

Monthly Meeting Announcement
Monday March 8, 2021 at 11:30 am
ONLINE – Microsoft Teams

The Southern California SFPE Chapter is hosting our monthly meeting. Please join us for networking and technical information. Register at www.sfpesocal.org. Members- free! non-members- only \$10!

Agenda

- 11:30 am SFPE Business
- 11:45 am Key Note Presentation including Q&A
- 1:00 pm Conclusion of Meeting

Topic: Antifreeze for Fire Sprinkler Systems as per NFPA 13, 13D, 13R, NFPA 25, and UL 2901

A 2009 residential fire incident in a CA residence should've been a success story. It wasn't. The antifreeze in the fire sprinkler system atomized through the activated sprinkler head exploded, resulting in a fatality. Ever since, an immediate and intense focus on antifreeze took place. Research, safety alerts, TIAs, and code changes ensued, continuing to today. In this presentation we will show the background behind changes in NFPA standards, define the current and future NFPA requirements for antifreeze systems, and review critical dates. Also, we will outline the testing requirements and safety factors for manufacturers to obtain a listing for an antifreeze solution for fire sprinkler systems. Until recently there were NO listed antifreeze products! Today there are only two. While Southern California enjoys nonfreezing temperatures, we still experience antifreeze systems for protection of refrigerated or freezer warehouses.



Presented by: Jeff Ramey



Jeff has over 30 years' experience in the plumbing and fire sprinkler industries, having worked closely with engineers, designers, distributors, contractors and code officials to provide technical training and support on various water, gas and fire sprinkler piping systems. He is a member of multiple plumbing, engineering and fire sprinkler associations and has presented at numerous technical sessions both at local and national levels. In addition, Jeff has written contributing articles published in plumbing and HVAC trade publications. For the past 7+ years he is a Piping Systems Consultant for The Lubrizol Corporation.