check in

6:30 pm – 7:30 pm – Presentation

COST: Pay at door only

Meeting Fee:

RSVP - \$55 and Retired BOD: \$30

Without RSVP - \$60

RSVP Online:

[RSVP](#)

By: November 11, 2024

THE SPEAKER:



- I am an Applications Engineer with Vacuum Barrier and am also a general resource for LN2 related questions.
- My background is in mechanical engineering, and I have been in the industry for about 2 years now. My goal is to educate, and bring to awareness the design considerations for LN2 systems.

If you have additional questions or needed information on his presentation, you can reach her at: pchand@vacuumbarrier.com

For more information, visit our website www.vacuumbarrier.com

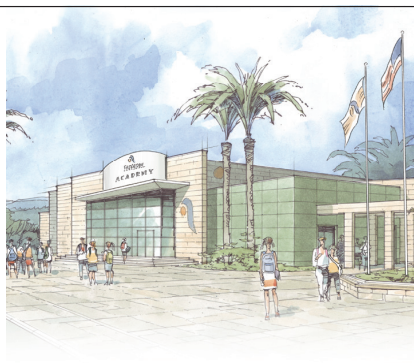


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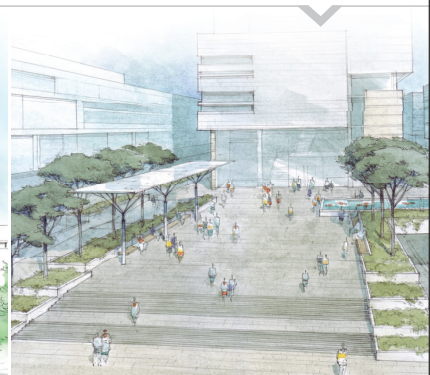
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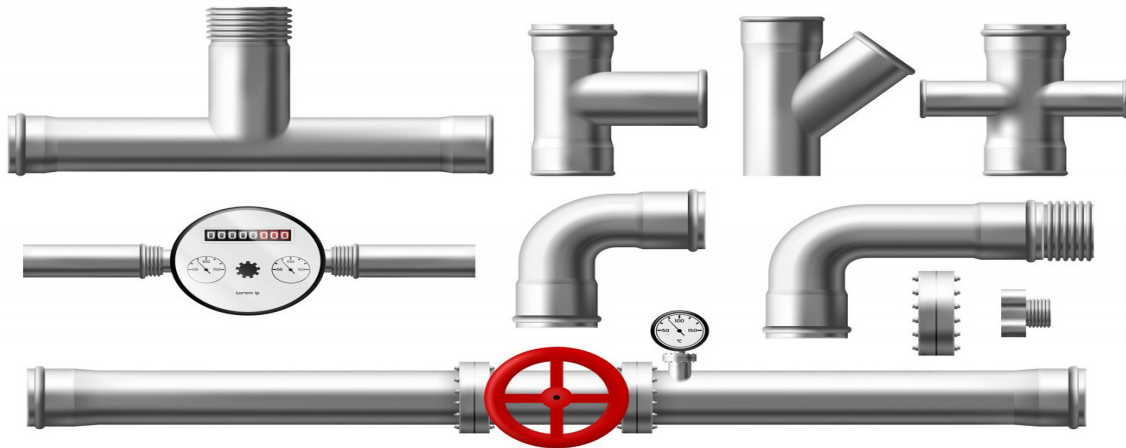


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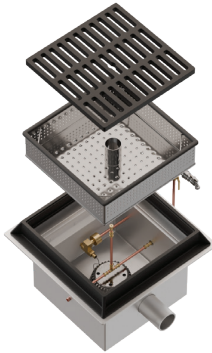
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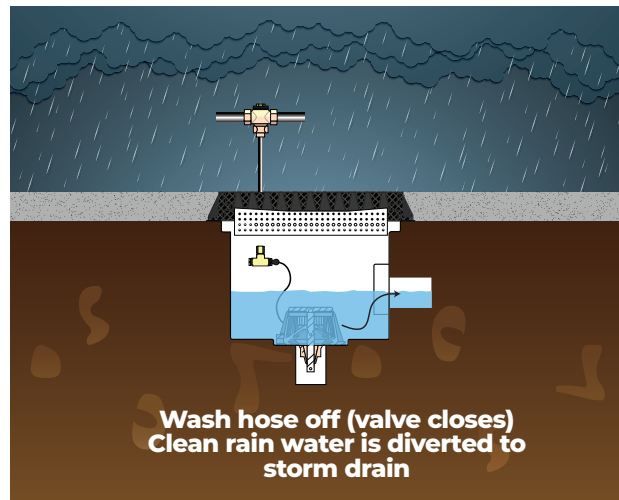
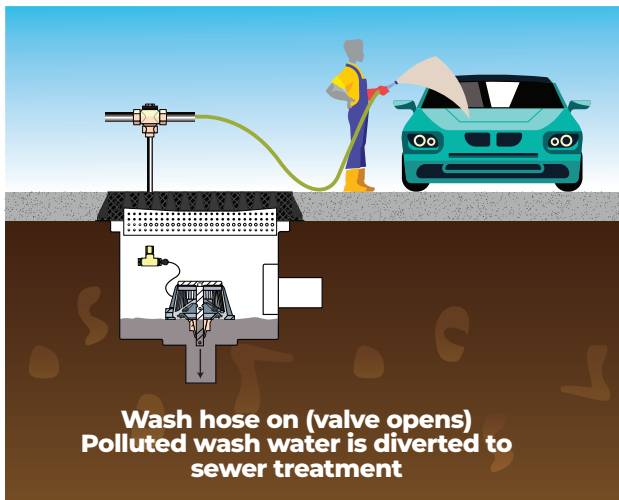


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TECHNICAL REPORT*Thura Zin CPD, GPD**V.P. Technical*

On behalf of the ASPE – Los Angeles Chapter, I would like to extend a heartfelt thank you to all the attendees of our 60th Anniversary Gala celebration. Your presence and participation made the event truly special and memorable.

We are grateful for the support, enthusiasm, and dedication shown by each and every one of you. It was a joyous occasion, made even more meaningful by the wonderful community of members and families who joined us to mark this significant milestone.

Special thanks to President Vahan, the chapter officers, volunteers, past presidents April, Cory, Kook, and Vivian, Society President Jim Zebrowski, and his wife Terry, for gracing us with their presence and contributing to the success of the gala.

We look forward to many more years of camaraderie, collaboration, and shared achievements as we continue to grow and thrive as a chapter.

Thank you once again for being a part of this momentous celebration.

This month's meeting will be held on Wednesday,



November 13th, at the Courtyard, Burbank. The November speaker will be Ms. Priyanka Chand, Application Engineer at Vacuum Barrier Corporation, West Coast. She will present on liquid nitrogen for plumbing, including its applications and equipment. This promises to be an interesting topic.

Next month, we will inform our members regarding the bylaw changes discussed at the convention. If you are a member of the LA Chapter and are planning to attend the ASPE Convention and Expo in Columbus, Ohio, please join us on Monday, October 21st. Our chapter has sent 10 delegates to the convention.

As always, do not hesitate to email any board member with topics you would like to see in our technical programs. Watch your email for updates on upcoming meetings, and we look forward to seeing you at the next meeting. Also, please check our Technical Calendar for details on future technical sessions.

Please take care of yourselves and each other. Stay safe.



SPORTING CLAY EVENT

Hosted By



You're Invited to Join

ASPE's Los Angeles & Orange County Chapters at LA Clays Shooting Park!



Experienced and unexperienced participants welcome to attend.

Lunch and raffle ticket provided with registration.

Made Possible By:



November 9th, 2024

8:00 AM Check-In
Event at 9:00 AM

LA Clays Shooting Park
831 Rosemead Blvd.
South El Monte, CA 91733

\$35

Per Participant

SCAN TO REGISTER



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For questions email:
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Online Training

Live Instructor (Virtual) / Interactive

Location: Online

Class: Revit (MEP)

Day: Monday & Wednesday

Time: 5:30 pm - 9:30 pm

Meeting Dates: *August- 26, 28 *September- 4, 9, 11, 16, 18, 23, 25, 30 *October- 2, 7, 9, 14, 16, 21, 23, 28, 30 *November- 4, 6, 11, 13, 18, 20



Location: Online

Class: Enhanced Revit

Day: Tuesday & Thursday

Time: 5:30 pm - 9:30 pm

Meeting Dates: *August- 27, 29 *September- 3, 5, 10, 12, 17, 19, 24, 26 *October- 1, 3, 8, 10, 15, 17, 22, 24, 29 *November- 5, 7, 12, 14, 19, 21

Location: Online

Class: Revit Architecture

Day: Tuesday & Thursday

Time: 5:30 pm - 9:30 pm

Meeting Dates: *August- 27, 29 *September- 3, 5, 10, 12, 17, 19, 24, 26 *October- 1, 3, 8, 10, 15, 17, 22, 24, 29 *November- 5, 7, 12, 14, 19, 21

Location: Online

Class: Civil 3D

Day: Tuesday & Thursday

Time: 5:30 pm - 9:30 pm

Meeting Dates: *August- 27, 29 *September- 3, 5, 10, 12, 17, 19 *October- 22, 24, 29 *November- 5, 7, 12, 14, 19, 21, 26 *December- 3, 5, 10, 12, 17, 19

Location: Online

Class: BlueBean

Day: Tuesday & Thursday

Time: 5:30 pm - 8:30 pm

Meeting Dates: *August- 27, 29 *September- 3, 5, 10, 12, 17, 19, 24, 26 *October- 1, 3, 8, 10, 15, 17, 22, 24, 29 *November- 5

Location: Online

Class: Revit (Structure)

Day/Time: Friday (5:30-9:30 pm) Saturday (8 am-12 pm)

Meeting Dates: *August- 30, 31 *September- 6, 7, 13, 14, 20, 21, 27, 28 *October- 4, 5, 11, 12, 18, 19, 25, 26 *November- 1, 2, 8, 9, 15, 16, 22

Location: Online

Class: AutoCAD

Day/Time: Friday (5:30-9:30 pm) Saturday (8 am-12 pm)

Meeting Dates: *August- 30, 31 *September- 6, 7, 13, 14 *October- 18, 19, 25, 26 *November- 1, 2, 8, 9, 15, 16, 22, 23 *December- 6, 7, 13, 14, 20, 21

**Schedule is subject to change



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TEST REPORT

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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 Seccombe
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 *Sean Vuu*
Hanks Ninh, Project Engineer Sean Vuu, P.E., Manager, Specialty Projects



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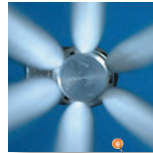


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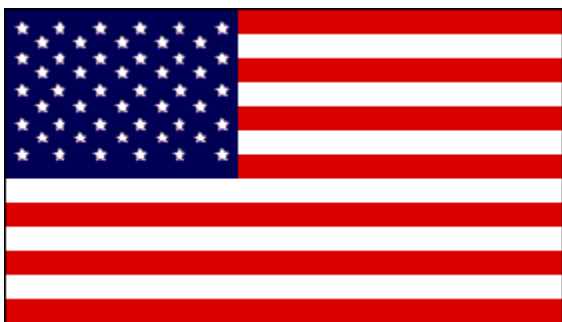


PRESIDENT: continued from page 1

I want to thank all the past ASPE and ASPE LA Chapter boards, whose dedication and leadership have brought us to where we are today. Kudos to all our members and their families who have supported ASPE over the years. This significant milestone was celebrated at the Taglyan Complex on October 9, 2024, with nearly 100 attendees. A special invitation was extended to the original 60 members who established this organization 60 years ago. Unfortunately, many were unable to attend due to various circumstances. However, we were delighted to have founding member Ron Romo with us, accompanied by Kook Dean.

We were also pleased to have Rafi Karim, president of the ASHRAE Southern California Chapter, in attendance. The attached picture is proof of the verbal memorandum of understanding between ASPE LA and ASHRAE SoCal.

I would also like to acknowledge the support provided by the Taglyan Complex for co-sponsoring and hosting this event, and for their tremendous efforts in making our celebration a success—ASPE LA truly appreciates your



partnership.

Did anyone notice the soldered ½” copper pipe candle holders that served as centerpieces at each table? These were made and generously provided by our longtime supporters, Jimmy Baker of Muir Chase Plumbing. They looked beautiful on the tables—thank you, Jimmy!

Lastly, I would like to thank our ASPE LA friends at Arup (especially Dudley Calle) for creating a gorgeous flyer, a stunning video advertisement, and for supporting ASPE LA from A to Z.

A quick update on our website transfer progress: While we are still experiencing difficulties transferring our webpage to the new host, the involvement of The Internet Corporation for Assigned Names and Numbers (ICANN) has shed some light on the issue. ICANN has taken the matter seriously, and now we are beginning to see progress. Hopefully, we will have a resolution by the end of October. In the meantime, you will still receive ASPE LA newsletters from postmaster@mg.starchapter.com, which is a legitimate communication from ASPE LA. The link within the email will take you to our temporary website, American Society of Plumbing Engineers Los Angeles - Home Page (starchapter.com). This is our temporary site, and its content will eventually migrate to the ASPELA.com website. Please be advised that Arup’s IT team continues to support us in this transition and is taking all necessary actions to expedite the process.

Be well and stay well.

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- UEF of 3.75/50 GL and 4.0/80 GL
- Meets the highest level of Builder efficiency standards
 - Only Builder model with CTA-2045
 - Title 24 Compliant
- Meets the highest level of federal and state rebate requirements
 - IRA (45L) tax credit eligible
- NEEA Tier 4
- High Cool Climate Efficiency (CCE)

Performance

- Designed with variable speed fan for whisper quiet operation
- Wide Operating Range as low as 37°F - 109°F
- Designed with a Micro Channel Heat Exchanger Condenser to optimize the heat transfer and enhance energy savings for best in class recovery rate
- 4.5 KW back up elements for extra comfort
- Demand-Response Enabled- Save money by reducing energy usage during peak demand






Installation and Serviceability

- Zero Clearance- Gain back net living space with less install footprint for flexible installation
- Installs as easily as an electric water heater
- Easy troubleshooting and serviceability
- Duct ready to install in tight spaces



5 Operating Modes to meet any hot water demand



Part #	Included Accessories	
107000677	T&P Valve	
107000674	Drainage Pipe	
107000678	Drain Valve	
Part #	Optional Accessories	
103000120	EHPWH Ducting Kit	
103000119	EHPWH Leak Sensor Valve	

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