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 **PIPE LINE NEWS**



SUMMER 2025
VOLUME 51 ISSUE 01

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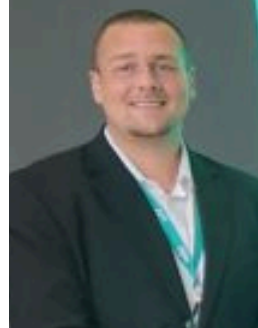
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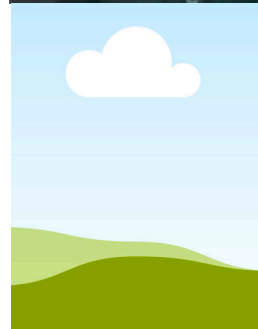
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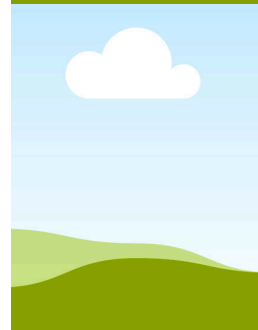
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Section 22



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From the President's Desk



Hello everyone,

If you're reading this, it means I've officially taken the plunge (yes, the plumbing puns start now and was absolutely intended) as your new New Jersey ASPE Chapter President. I'm honored, excited, and only mildly terrified—but mostly honored!

Before we talk about the road ahead, I need to tip my hard hat to Jeffrey Beeden, PE, our fearless (and often tireless) outgoing President, engineering extraordinaire and overall chapter champion. Jeff has done an incredible job keeping the chapter not just alive, but thriving, Thank you, Jeff, for your leadership and your calm under pressure. The chapter is stronger because of you and I'll and I'll work to maintain our momentum.

To the entire board, thank you for your continued commitment and energy. You've kept things moving, solved problems before they clogged up progress, and made sure our chapter remains a strong, respected force in the plumbing world. I'm lucky to be stepping into this role surrounded by such a sharp and supportive team. With all of you beside me, I feel confident.. and, frankly, well-insulated.

And of course, to our members, thank you. You are the heart of this chapter. Whether you're showing up to meetings, sharing your expertise, mentoring the next generation, or simply being part of this network, you make this organization what it is. Your passion, knowledge, and support are what keep things moving forward (and what make all of us proud to be part of this industry).

Continued on page 6

From the President's Desk



Continued from page 5

Plumbing may happen behind the walls, but the work we do is at the very heart of every home, business, and community. It's a trade rooted in service, safety, and skill and it's more essential now than ever.

As I look ahead, I'm focused on three key goals:

Strengthening Our Community

Whether you're a seasoned engineer, a student, or a valued affiliate, we're all part of something bigger. We are stepping it up with new tools, better resources, and easier ways to stay in the loop. I'm committed to:

- Amplifying collaboration and shared learning.
- Fostering education and growth with new tools and more technical/educational sessions.
- Maintaining constant communication with chapter members.

Smart growth

We are focused intentionally on expanding our community, not just by numbers but through meaningful, mission-aligned membership.

Fun, Connection, & Celebration

Lets celebrate, connect and just have fun while we do it!

I invite you to engage, share your ideas, raise your voice, and be part of shaping our direction. We have incredible momentum, and I truly believe the best is yet to come.

Thank you for your continued support, your hard work, and your belief in the mission we share.

Here's to a great year ahead—filled with collaboration, progress, and only mildly pun-laden newsletters.

Warmly,

Samantha Miccio

President, New Jersey American Society of
Plumbing Engineers

(Proud owner of 6 pipe calipers and counting)

Congratulations



**ASPE National Award of Merit
2024**

Dan O'Gorman, CPD

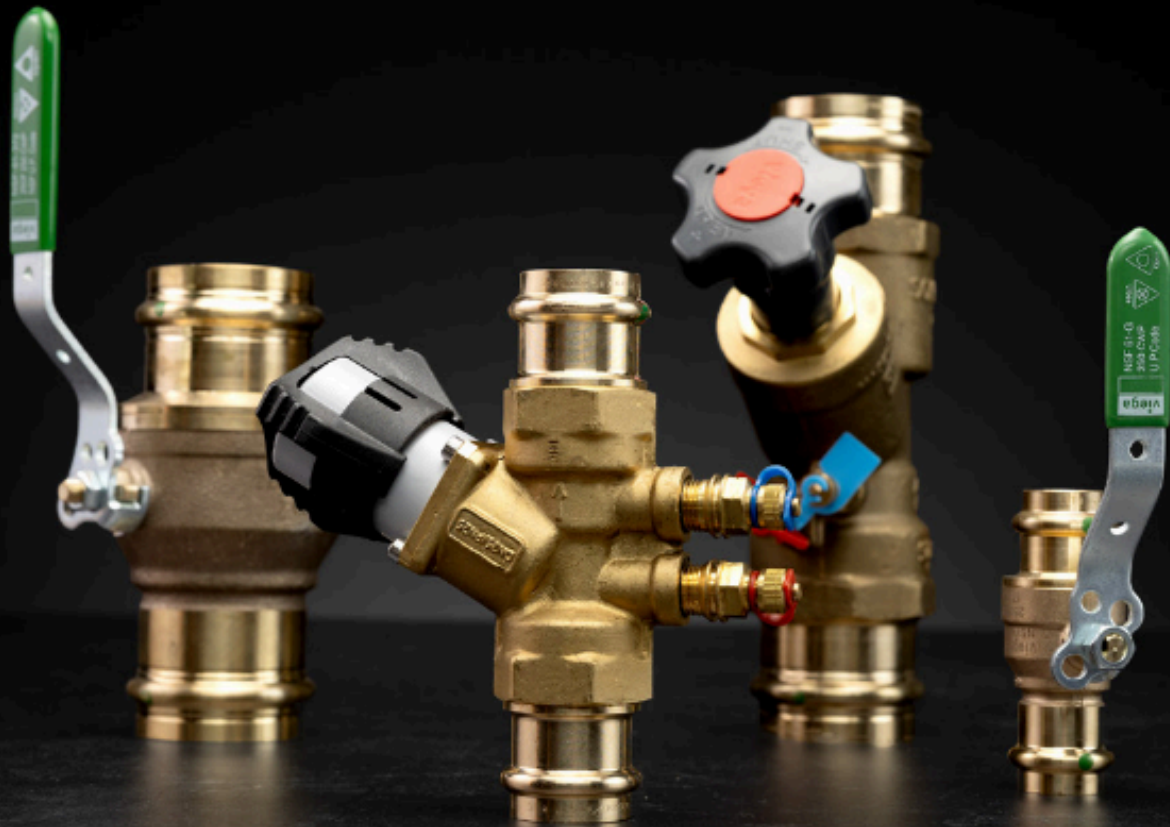
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IN CASE YOU MISSED IT...

This June, the president, Jeffery Beeden, PE, kicked off the New Jersey chapter meeting, officially announcing and inducting the elected and appointed candidates for the 2025–2026 Board.

President: Samantha Miccio, Vice President Technical: Jeff Beeden, PE, Education Chair: Nick Azmo, Vice President Legislative: Dan O’Gorman, CPD, Vice President Membership: Frank Smith, Treasurer: Rob Curcio, Administrative Secretary: John Kelley, Corresponding Secretary/News Editor: Jordan Westra, ASPE Young Professional Liaison: Christian Tennant, and Women of ASPE Liaison: Amber Peluso.

Continuing, Jeff recapped the 50th anniversary event that was held in April and the success of the Golf event in May.

Technical Presentation: Medical Gas 101: Presented by Jonathan Mann

At our recent chapter meeting, attendees were treated to a highly informative presentation on Medical Gas Systems presented by Jonathan Mann, the northeast representative for Patton’s Medical and a former medical gas verifier and field technician.

Our recent Medical Gas 101 presentation provided a thorough overview of essential topics for anyone involved in the design, installation, and maintenance of medical gas systems.

Here’s what we covered:

- **Compressed Air Systems:** Differences between Medical, Instrument, and Nonmedical air.
- **Compressed Air Technologies:** Scroll Compressors, Reciprocating Compressors, & Screw Compressors.
- **Vacuum Systems & Vacuum Definitions:** Understanding Medical–Surgical vacuum & Waste Anesthetic Gas Disposal (WAGD)
- **Gas Manifolds:** Their role in system distribution and safety
- **Valves:** Various types including Zone, Source, Main, Riser, Service, Isolation, and Emergency Oxygen Shutoff Controllers (EOSC)

June Meeting Information

Topic: Medical Gas 101
Speaker: Jonathan Mann

Date: June 18th, 2025
Location: Nancy’s Townhouse

- **Alarms:** The function and importance of Area and Master alarm systems
- **Outlets/Inlets:** Proper use and placement for patient and equipment safety
- **Installation and Verification:** Best practices to ensure compliance and reliable operation
- **Medical Manifolds:** Delivery systems for different types of medical gasses

This foundational session equipped attendees with the knowledge needed to better understand the complexity and critical nature of medical gas systems, reinforcing the importance of precision and adherence to standards in healthcare environments.

The session concluded with a lively Q&A, where many attendees enthusiastically shared their experiences and insights. This active participation demonstrated just how invested our members are in deepening their understanding of medical gas systems and applying that knowledge on the job. It was inspiring to see such a collaborative spirit, and we look forward to more engaging discussions in future meetings.

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Treasury Update



Hi,

My name is Rob Curcio, and I've had the pleasure of serving as Treasurer for NJ-ASPE for some time now. I'm happy to share that our chapter is in a strong financial position thanks in large part to the continued support of our incredible partners. We truly appreciate each and every one of you.

This year, our primary focus is to modernize and streamline our financial operations by implementing technology solutions for managing all receivables and expenditures. We'll be sure to keep you updated as we roll out these improvements.

Thank you again for your continued support.

Sincerely,
Rob Curcio
Treasurer, NJ-ASPE



Congratulations

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Membership Updates



We're excited to share some important updates about our chapter membership:

New Members: New Members: Please join us in welcoming our newest members from the past year! We're thrilled to have the following professionals join our community:

Joseph Layden
Thomas Bell
Craig Wolsten
Ryan Mullen, P.E.
Michael Castens
Sean Mooney
Carlos Hernandez
Patrick Pinho
Jacob Shively
Jinal Parekh, CPD
Steven Deland
Christopher Peterson
Noel Crespo
James Trynosky, LEED AP, P.E.
Jesse Chen
John O'Connell
Jason Atkinson
Daniel White
Vincent Sanchez P.E.
Simon Seal
Yerin Jeon
James Farrell
Brian Busseno
Richard Flanders
Ryan Gonyo
Amber Peluso
Christian Rodel
Mark Shenouda, P.E.

We're thrilled to announce that our chapter has grown to **120 passionate members!** This milestone marks a vibrant, close-knit community united by curiosity and collaboration. Whether you're new or a long standing member, your energy and insights are what make this chapter shine. Expect more engaging events, meaningful discussions, and exciting opportunities ahead as we continue to grow stronger together.

Thanks to each of you for being part of this journey. Let's keep the momentum rolling!

Renewals: Thank you to everyone who has renewed their membership recently! Your continued involvement keeps our chapter strong and vibrant.

Multi Chapter Affiliation: Did you know that for only \$80 more per chapter you can join as many chapters as you would like? The New Jersey Chapter proudly has 29 multi-chapter members!

Upcoming Member Events: Don't forget to mark your calendars for our upcoming meetings & events. These are great ways to connect, learn, and grow together.

Calling all affiliates! Competition is heating up to see who can recruit the most engineers to join our chapter. Bring your A-game — the winning affiliate will earn bragging rights (and maybe a prize or two). Let's grow our community with the best talent in the field!

Membership Updates



Member Spotlight: Each month, we'll highlight a member making an impact in the plumbing industry or within our community. Stay tuned for September's spotlight in the next newsletter!

How to Get Involved: Interested in volunteering, joining a committee, or helping plan events? Reach out to Frank Smith or Samantha Miccio – there's always room for passionate members to step up and make a difference.

If you have any updates to share, questions about membership, or suggestions for activities, please contact us. We're here to support you!

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Frank Smith

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George Pfreunds Schuh, P.E.

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Simon Seal

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Gearing Up for Innovation: 2025 ASPE Tech Symposium in Orlando, Florida

Excitement is building for the upcoming 2025 ASPE Tech Symposium, taking place this year in sunny Orlando, Florida, September 24th-28th. Hotel space in the ASPE block at the Rosen Hotel is limited!

Among the impressive lineup of technical sessions, we are especially excited and proud to announce that New Jersey's own Dan O'Gorman, CPD, will be presenting this year, "The Engineer and Code Official Relationship: Common Plumbing Plan Review and Code

Dan's session is designed to bridge the gap between design professionals and code officials by offering practical training and real-world examples. Attendees will gain critical insight into building a productive working relationship with inspectors and plan reviewers, while also learning how to avoid common mistakes that could delay or complicate projects.

Dan's extensive 35+ years of experience and dedication to both engineering and code compliance make him a standout voice in our industry. This session will be a must-attend for engineers, designers, and anyone involved in plumbing system planning, review, and approval.

Why Attend the Tech Symposium?

With 40 technical sessions to choose from, networking events, and product showcases, the ASPE Tech Symposium is the go-to event for plumbing engineers seeking cutting-edge education and industry connections. It's also a great opportunity to earn Professional Development Hours (PDHs) and bring back new knowledge to support your chapter and career growth.

Beyond the sessions, the Tech Symposium is a fantastic opportunity to connect with fellow ASPE members, learn from national experts, and bring new ideas back to strengthen our chapter.

Join us in supporting Dan and the entire New Jersey delegation as we head to Orlando for this exciting and educational event. Let's learn, connect, and continue raising the standard for plumbing engineering excellence.



For all members 35 and under, registration is open for the AYP Leadership Academy at this year's tech symposium



Hey YOUNG PROFESSIONALS!

Learn more about our group!

ASPE Young Professionals (AYP) is dedicated to the needs of plumbing engineers and designers 35 years old and younger. Your local ASPE Chapters have been busy organizing exciting opportunities designed to help you excel in your career, including:

- > Social and networking events
- > Partnerships with other associations
 - > Educational offerings
 - > Mentoring programs

And more!



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The Knowledge Exchange

ASSE Standards–Article Series #2



Check back each month as our Education Chair, Nick Azmo dives into one of the 49 ASSE Standards. Find the previous articles located in our previous newsletters.

An Introduction into the ASSE Standards:

As I mentioned in last month’s article, I have been tasked by the American Society of Sanitary Engineering (ASSE) NYC Chapter to share with you content that I know something about. The ASSE standards is something I am very familiar with because I sit on several of the national working group committees so naturally it made sense for me to write a series of articles about the ASSE standards.

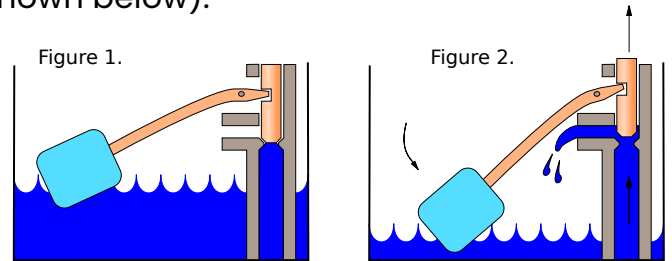
As a reminder, the purposes for the American Society of Sanitary Engineering (ASSE) standards is to protect public health and safety by establishing minimum performance and professional qualification requirements for plumbing products and professionals.

Currently, there are forty-nine ASSE Standards. Last month, we reviewed ASSE Standard 1001 The Atmospheric Vacuum Breaker. God willing, I’ll continue this series over the next four years, covering the remaining ASSE Standards to help sharpen everyone’s knowledge and skillset. This month, we’ll take a look at:

ASSE 1002 – Anti-Siphon Fill Valves for Water Closet Tanks

In the second article of this series, we’re focusing on the Anti-Siphon Fill Valve, commonly known in the field as the “ballcock.” Who would’ve thought there was even a performance standard for water fill valves, i.e., ballcocks? Fortunately for you, as someone who has dedicated their career to Backflow Prevention and Cross-Connection Control, I did.

Most people don’t give much thought to the inner workings of their toilet, but a small, crucial component inside the tank plays a vital role in safeguarding your health: the fill valve, often referred to in the field as the ballcock (shown below).



At its core, ASSE 1002 is designed to prevent contamination of your potable (drinking) water supply. Picture this: a sudden drop in water pressure, maybe due to a nearby fire hydrant being opened or a water main break down the street. Without proper protection, that drop could create a vacuum capable of sucking non-potable water from your toilet tank (which may contain waste, stagnant water, and cleaning chemicals) back into your home’s drinking water system. This phenomenon, known as **backsiphonage**, poses a serious public health risk.

Beyond backflow prevention, ASSE 1002 also outlines performance requirements that ensure your toilet operates reliably. These include minimum flow rates for efficient tank refilling and delivering enough water to the toilet bowl to re-establish the trap seal, which helps prevent sewer gases from entering your home. The standard also addresses durability, material safety (ensuring harmful chemicals don’t leach into the water), and ease of service.

Continued on page 20

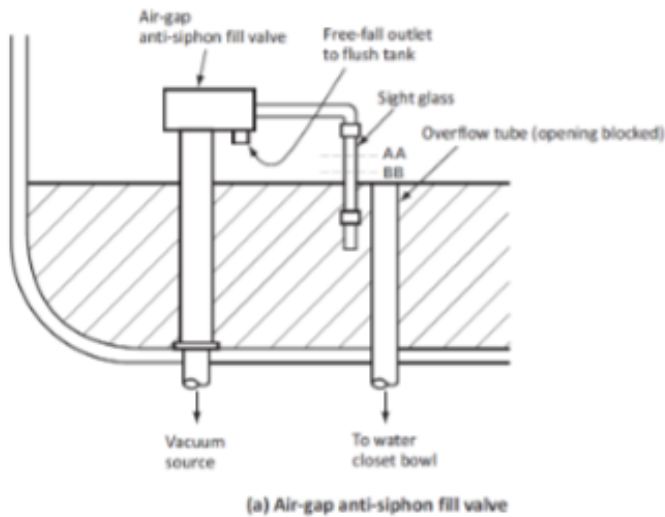
The Knowledge Exchange Cont.

ASSE Standards–Article Series #2



Continued from page 19

In layman's terms, the purpose of this standard is to ensure we don't end up drinking water that was sitting in the toilet's reservoir tank before it's flushed. (See picture below.)



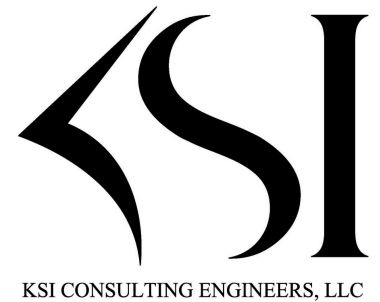
In essence, ASSE 1002 serves as both a public health safeguard, by preventing water contamination—and a performance standard that ensures efficient and reliable toilet operation.

These devices have defined operating ranges. Water pressure should be between 20 and 125 PSI, and the temperature should range from 40°F to 120°F. They must be installed in a vertical orientation (which is how they're manufactured), and the water fill line is permanently set 6 inches above the flood level rim of the overflow tube—meaning it cannot be adjusted in the field.

In next month's newsletter article, we'll explore:
ASSE Standard 1003 – Water Pressure Reducing Valves for Domestic Water Distribution Systems.

Nick Azmo

Education Chair



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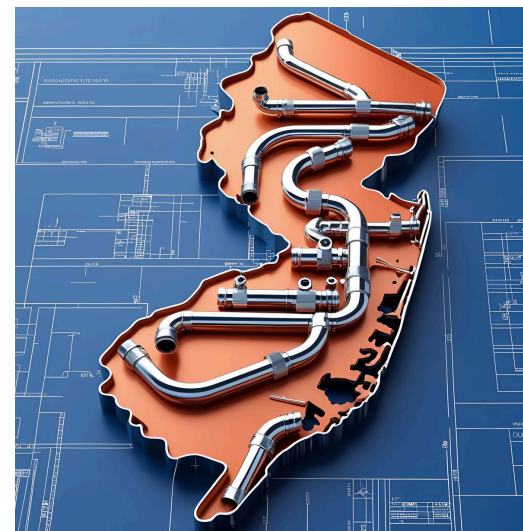
LEGISLATIVE NEWS- Dan O’Gorman, CPD

National Standard Plumbing Code™ Public Hearing Set for Aug. 14
IAPMO® encourages all members and industry representatives to review the proposed code changes for the 2027 National Standard Plumbing Code™ (NSPC) and attend the NSPC public hearing, Aug. 14, in Atlantic City, New Jersey.

The National Standard Plumbing Code Committee will conduct a Public Hearing on Proposed Changes to the Code. This Hearing will be held August 14, 2025, at the Caesars Hotel & Casino in Atlantic City, New Jersey. The public is invited to attend, and comment will be allowed on the Proposed Changes. Adopted changes will be published in the 2027 National Standard Plumbing Code. There will be a 9:00 a.m. start of the Public Hearing in Palladium B. A lunch break will be called at approximately noon, and the meeting will reconvene at 1:00 p.m. or as directed by the Chairman. Hotel accommodations are available through Caesars Atlantic City Hotel & Casino. Attendees can make reservations by calling (888) 516-2215 and referencing Group Code: SC08NP5 (NSPC 2025). The deadline to receive the NSPC negotiated room rate is July 22 and is subject to availability.

The Proposed Changes are available to download from the IAPMO website at www.iapmo.org/nspc. No hard copies of the proposed changes will be available at the public hearing; interested parties are encouraged to download the file

SCAN HERE TO READ MORE ABOUT
THE AUGUST 14th HEARING





NEW JERSEY

PAST PRESIDENTS



CHARTERED
OCTOBER 19TH 1974

1974–1975 Andy Ciffer Jr.
 1975–1977, 1990–1991 Manny Dios, CIPE
 1977–1979 Russ Lipari
 1979–1981 Raymond Lynch, PE
 1981–1982 Jack Barret, PE
 1982–1984 Bruce Ganley
 1984–1986 Richard Glidden
 1986–1988 Hank Zdanowski, CIPE, CPD
 1988–1990 Alex Nilo, CIPE
 1991–1993 Tim Brandauer, CIPE
 1993–1995 Dave Quinlan, CIPE, CPD
 1995–1996 Mike Frankel, CIPE
 1996–1998 George Donegan
 1998–2000 Tony Curiale, CPD

2000–2002 Dan O’Gorman
 2002–2004 Fred Holzapfel
 2004–2006 Gus Feliciano
 2006–2010, 2018–2020 Karl Yrjanaine, PE
 2010–2012 Luis Rodriguez, CPD
 2012–2015 David J. Scofield
 2015–2017 Ryan P. Mullen, PE, CPD
 2017–2018 David J. Scofield
 2020–2021 Anthony Curiale, CPD, FASPE
 2021–2022 Peter Rufo
 2022–2025 Jeffrey Beeden, PE



Like a well-built system, strong leadership ensures the flow of knowledge, progress, and purpose through every generation. Past presidents laid the groundwork, we just continue with gratitude and pride.

50 YEARS OF NJASPE

A Past Presidents History of the New Jersey Chapter of the American Society of Plumbing Engineers

By **Anthony J. Curiale, FASPE**

I was recently asked by our new President, Samantha Miccio to write a short article about NJ ASPE. I met Samantha for the first time at our 50th Anniversary Gala and was very impressed with this young woman's passion for our chapter and was therefore happy to oblige.

My personal experience with NJ ASPE only goes to around 1987 when I first joined ASPE, so I can only provide this partial history. I had come out of the petroleum and petrochemical industry in the 1980's during that economic downturn and having just moved to New Jersey from California I needed work. All of my previous 10 to 15 years of experience had been as a process piping designer/supervisor and with the market saturated with other available designers and related positions at an all-time low, maintaining the family's income became a real challenge. I therefore took a risk and answered an ad for a Plumbing Designer at a local Consulting Engineer's office figuring that with all my years of piping experience, I should have been able to pipe up a few toilets, right? My enthusiasm quickly turned to discouragement as I realized how little I knew about plumbing engineering. But this article isn't about me, it's about this wonderful ASPE chapter, one of many that is dedicated to "the advancement of the science of plumbing engineering, to the professional growth and advancement of its members and the health, welfare and safety of the public." (American Society of Plumbing Engineers website) and how we have shaped more than a few like me.



During my tenure at this consulting engineer's office, I became acquainted with one of our vendor reps, Mr. Joe Curcio. He invited me to a local ASPE meeting and told me about the society and how I could get to know others in the business. Joe and I spoke about that first meeting with fondness at the 50th Anniversary Gala. I learned a lot from the society in general and these folks in particular and my skills in process piping coupled with education in plumbing engineering gave me a unique skill set and propelled me into project roles I couldn't even imagine in years prior.

The New Jersey chapter of ASPE, first known as the "Northern New Jersey Chapter" was chartered in 1974. The history of that period is firmly established on the NJ ASPE web site. During my years as a member, I sought to learn and advance my skills, but there came a time when it became necessary to give back. So, from September 1996 to April 1997 I became newsletter editor, Vice President, Technical from 1997 to 1998 and President from 1998 to 2000.

Continued on next page.

A Past Presidents History of the New Jersey Chapter of the American Society of Plumbing Engineers

By Anthony J. Curiale, FASPE

Continued from previous page.

I attended my first national convention in Indianapolis IN, 1998. It was a real eye-opener for me as I finally understood what a unique association ASPE is. Hundreds of other men and women gathered under a single roof, all having a single purpose of mind, to do whatever he or she can do to bring the business of Plumbing Engineering to the forefront of the American public. It really was a moving experience.

During those years our chapter had grown to almost 200 members. We never really made 200, maybe 198 members at most, but it almost became an obsession with us. We've since learned that numbers are OK, but what really matters is quality of service to however many members we have. This really became evident during the pandemic when things were being shut down and personal meetings were discouraged. We managed to be sustained and some of us picked up the slack for other members who were affected more than others during that time.

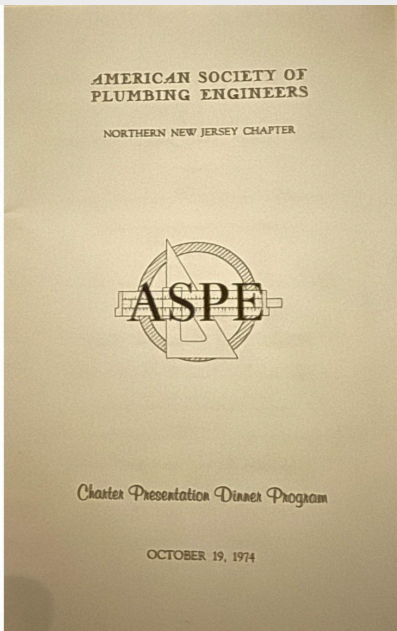


Photo: October 19, 1974 Chapter Presentation Dinner Program Cover

I went through some of the archives of President's Messages that I wrote over the year to refresh my memory related to some of the things that were accomplished by the New Jersey chapter to support our members. We developed a Member Resource binder which

A chapter web site containing affiliate links and current news was produced during my presidency which has been updated several times since then and continues to be a key resource for current information.

Our chapter, because of its location amidst numerous pharmaceutical and biotech industries was key in developing the book, "Pharmaceutical Facilities Plumbing Systems" in conjunction with Mike Frankel, a past president and longtime ASPE member which is still available on the ASPE Bookstore.

Dinner dances, which were popular during the early years of the chapter during a time when culture favored jacket and tie over tee shirts and jeans. Our history reports on the first such event at the Suburban Hotel in Summit, NJ on Oct. 19, 1984. Photos of some of these events were displayed at the recent Gala celebration.

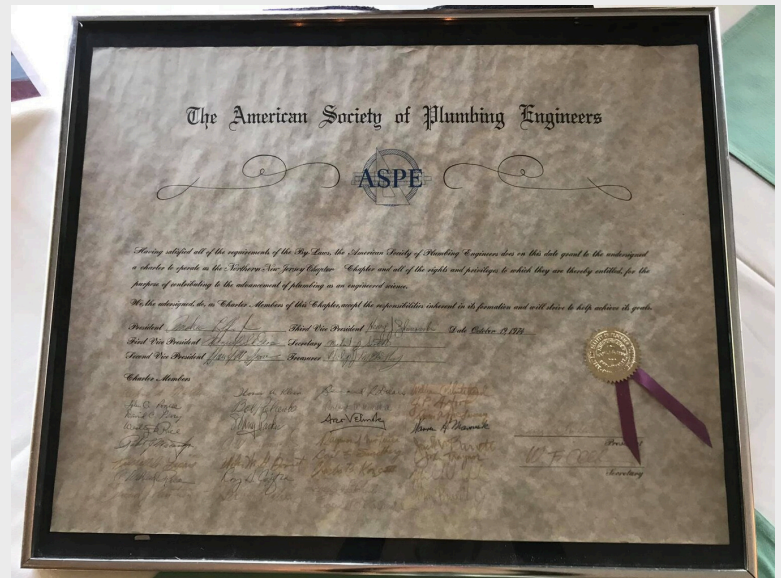


Photo: NJASPE original charter certificate

We've successfully held over 30 golf outings thanks to the tireless and diligent efforts of Fred Holzapfel and Golf Event Management.

Continued on next page.

contained a roster of chapter members contact information as well as the line cards of several of our affiliate members.

A Past Presidents History of the New Jersey Chapter of the American Society of Plumbing Engineers

By Anthony J. Curiale, FASPE

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We've hosted a few dinner cruises, and even a few field visits. One which I attended visited was at the American Standard manufacturing facility in Trenton. I don't believe it exists anymore, but it was an education seeing how vitreous China toilets and lavatories were made. And let's not forget the tabletop exhibits that our affiliate members and various manufacturer's reps provide at each of our chapter meetings.

These seemingly minor displays provide insight into the latest innovations into the products we specify and provide a chance to speak with those most knowledgeable.

And I'd be remiss if I didn't mention the some of the unique technical presentations we've sponsored over the years. We hosted the "Step-by-Step" series in 2003 wherein we presented the development of a typical plumbing project, one aspect of the design at each meeting. Topics discussed were Schematic Designs and Construction Documents, Venting of Systems, Storm Water Systems, Sizing Domestic Water Systems, Natural and Medical Gases and RFI's. Presented as a round-table discussion, members participated in lively discussions of the systems.

And who could forget the vibrant exchange during the March 1999 meeting when the late Dick Toder came to express his opinions on Legionella. I could explain, but you had to be there!

These highlight just a few of the benefits and advantages that have been offered to members over the years. Of course, none of these things would be possible without dedicated and passionate members like you who have helped to bring them to pass. Having been part of this board of directors, let me say that I have the utmost confidence in their sustaining this chapter for the next year and beyond, to the next fifty years.

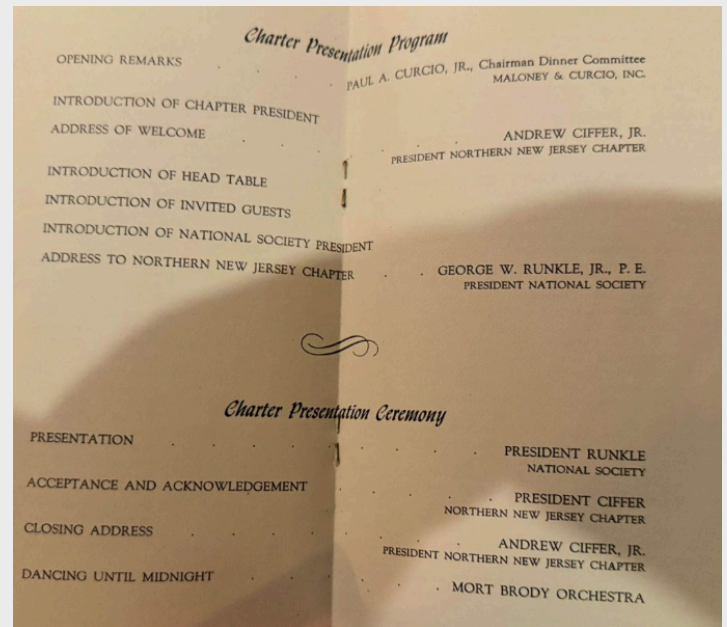


Photo: Page From the October 19, 1974 Chapter Presentation Dinner Program



Photo: Screenshot of the legacy NJASPE Website prior to the current one rolling out



Photo: Screenshot of the legacy NJASPE newsletter design

Thank you Tony for all you do for NJ ASPE!

Anthony J. Curiale, FASPE

1996-1998 Vice President Technical

1998-2000, 2020-2021 President

2012-2025 Newsletter Editor

2025-2026 NJ ASPE MEETING & EVENT SCHEDULE

Meeting Date	Topic	Tabletop Sponsor	Location
Wednesday September 17 th , 2025	2025-26 Meeting 01: Siphonic Drains		TBD
Wednesday October 15 th , 2025	2025-26 Meeting 02: Chubb Risk Engineering Center		5pm-8pm 35 Columbia Road Branchburg, NJ
Wednesday November 19 th , 2025	2025-26 Meeting 03: Battle of the Pexes	Uponor & Viega	
TBD	AYP EVENT		TBD
TBD IN DECEMBER	Holiday Party	N/A	TBD
TBD IN JANUARY	2025-26 Meeting 04: ASRAE/ASPE/MCA JOINT MEETING		TBD
Wednesday February 18 th , 2026	2025-26 Meeting 05: TBD		
Wednesday March 18 th , 2026	2025-26 Meeting 06: TBD		

Meeting Date	Topic	Tabletop Sponsor	Location
Wednesday April 15th, 2026	2025-26 Meeting 07: TBD	TBD	TBD
Wednesday May 20 th , 2026	2025-26 Meeting 08: TBD		TBD
TBD	NJ ASPE ANNUAL GOLF OUTING		TBD
Wednesday June 17 th , 2026	2025-26 Meeting 09: TBD Awards Ceremony/New Board of Directors Announced		TBD

Event details will be filled in soon!





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