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President's Report

Vahan Margaryan CPD, GPD President

Hello fellow ASPE LA members,

I hope this message finds you well.

I am pleased to begin my report with exciting news: at the 2025 ASPE Technical Symposium, the Los Angeles Chapter was honored with the 2024–2025 Chapter Award of Merit. This notable achievement is a testament to the dedication of our entire LA Chapter Board of Directors and all members—

congratulations to everyone involved! Your commitment and support have been instrumental in earning this recognition.

As I had already departed for the airport prior to the award presentation, Angel Berlanga of Arup graciously accepted the Award of Merit on behalf of the LA Chapter. Our sincere thanks to Angel for representing us.

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AMERICAN SOCIETY OF PLUMBING ENGINEERS LOS ANGELES CHAPTER

November 12, 2025, Meeting
“Water Source Heat Pump for Domestic & Hydronic System”
By Mr. Rajkumar Gnanaraj
Engineering & Design Technical Manager
The Armstrong International Inc.

WHAT YOU WILL LEARN:

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

- Water sourced heat pump – low temp and high temperature
- Typical heat pump integration
- Challenges in heat pump design
- What is the available different waste heat in a facility that can be converted to hot water at high temperatures using heat pump technology?
- Correlation between different refrigerants, their operating pressure, and hot water temperature
- Steam heat pump
- How to monitor heat pump performance?

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, 2025

THE SPEAKER:



- He started his career at Larsen & Toubro Limited.
- His expertise lies in Utility and Energy Engineering, driving innovation by implementing cutting-edge Heat Recovery and Energy Savings solutions powered by state-of-the-art Heat Pump technology
- Rajkumar has been with Armstrong International, initially working at Armstrong’s India facility for 13 years.
- He led the design, engineering, and heat pump product development at Armstrong, India.
- Over six years, he successfully implemented 50+ heat pumps in India's food processing, FMCG, pharmaceutical, automobile industries and hotels.
- He is seamlessly integrating heat pumps into the thermal systems of large institutional industries, such as hotels, hospitals, universities, and government campuses in North America.

For more information, visit our website

@www.aspela.com.



Continued from page 1

Additionally, I am delighted to share that the ASPE LA Chapter hosted its 2025 Annual Family Picnic at Robert Gross Park in Burbank on October 11th. Attendees enjoyed a variety of outdoor games, including a balloon toss and a watermelon-eating contest—where, as tradition holds, our junior participants excelled in both events. All winners received gift cards, thanks to the generosity of our sponsors. Participants also enjoyed freshly prepared on-site BBQ. While attendance was lower than hoped, we trust that the photos included in this newsletter will inspire greater participation in next year's picnic.

Lastly, please mark your calendars for our upcoming Holiday Party, scheduled for December 13th, 2025. Further details and the event flyer will be shared soon. We encourage everyone to attend and look forward to celebrating together.

The final in-person MedGas Workshop of 2025 will be held at ASPE Headquarters in Rosemont, Illinois, on November 13–16, hosted by MediTrac. Registration is available through ASPE Education. This professional qualification course outlines the training requirements for designers seeking to obtain ASSE 6060 certification.

Be well, stay well.

Upcoming Events

November 13 - 16, 2025

MedGas Workshop
Rosemont, IL

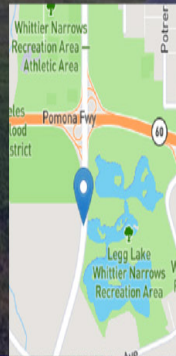
December 13, 2025

2025 Holiday Party
11009 Burbank Blvd #112
North Hollywood, CA



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DINNER PARTY

DECEMBER

13

AT 6:00 PM

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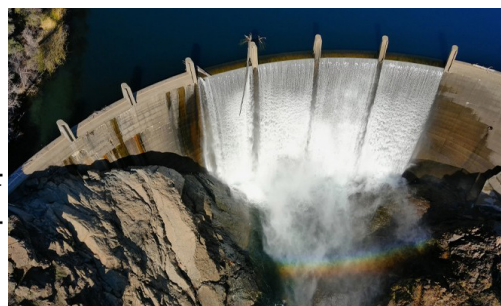
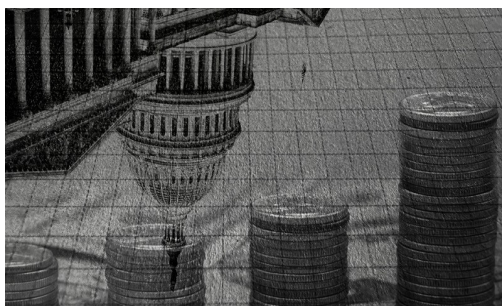
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WASHINGTON WEEKLY

No Agreement on Shutdown as Senate Returns to Session

The U.S. Senate returned to Washington on Monday but again failed to pass proposals to end the government shutdown, leaving 750,000 federal workers unpaid and many agencies, including the EPA and Education Department, largely closed. Republicans and Democrats remain deadlocked over funding timelines and the extension of Affordable Care Act subsidies, with each side blaming the other for the stalemate. Meanwhile, some individual senators have begun private discussions to break the impasse, but no comprehensive deal has emerged.

[Click Here For More Information](#)

Water Infrastructure Resilience and Sustainability Act Introduced in House

A bipartisan group of House members led by Rep. Salud Carbajal has introduced the Water Infrastructure Resilience and Sustainability Act, which would fund upgrades to drinking water, wastewater, and stormwater systems to improve resilience against extreme weather, natural hazards, and cyber threats. The legislation would reauthorize three federal programs, providing grants for planning, designing, and constructing projects to strengthen water infrastructure over the next five years. The measure responds to the nation's aging water systems and increasing risks, including climate impacts and cybersecurity vulnerabilities, which threaten the reliable delivery of water services.

[Click Here For More Information](#)

Continued on page 9

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SCHOTT

Technical Report

BY Thura Zin CPD, GPD

The ASPE-LA monthly meeting was held on October 8, 2025, at the Courtyard by Marriott in Burbank. On behalf of the ASPE-LA Board of Directors, we extend our sincere thanks to Mr. Dany Checric, Business Development Manager at Watts Water Technologies / Powers, for his informative and engaging presentation titled "Digital Mixing Valve Evolution & Intelligent Water Management."

We would also like to thank Mr. Adam Haussman, Account Manager – Specification & Design at Delco Sales, for his tabletop presentation.

If you would like a copy of the presentation, please contact us.

We had a great turnout with 40 ASPE members and design professionals in attendance. Thank you to everyone who joined us!

Upcoming Meeting – November 12, 2025 | Courtyard by Marriott, Burbank

Join us on Wednesday, November 12, 2025, for a technical

presentation by Mr. Rajkumar Gnanaraj, Engineering & Design Technical Manager at Armstrong International Inc., titled:

"Water Source Heat Pump for Domestic & Hydronic Systems."

Topics will include:

- Water-source heat pumps – low and high temperature
- Typical heat pump integration
- Challenges in heat pump design
- Available waste heat sources in a facility that can be converted to high-temperature hot water using heat pump technology
- Correlation between different refrigerants, their operating pressures, and resulting hot water temperatures
- Steam heat pumps
- Monitoring heat pump performance
- ...and much more!

For the past 13 years, Rajkumar has been with Armstrong International, initially working at Armstrong's India facility,

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Business Development Manager

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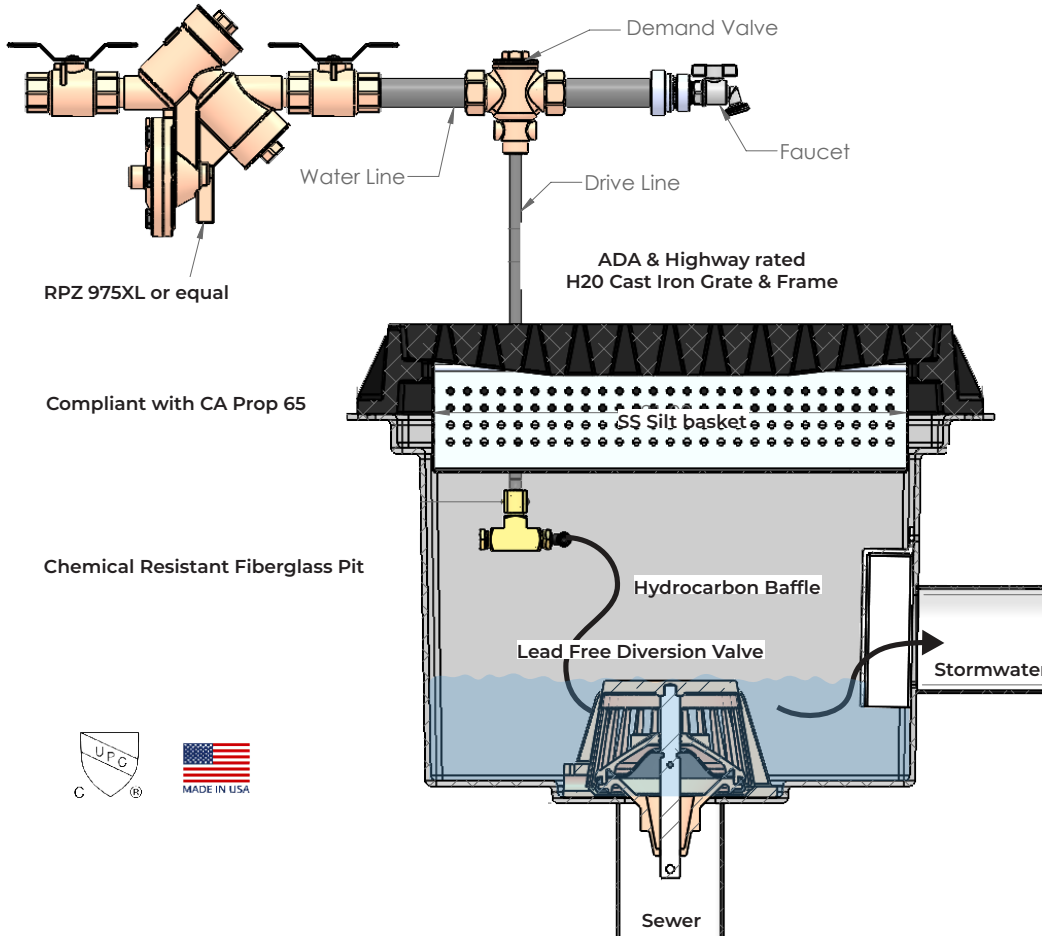
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EPA's Work Protecting Air, Water and Land Slows or Pauses During a Government Shutdown

The EPA is facing severe challenges from staff cuts, shifting priorities, and a government shutdown, leaving only a small fraction of employees to handle essential functions. Under the Trump administration, the agency has focused on deregulation and boosting fossil fuel development, while key programs like pollution inspections, grant approvals, and research are paused during shutdowns. Historical data shows that shutdowns can lead to increased pollution and public health risks, as enforcement and oversight are severely limited. The agency's reduced capacity, combined with policy changes, raises concerns about its ability to protect air, water, and land effectively.

[Click Here For More Information](#)



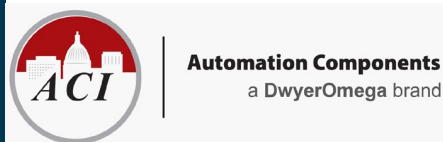
California Governor Enacts SB 72 to Strengthen California's Long Term Water Security

California Gov. Gavin Newsom has signed SB 72 into law after it passed the legislature with unanimous bipartisan support. Authored by Sen. Anna Caballero and backed by a broad coalition of water, environmental, business, and agricultural groups, the bill establishes statewide water supply targets and strengthens long term planning to ensure reliable access for communities, farms, and the environment. SB 72 enhances the California Water Plan, complements the Governor's Water Supply Strategy, and creates an accountable framework for sustainable, drought resilient water management across the state.

[Click Here For More Information](#)

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Continued from page 7

focusing on all aspects of thermal utility solutions for end-user sites. About eight years ago, Armstrong entered a joint venture with Combitherm GmbH, a German heat pump manufacturer.

Heat pump water heating is one of the hottest topics in the plumbing industry today, driven by the global movement toward decarbonization. Don't miss this informative and timely session — we look forward to seeing you there!

Other Updates

• 2025 ASPE Holiday Party – Our annual ASPE-LA Holiday Party is scheduled for Saturday, December 13, 2025. Please hold the date and join us for an evening of celebration and networking!

Get Involved

If you have ideas for future technical program topics, we'd love to hear from you! Please email any of our board members with your suggestions.

Also, 2026 is an election year. If you're interested in joining the ASPE-LA Chapter Board, we encourage all qualified members to participate. Current board members welcome everyone who wishes to contribute their time and ideas.

Stay connected by checking your inbox for announcements and by visiting the Technical Calendar on our website for upcoming events.

Thank you for your continued participation and support. We look forward to seeing you at our upcoming meetings!

Stay safe and take care.

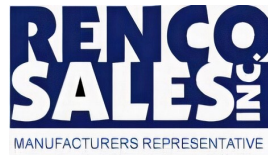
In Memorium

It is with profound sadness that the Romo family announces the passing of Ron Romo, a founding member of the American Society of Plumbing Engineers. Mr. Romo passed away on Wednesday, October 22nd, 2025. Ron Romo's contributions were foundational to the establishment and growth of ASPE, and his dedication to advancing the science and practice of plumbing engineering has left an indelible mark on the industry.

Details regarding memorial services, a complete obituary, and how to offer condolences will be shared as soon as they are made available by the family.

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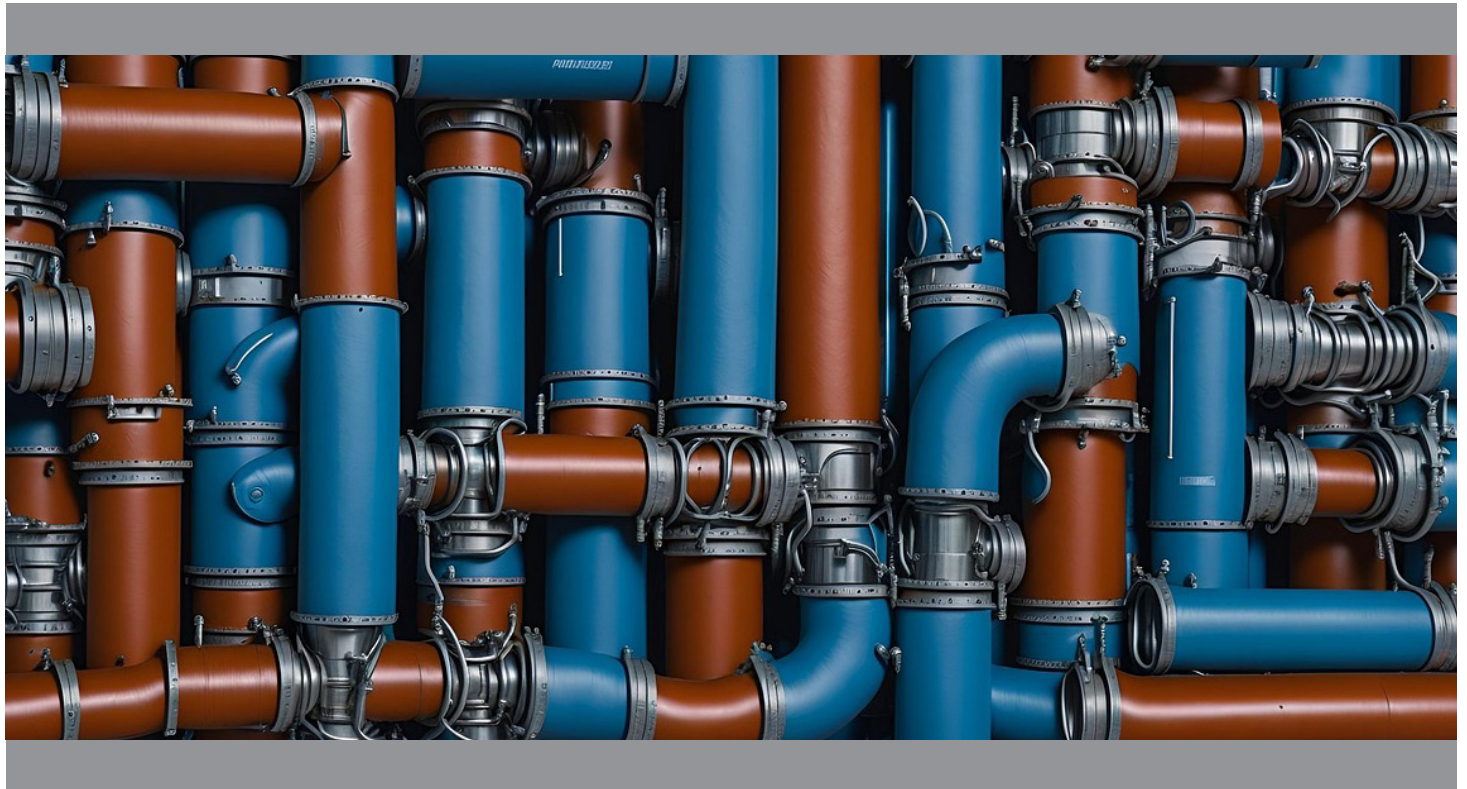


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State-Funded Online CADD/BIM Training Schedule

Below is our latest State-Funded BIM/CADD training schedule. For Seat Reservations, Please Contact Barry at (949) 393-8866 or email me at barry@ach.edu or barry@westech.edu for registration. See you in training!

Online Training
Live Instructor (Virtual) / Interactive

Location: Online
Class: Revit (MEP)
Day: Monday & Wednesday
Time: 5:30 pm - 9:30 pm
Meeting Dates: *SEPTEMBER - 10, 15, 17, 22, 24, 29 * OCTOBER - 1, 6, 8,13, 15, 20, 22, 27, 29 * NOV - 3, 5, 10, 12, 17, 19, 24 * DEC - 1, 3, 8

Location: Online
Class: Revit Architecture
Day: Tuesday & Thursday
Time: 5:30 pm - 9:30 pm
Meeting Dates: * SEPTEMBER - 11, 16, 18, 23, 25, 30 * OCTOBER - 2, 7, 9, 14, 16, 21, 23, 28, 30 * NOVEMBER - 4, 6, 11, 13, 18, 20, 25 * DEC - 2, 4, 9

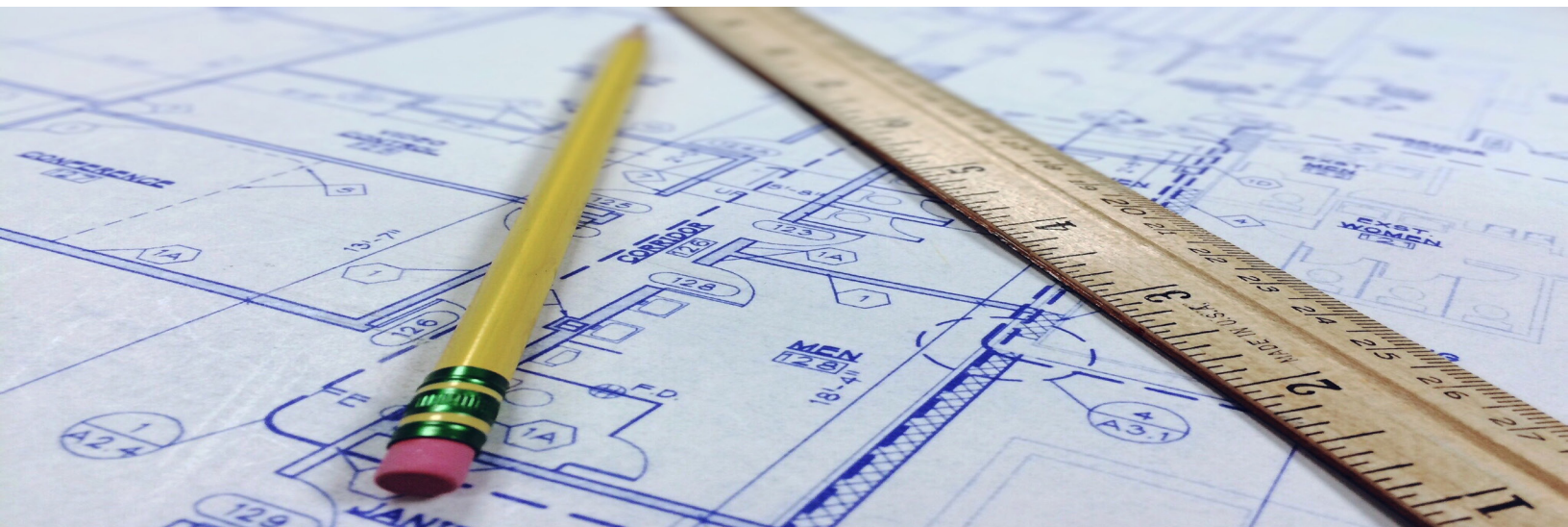
Location: Online
Class: Revit Enhanced
Day: Tuesday & Thursday
Time: 5:30 pm - 9:30 pm
Meeting Dates: *SEPTEMBER - 11, 16, 18, 23, 25, 30 * OCTOBER - 2, 7, 9, 14, 16, 21, 23, 28, 30 * NOVEMBER - 4, 6, 11, 13, 18, 20, 25 * DEC - 2, 4, 9

Location: Online
Class: ***NEW*** Civil 3D
Day: Tuesday & Thursday
Time: 5:30 pm - 9:30 pm
Meeting Dates: * SEPTEMBER - 11, 16, 18, 23, 25, 30 * OCTOBER - 2, 7, 9, 14, 16, 21, 23, 28, 30 * NOVEMBER - 4, 6, 11, 13, 18, 20, 25 * DEC - 2, 4, 9

Location: Online
Class: BlueBeam
Day: Tuesday & Thursday
Time: 5:30 pm - 8:30 pm
Meeting Dates: * SEPTEMBER -11, 16, 18, 23, 25, 30 * OCTOBER - 2, 7, 9, 14, 16, 21, 23, 28, 30 * NOVEMBER - 4, 6, 11, 13, 18

Location: Online
Class: AutoCAD
Day/Time: Friday (5:30-9:30 pm) Saturday (8 am-12 pm)
Meeting Dates:* SEPTEMBER - 12, 13, 19, 20, 26, 27 *OCTOBER - 3, 4, 10, 11, 17, 18, 24, 25 * NOVEMBER - 1, 7, 8, 14, 15, 21, 22 * DEC - 5, 6, 12, 13

**Schedule is subject to change
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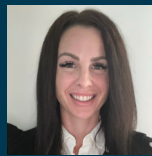
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