



The Anthracite Chapter

NEWS

February 2024

ASHRAE - Shaping Tomorrow's Built Environment Today

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President's Message

Hello ASHRAE members and friends.

I hope this finds everyone well. Last month we tried something a little different with the Hockey Night and tour at the Mohegan Sun Arena. I believe I can say with confidence that the over fifty in attendance had an enjoyable and educational time while getting a chance to know one another better in a more laid-back atmosphere. I certainly thank Colby and Duane from the Arena for their hospitality and look forward to going back next year to see the new R-717(Ammonia) refrigeration system being installed over the summer.

If you would like to become more involved in ASHRAE now is the time to come forward. Our Nominating Committee is now putting together recommendations for next year's officers. Please let Rich Supkowski or me know if you are interested.

This Month's meeting will be held Tuesday February 20th at Cooper's Seafood in Scranton. George Rossi of General Aire will be presenting on updates to ASHRAE Standard 170 and applications of filtration in Healthcare Facilities.

Please take advantage of our pre-registration option and skip the line at the registration table. Just click on the link below. It is quick and you can get a receipt immediately. You can also now register this way even if you are paying at the meeting.

<https://anthraciteashrae.weebly.com/meetings.html>

A handwritten signature in blue ink that reads "James Pensyl".

James Pensyl
ASHRAE Anthracite Chapter President 2023-2024

Chapter Website: <https://anthraciteashrae.weebly.com>

Speaker Biography

George Rossi

As the President of General Aire Systems, Inc. George is an ASHRAE member and has a presence in the HVAC and Specialty Air Filtration Industry. George is an alumnus of Drexel University, where he earned his Bachelor's Degree in Commerce and Engineering, with concentrations in Mechanical Engineering and Sales and Marketing.

With over three decades of experience, George has been a subject matter expert to mechanical and Process engineering firms, facility owners, and contractors, providing guidance and recommendations. His expertise extends to the selection of high-performance filtration solutions tailored for specific applications, aimed at removing airborne particles and gaseous contaminants. These applications span a diverse range including healthcare facilities, pharmaceutical manufacturing, cleanrooms, laboratories, museums, and commercial and industrial facilities. George's dedication to improving air quality and his vast industry knowledge make him a respected leader in the field.

Speaker Topic - ASHRAE 170-2021 Updates

We will review the following in detail.

- Minimum filtration efficiencies by space in Table 7.0, (Inpatient), 8.1 (Outpatient), and 9.1, (Residential).
- Understand why MERV-A is so important in healthcare facilities.
- Review other recognized authorities recommending MERV-A (CDC, ASHE, ASHRAE).
- Air bypass - how this impacts air quality and retrofit options for existing AHU.
- MERV 17-20 (Fact or Fiction).
- Air Filter Total Cost of Ownership (TCO) Considerations.

Location: **Cooper's Seafood House**
701 N. Washington Ave, Scranton, PA 18509
(570) 346-6883

Schedule: 5:00-5:45 p.m. Business Meeting (All are Welcome)
5:30-6:30 p.m. Social Hour (Cash Bar)
6:00-6:30 p.m. Dinner/Program Registration
6:30-7:15 p.m. Dinner Buffet
7:15-8:30 p.m. Announcements & Presentation

Cost: \$ 35.00 advanced registration, cash, or check / \$ 40.00 credit card at the door / FREE for Students

Only If You Are Planning to Attend Please Respond by 2 pm on FRIDAY, February 16, 2024, by using our convenient registration form <https://anthraciteashrae.weebly.com/meetings.html>. You can now register on the website even if you wish to pay at the door. You can also register by either calling James Pensyl at (570) 912-2422, or via e-mail at c134@ashrae.net.







***NEWS* and Notes**

Newsletter Sponsors

I hope all who sponsored our Chapters newsletter last year will continue with your support. Your check can be sent to Michael Mecchi, Treasurer, or given to any of our Officers at the next meeting.

If anyone else would like to sponsor the newsletter, or know of someone who might, please contact myself, or any of the Officers.

Technology Corner

Technical articles are always welcome to be included in our newsletter. If you have a technical article that you would like to see included in a future edition of the *NEWS*, please submit articles to CTTC Chair Dennis Gochoel c134prg@ashrae.net for consideration.

Job Opportunity

If anyone has any job openings they would like to see posted in the *NEWS*, please forward all pertinent information to me at c134@ashrae.net



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Attend training courses as required, internally and at factories as scheduled.

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Job Opportunity



Director of Mechanical Engineering

We are seeking an experienced Director of Mechanical Engineer specializing in Mechanical Systems Design to be a part of our growing engineering practice.

We currently have openings in our Pittston, PA location. The successful candidate will have experience with an A&E Consulting firm leading design, mentoring staff, and interacting with clients.

The candidate will be involved from the initial conceptual design to construction close out, for projects across a wide range of industries including healthcare, education, commercial, industrial and mission critical.

In this position you are responsible for the overall total management of all aspects of the Mechanical Department.

The Director of Mechanical Engineering is responsible for:

- Reports to the partners about department needs such as manpower, equipment, software, personnel issues, education reimbursement.
- All necessary quality control on every project; that would include checking, etc.
- Increasing productivity of department.
- Establishing design standards and protocols with the goal of producing a consistent product.
- Developing & Maintaining Standardized details
- Develop and Maintain, Master Spec's. specific to SMA needs. Short form drawing and/or word for small projects and book spec for larger ones.
- Establishing format for design calculations. (Heating/Cooling loads, plumbing water/gas/sanitary/storm lines, Energy analysis, ???)
- Establishing format of design specific major project equipment.
- Selecting the software specific to mechanical department needs.
- Weekly review of all time sheets and evaluations of the mechanical department.
- Yearly review of salary increases and evaluations of the mechanical department.
- Develop project requirements in conjunction with project manager (i.e., drawing lists, scope).
- Recruiting of Staff.
- Training and Development of Staff.
- Monitoring of hours for their department on all projects and any change of scope issues.

Qualifications

- BSME/MET/BSAE (or other engineering discipline with applicable experience).
- Current PE registration is required.
- 10+ years' experience designing HVAC building systems in technically sophisticated facilities.
- Have project management experience running projects.
- Knowledge of building plumbing and fire protection systems a plus

Charles C Smith, PE

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2022-23 Ron Sibulsky	2011-12 A.J. Speicher	2000-01 Dennis Gochoel	1989-90 Paul Dreater
2021-22 Michael Mecchi	2010-11 Tom Swartwood	1999-00 John Durdan	1988-89 Bud Reilly
2020-21 Michael Mecchi	2009-10 Brian Flynn	1998-99 Matthew Martin	1987-88 Ray Suhocki
2019-20 Marjorie Gelso	2008-09 Eric Zanolini	1997-98 Dean Butler	1986-87 Jerry Peznowski
2018-19 Eric Turner	2007-08 Walt Janus	1996-97 Charlie Smith	1985-86 Lee Garing
2017-18 Eric Turner	2006-07 John Havenstrite	1995-96 Chuck Swinderman	1984-85 Spence Martin
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2013-14 Matt Archey	2002-03 Phil Latinski	1991-92 Dan Mello	1980-81 Kerry Freeman
2012-13 Tracey Jumper	2001-02 Mike Moran	1990-91 Mark Hagen	

ANTHRACITE CHAPTER MEETINGS & EVENTS 2022-23

Date	Theme	Program	Speaker
Sept. 19	Membership/ Bring-a-Buddy	PA Commercial Utility Incentive Programs First Energy and PPL	Kevin Lugo Bud Fogelman
Oct. 17		Applying ASHRAE Standard 241& Benefits of Bi-Polar Ionization in Commercial Buildings Location: Harvest Seasonal Gill	Carlos Gendron
Nov. 14	Research Promotion/ Donor Recognition	Decarbonization- Lessons Learned from the Rainforests Location: East Mountain Inn	Tracy Jumper*
December	Research Promotion Social/ Formal	TBD	--
Jan. 17	Family Fun Night	W/B Penguins Game and Arena Refrigeration Plant Tour, Mohegan Sun Areana.	Plant Tour
Jan 20. -Jan 24	Winter Conference/AHR Expo	2024 ASHRAE Winter Conference & AHR Expo, Chicago, IL	--
Feb. 20	Engineer's Week Joint Meeting w/ SMACNA	ASHRAE Standard 170, Ventilation of Healthcare Facilities Location: Cooper's Seafood Scranton PA	George Rossi
Mar. 19	Nominating Night Joint Mtg. w/ AIA	Don't Let your BIM go Boom Location: Apple Tree Terrace, Dallas PA	Mitchell Swann*
April 16	Students/Membership Promotion	2 nd Annual Membership Promotion Mixer and Corn Hole Tournament Location: Susquehanna Brewing Company Pittston PA	--
May 21	Past-Presidents	TBD Location: Sand Springs, Drums PA	TBD
Jun. 18	Fun & Fellowship	Mark A. Hagan, PE Memorial Golf Outing	--
Aug.	Chapters Regional Conf. 8/15/24 thru 8/17/24	2024 Region III CRC, Bethlehem, PA	--

*ASHRAE Distinguished Lecturer

The Anthracite Chapter NEWS

James Pensyl, Editor, c/o 160 West Main Street , Millville, PA 17846

ASHRAE MISSION

- To advance the arts and sciences of heating, ventilating, air conditioning and refrigerating to serve humanity and promote a sustainable world.

ASHRAE VISION

- ASHRAE will be the global leader, the foremost source of technical and educational information, and the primary provider of opportunity for professional growth in the arts and sciences of heating, ventilating, air conditioning and refrigerating.