

RADON REPORTER

Practical Information for Your Success

Soil Gas Mitigation Compliance



OFFICERS

PRESIDENT: Dave Hill
dhill@spruce.com

IMMEDIATE PAST PRESIDENT: Kyle Hoytman
kyle@protectenvironmental.com

VICE PRESIDENT: George Schambach
george@professionalhome.com

VICE PRESIDENT: David Gillay
David.Gillay@btlaw.com

SECRETARY: Jan Fisher
jfisher@certi.us

TREASURER: Dan Potter
danpotter@dupageradon.com

NATIONALLY ELECTED DIRECTORS

Nate Burden, Jr. / nateburden@msn.com
 Aaron Friedrich / aaron.friedrich@erm.com
 Zan Jones / zan.jones@radonova.com
 Annie-Laurie Hunter / annie-laurie@ardenthomeinspections.com
 John Mallon / john@radondetectionandcontrol.com
 Dawn Oggier / doggier@spruce.com
 Shawn Price / sprice@spruce.com
 Kim Steves / ksteves@crccd.org
 Kevin Stewart / Kevin.Stewart@lung.org
 Duane West / duane@3rsgroup.com

CHAPTER COUNCIL DIRECTORS

Myca Bruno / mbruno@bbgres.com
 Phil McDonnell / pmcdonnell@swatradon.com

STAFF

IT Manager, Software Developer
 Mike DeVaynes / admin@indoorenvironments.org

NRPP Credentialing Manager
 Christina Johnson / certification@indoorenvironments.org

National Policy Director
 Jane Malone / nationalpolicy@indoorenvironments.org

Director of Proficiency
 Amy Roedl / proficiency.director@indoorenvironments.org

Finance Director
 Andika Susanti / administrator@indoorenvironments.org

Executive Director
 Diane Swecker / director@indoorenvironments.org

Membership Coordinator
 Holly Tabano / membership@indoorenvironments.org

Copyright © 2024 American Association of Radon Scientists & Technologists. All rights reserved.
 Reproduction in whole or in part of any text, photograph, or graphic without written permission from the publisher is strictly prohibited.



TABLE of CONTENTS

- 5 IEA Rebranding + Pillars**
- 8 2024 Board Election Results**
- 9 ALA + IEA Freedom From Smoking Campaign**
- 11 Chapter Corner**
- 13 Member Spotlight: Myca Bruno**
- 14 NRPP News and Updates**
- 20 A Mitigation Case Study**
Greg Johns, WIN Home Inspection
- 22 SG-OMM Standard**
Dawn Oggier, RadonAway
- 24 Certification Spotlight: Steven Paternostro**
- 26 2025 Symposium Preview: Ft. Worth, TX**
- 28 2024 Industry Survey**
- 30 IEA/AARST 2024 Awards**
- 33 Member Spotlight: Merritt Gantt**

AD INDEX

- | | | | |
|-----------|-----------------|-----------|------------|
| 7 | RadonAway | 27 | Airthings |
| 12 | Spruce Training | 34 | PDS Supply |
| 19 | Angi | 36 | Lowe's Pro |
| 23 | CERTI | | |

Please submit content, comments, or questions to editor@aarst.org.

Indoor Environments Association™ is a nonprofit, professional organization of members who are dedicated to the highest standard of excellence and ethical performance of hazard identification and abatement of radon, chemical vapor intrusion, and other contaminants of concern in the built environment. The organization primarily strives to advance the interests of its members through developing industry standards, certifying technical proficiency, enabling advancement of public policy, and communicating health risks to the public.

Letter from the President, Dave Hill



Dear Fellow IEA Members,

Thank you for electing me President of the Indoor Environments Association. Many of you may not know, but it has been exactly twenty years since I last served in this role. In that time, we have built an impressive professional organization that is the world's leading industry voice on radon and vapor intrusion. Twenty years

ago, we were faced with the need to build a foundation for our organization's future successes. On the backs of many great volunteers and staff, we have met the challenge to create an influential industry association that works tirelessly for its members. As I begin my current tenure, the challenge is for us to build on the great work of our leadership predecessors while working toward sustainability and growth. That said, I want to take a moment to reflect on the current state of our industries—both radon and vapor intrusion—and to outline the important role the IEA will play as we move forward.

The Current Status of the Radon Industry

Radon risk remains one of the most under-recognized health hazards in homes, workplaces and other buildings. While we've made great strides in increasing awareness and testing, there is still a vast amount of work to do. In many communities, radon levels remain high and largely unaddressed – and too many buildings in many communities have never been tested. As an industry, we are in a unique position to make a meaningful difference, and the role of the IEA is more important than ever. We've seen great advancements in radon testing technology and mitigation techniques, and our community is adapting to improve accessibility and affordability for homeowners and business owners alike.

Legislation and regulation continue to play a significant role in the industry, and our organization is at the forefront, advocating for policies that protect people from radon exposure – both directly and by ensuring industry-wide accountability through credentials and enforcement. The recent updates to standards such as ANSI/AARST protocols underscore our commitment to quality, safety, and reliability in radon measurement and mitigation. Moving forward, we must continue to prioritize partnerships with government agencies, lung health advocates, and public health organizations to push for appropriately stringent regulations, grants, and incentives that can help mitigate radon risks.

The State of the Vapor Intrusion Industry

The vapor intrusion industry has gained momentum as awareness about this invisible health threat grows. Although vapor intrusion is a relatively new field compared to radon mitigation, it is fast evolving, and our members are making invaluable contributions through research, testing, and mitigation practices. Vapor intrusion affects both residential and commercial properties, and as more cases emerge, it becomes evident that there is an urgent need for uniform standards and better regulatory frameworks.

(continued on next page)

IEA and the ANSI/AARST standards consortium have been instrumental in developing best practices and advancing shared research in vapor intrusion. However, we need to keep pushing forward. We will prioritize education, outreach, and policy advocacy to elevate the importance of vapor intrusion within public health dialogues. Our goal is to ensure that vapor intrusion is as widely recognized and addressed as radon exposure.

IEA's Role Moving Forward

Our organization is uniquely positioned to be the leader in promoting both radon and vapor intrusion awareness and mitigation. We have a dedicated network of professionals who are committed to protecting public health and advancing our fields. Moving forward, our focus will be on three key areas:

1. **Policy Advocacy:** We will continue to work on legislative efforts at both the federal and state levels to drive awareness and support for comprehensive policies that protect communities.
2. **Credentials and Training:** The demand for professionals qualified to deliver radon and vapor intrusion services is increasing. IEA is committed to meeting that demand through NRPP's enhanced certifications, current credentials, and training approvals. We will continue to provide opportunities for professional development and ensure our members are equipped with training in the latest knowledge and skills.
3. **Standards and Innovation:** Through the ongoing development of ANSI/AARST standards, we remain committed to setting the highest benchmarks for safety and effectiveness. We will continue to embrace innovation, supporting research and the adoption of new technologies that make radon and vapor intrusion mitigation more effective and accessible.

I am incredibly proud of the work that IEA has accomplished so far and am optimistic about our future. Together, we will continue to make strides in reducing radon and vapor intrusion risks, creating safer environments for all. Thank you for your dedication, resilience, and hard work. Let's continue to drive our industry forward and work towards a future where every family and community can breathe easier.

Promote your Organization with IEA
Advertise with Us!

Position your brand as a leader in the radon and vapor intrusion industries by increasing visibility and staying top of mind. Let us help you make a lasting impact.

Special Bundle Discounts Available: Through January 31, 2025
To be featured in Rn Biz January Issue: Purchase your 1-Year Bundle by December 15, 2024

Secure Your Spot Today and Save!

advertising@aarst.org



Indoor Environments Association: A New Era in Indoor Environmental Health

The past year has marked a transformative journey for the organization formerly known as the American Association of Radon Scientists and Technologists (AARST). Rebranding as the Indoor Environments Association (IEA) signifies a strategic expansion to tackle a broader range of environmental hazards that threaten public health in indoor spaces. This evolution reflects the organization's commitment to addressing emerging contaminants while honoring its foundation in radon—the second leading cause of lung cancer in the United States.

Why Did AARST Expand Its Mission?

One key motivation behind the rebranding was the recognition of additional indoor environmental hazards, specifically vapor intrusion (VI), which poses serious health risks when volatile organic compounds (VOCs) from contaminants in soil or groundwater migrate into buildings. Some of IEA's members have been deeply involved in VI work for years, pioneering strategies for mitigating these risks. For others, the expansion presents a new opportunity to apply their radon expertise to vapor intrusion, while others still are just beginning to consider VI work. Together, this diverse group of professionals contribute to the IEA's development of comprehensive standards that address both radon and VI, positioning the organization as an essential resource for handling a range of indoor environmental challenges.

In recent years, the association was approached by the U.S. Environmental Protection Agency (EPA) and other stakeholders to establish standards for vapor intrusion, recognizing the overlap in the infrastructure and technology used for radon and VI mitigation. The ANSI-AARST mitigation standards were retitled as "soil gas mitigation" standards to encompass both contaminants, creating a robust foundation for handling indoor air quality threats. IEA's membership has brought their expertise to this endeavor, supporting the development of American National Standards Institute (ANSI) / AARST standards and helping to shape ANSI National Accreditation Board (ANAB)-accredited credentials that establish best practices in both radon and vapor intrusion mitigation.



• ASSOCIATION NEWS

Leveraging Expertise to Expand Professional Opportunities

IEA's expanded mission offers members new ways to diversify their skills and extend their services. The organization's members include experts in radon measurement and mitigation, many of whom are now leveraging their technical knowledge to address vapor intrusion and potentially other contaminants in the future. By participating in the development of ANSI/AARST standards and ANAB-accredited credentials, members are broadening their expertise and gaining valuable certifications that make them even more trusted authorities in the field.

This diversification is beneficial not only to individual professionals but also to the association and its chapters. With more credentialed experts, IEA is able to solidify its reputation as a central hub of expertise, serving property owners/managers, regulators, and communities who seek reliable solutions for indoor air quality issues. The expanded scope allows IEA members to access new business opportunities, empowering them to offer comprehensive services that address an array of contaminants in indoor spaces.

Addressing Public Health Implications

IEA's mission has always been rooted in saving lives, a commitment reflected in its decades-long focus on preventing radon-induced lung cancer. However, radon is just one part of the larger indoor environmental health picture. Health risks associated with vapor intrusion, for instance, are substantial. VOCs such as trichloroethylene (TCE) and benzene—both common in VI cases—are known carcinogens and prolonged exposure can lead to serious health issues.

With a broadened scope, the IEA is better positioned to address these varied threats and advocate for public health measures to mitigate risks from multiple contaminants. By maintaining and developing standards, certifying technical proficiency, and collaborating with regulatory agencies, IEA plays an instrumental role in preventing exposure to hazardous indoor pollutants. This proactive approach allows the association to extend its life-saving impact beyond radon, creating healthier living and working spaces nationwide.

Responding to Emerging Public Policy Needs

The association's expanded focus also strengthens its role in influencing public policy on indoor environmental quality. Indoor environmental hazards are increasingly on the radar of government agencies and regulatory bodies, and IEA's longstanding experience makes it uniquely equipped to support policy development on contaminants beyond radon.

As policymakers and industry leaders work to address indoor air quality more comprehensively, IEA's expertise in public policy, credentialing, and standard-setting ensures that buildings are designed and maintained to meet the highest health and safety standards. By shaping ANSI standards and ANAB-accredited credentials, IEA prepares its members to meet the stringent requirements of emerging regulations, positioning them to be both compliant and competitive as the industry evolves.

Ensuring Organizational Sustainability

The rebranding as the Indoor Environments Association™ is also a forward-looking step that ensures the organization's long-term sustainability. By broadening its reach, IEA attracts a more diverse membership base and engages stakeholders who are invested in a wider range of indoor environmental challenges. This expansion enhances the association's relevance and vitality, providing members with resources, training, and advocacy opportunities that are aligned with the ever-evolving field of indoor environmental health.

As a nonprofit, the IEA remains dedicated to upholding the highest standards of excellence and ethical performance in hazard identification and abatement. This expanded mission not only supports public health but also nurtures a growing community of credentialed professionals who are equipped to address both present and future challenges in indoor environmental health.

A Future Beyond Radon and Vapor Intrusion

While radon and vapor intrusion remain the current focus, the association is positioned to explore other contaminants should they arise as significant public health concerns in indoor environments. This adaptability enables IEA to be both responsive and proactive, continually evolving to serve its members, stakeholders, and the public.

In summary, the rebranding of AARST as the Indoor Environments Association™ reflects a strategic transformation that enhances the organization's impact on public health, professional development, and policy influence. By embracing a broader scope and leveraging the skills and dedication of its members, the IEA is poised to safeguard public health from a range of indoor environmental hazards, ensuring healthier indoor spaces for communities across the country.

Regarding ANSI/AARST Standards' Name:

Because this designation for the standards has been incorporated into laws and regulations, the name "ANSI/AARST" will continue.

PROVIDING SOLUTIONS FOR HEALTHIER INDOOR AIR & WATER FOR OVER 35 YEARS

RADON FANS
VAPOR INTRUSION
TESTING PRODUCTS & LAB SERVICES
PROFESSIONAL TRAINING



RADONAWAY MOBILE APP

View prices, place orders, access invoices, manage favorites & more all from the field!



800-767-3703 | radonaway.com



• ASSOCIATION NEWS



2024 Board Election and 2025 Board and Council Chairs

Voting for the 2024 Indoor Environment Association election opened August 30 and concluded Monday, September 16 at 1 PM ET. During this period, members exercised their voting rights to elect one of the Association’s Vice Presidents and five National Directors for two-year terms, and one additional National Director for a one-year term to complete the term of a seat vacated by resignation.

The election results were:

OFFICERS: George Schambach (Vice President).

NATIONALLY ELECTED DIRECTORS: Aaron Friedrich, Dawn Oggier, Shawn Price, Kim Steves, and Duane West for two-year terms, and Annie-Laurie Hunter for a one-year term.

CONTINUING CURRENT TERMS:

Officers: Dave Hill (President), Kyle Hoylman (Past President), David Gillay (Vice President), Jan Fisher (Secretary), Dan Potter (Treasurer)

Nationally Elected Directors: Nate Burden, Zan Jones, John Mallon, Kevin Stewart

Chapter Council Directors: Myca Bruno, Phil McDonnell

Nominations for the 2025 IEA Board Election will be open from May 1 to July 1, 2025.



Update: IEA and the American Lung Association’s Ongoing Fight Against Lung Cancer and Support for Radon and VI Professionals



Since August 1, the radon and vapor intrusion industry, Indoor Environments Association (IEA) and the American Lung Association (ALA) have united to address a critical issue for those in the radon industry and their families through their Freedom from Smoking Campaign. Given the elevated lung cancer risk for individuals who are regularly exposed to radon and also smoke, this program is vital. By combining tobacco cessation with radon exposure reduction, the campaign offers a powerful approach to lung cancer prevention. Spearheaded by Kevin Stewart, ALA Director of Environmental Health, Jennifer Folkenroth, ALA Senior Director of Nationwide Tobacco Programs, and Nate Burden, President of the Pennsylvania IEA Chapter, the collaborative initiative reaches professionals and families alike through educational platforms, outreach events, and continuous support.

The Freedom from Smoking Campaign has already received strong support across IEA’s network. From presentations at the annual Indoor Environments Radon and Vapor Intrusion Symposium to monthly IEA board meetings and the November IEA Chapter Council meeting, each event has highlighted the importance of addressing radon-smoking synergy in lung cancer prevention. Although enrollment in the Freedom From Smoking program has started slow, the response to related events has shown strong interest in the campaign’s mission.

This November, the campaign took on even greater significance during Lung Cancer Awareness Month, with a November 21 webcast titled *Radon-Smoking Synergy: Proven-Effective Strategies to Lower Your Risk for Lung Cancer*, drawing in an engaged audience and marking the annual Great American Smokeout® tobacco awareness event organized by the American Cancer Society. Attendance was impressive, with participants engaging actively in discussions on reducing lung cancer risks associated with radon exposure and smoking. This high turnout suggests a significant demand for resources and support in managing these risks among radon industry professionals and their families.

The webcast, led by experts from both the ALA and IEA, including Jennifer Folkenroth, Kevin Stewart, and Nate Burden, offered participants a closer look at the intersection between radon and smoking risks and actionable, proven strategies to mitigate lung cancer risk. The conversation underscored a stark reality: tobacco smoke and radon are the leading causes of lung cancer, and exposure to both can significantly amplify cancer risk. Addressing these factors in unison is crucial, given that lung cancer takes more lives each year than breast, prostate, and pancreatic cancers combined.

Begin your journey to freedom today by visiting [Bit.ly/KickTheNic](https://bit.ly/KickTheNic)

(continued on next page)

Why Radon and Smoking? Understanding the Synergistic Risks

While radon alone poses a significant health risk, exposure combined with tobacco use creates a multiplier effect. Radon is a naturally occurring radioactive gas that, when inhaled, emits alpha particles that can damage lung cells and potentially lead to cancer. In the U.S., radon exposure is responsible for approximately 21,000 lung cancer deaths each year, making it the leading cause of lung cancer among never-smokers. For smokers, this risk is drastically increased, with studies suggesting that smokers are up to 10 times more likely to develop lung cancer if they are also exposed to radon. This alarming synergy between radon exposure and smoking is the core driver behind the IEA and ALA's united approach.

"We want to see change," shared Nate Burden, "and we're seeing a real opportunity to make a difference through this campaign. By addressing these two potent risk factors together, we're setting the stage for a healthier future."

Proven-Effective Tobacco Cessation: The Freedom from Smoking Program

Quitting smoking is one of the most effective steps anyone can take to protect lung health. The ALA's Freedom from Smoking® program, a leading cessation program for over 40 years, is a central component of the campaign. This evidence-based program has a remarkable track record, having helped more than a million Americans quit smoking. When combined with FDA-approved quit medications, Freedom from Smoking® has achieved a success rate close to 60%.

As part of the campaign, the ALA and IEA have made this program accessible to radon and vapor intrusion professionals and their families at no cost, breaking down financial barriers to tobacco cessation. Individuals can now sign up for Freedom from Smoking® Plus, a flexible, interactive, digital program available in 38 languages, by visiting <https://aarst.org/ala-ffs/>. Participants are also supported through telephone, chat, and email with ALA's certified tobacco cessation counselors, ensuring comprehensive support throughout their quit journey.

"Not everyone knows where to start," says Jennifer Folkenroth. "We're offering professionals in our industry and their families a unique opportunity to take advantage of proven cessation strategies. It's about accessibility and equipping people with the tools they need to succeed."

Screening and Early Detection: A Lifesaving Priority

In addition to quitting smoking, regular screening for those at high risk of lung cancer is another critical element in early detection and treatment. Unfortunately, only a small percentage of high-risk individuals undergo annual low-dose CT scans. Screening can detect lung cancer at earlier, more treatable stages, significantly reducing mortality rates. The American Lung Association provides an online tool at SavedByTheScan.org, which can help individuals determine if they qualify for lung cancer screening based on age, smoking history, and other risk factors.

Radon Awareness in January: Keeping the Momentum Going

With the campaign extending into 2025, IEA and ALA are gearing up for National Radon Action Month in January. This period will emphasize the importance of radon testing, especially in homes and workplaces where radon levels are unknown or untested, as well as mitigation of high radon levels. "We're excited to carry the momentum into the new year," adds Kevin Stewart. "January is an ideal time to encourage both radon testing and tobacco cessation, especially after the holiday season. Every step we take toward reducing radon exposure and second hand tobacco smoke is a step toward a healthier environment for all."

A Strong Start, a Promising Future

As the Freedom from Smoking Campaign gains momentum, IEA and ALA's commitment to lung health and health equity continues to deepen. Through partnerships, public outreach, and targeted campaigns, they aim to lower lung cancer rates by promoting both tobacco cessation and radon risk reduction. With enthusiastic advocates like Kevin Stewart, Jennifer Folkenroth, and Nate Burden, the campaign is well-positioned to make a lasting impact.

"Every participant who joins this effort strengthens our resolve," says Burden. "By coming together, we're creating a future where lung cancer isn't the leading cause of cancer death."

The partnership's commitment doesn't stop in January. In the subsequent months, both organizations will continue to reach out to communities nationwide, offering resources, support, and education to reduce the burden of lung cancer for future generations. Through this collaborative effort, the IEA and ALA are leading the way in building a healthier, smoke-free future.



Maryland Chapter Axe Throwing

On October 5, 2024, the Maryland Chapter of IEA hosted a chapter outing in Frederick, Maryland. The event, centered around axe throwing, was open to chapter members, their families, and prospective members. Participants enjoyed a fun and interactive two-hour session, complete with expert training on the art of axe throwing.

Rocky Mountain IEA Golf Event

The 5th annual tournament hosted by the Rocky Mountain Chapter of Indoor Environments Association took place October 1, 2024 at Arrowhead Golf Course in Littleton, Colorado. 120 golfers and many amazing volunteers and event sponsors enjoyed beautiful weather, fun golf hole challenges, prizes, good food, and informative industry updates - all to help increase radon awareness and prevent lung cancer. A portion of the proceeds has been provided to the American Lung Cancer Screening Initiative (ALCSI) university chapters in the region to support their efforts of early lung cancer screening and radon educational materials.



North Carolina Chapter approved by IEA Board

The North Carolina Chapter of the Indoor Environments Association was officially approved as an affiliated chapter in September 2024 by the Board of Directors. Under the leadership of President Myca Bruno, Vice President and Treasurer Katie Hubicki, and Secretary Cameron Butler, the chapter is focused on building member engagement and industry interest. On August 28, 2024, the chapter hosted an informational meeting to introduce its goals and initiatives to the community.

NC IEA Chapter Regulatory Hearing

On September 25th, several members of the North Carolina Chapter of the IEA (Myca Bruno, Cameron Butler, Duke Hunt, Eric Roberts, Abe Mendez, and Glenn Steers) attended a regulatory hearing in Raleigh held by the NC Department of Health and Human Services (DHHS). The NC members expressed their concerns related to the unregulated radon measurement and mitigation currently occurring in the state, as well as the Chapter's intentions of actively supporting and pursuing regulation through certification for radon service providers in North Carolina. Attending the regulatory hearing also inspired the formation of the Government Affairs Committee within the NC Chapter. Members of the committee are collaborating to lead the efforts in pushing for regulatory requirements in NC.

If you are an IEA member residing in NC and are interested in being a member of the NC Chapter Government Affairs Committee, please reach out to the NC Chapter President, Myca Bruno, at NCchapterIEA@gmail.com.

NEW COURSES! ENTRY LEVEL & CE

- Soil Gas Mitigation Compliance Inspection Certification
- Vapor Intrusion
- Measurement
- Mitigation

radonaway.com/training
800-767-3703



Myca Bruno

State/Chapter:

North Carolina Chapter of IEA

Association with IEA

President of the NC Chapter

Business Name:

BBG Assessments - Managing Director of Indoor Air Quality

IEA: How long have you been working in radon?

Answer: ~18 years

IEA: Describe your professional experience and what attracted you to radon (Your Ah Ha moment):

Answer: When my career began (what seems like) a lifetime ago, I was working for a national real estate due diligence firm conducting environmental assessment/ reporting per federal HUD requirements. I had the opportunity to specialize additionally in indoor air quality scopes (asbestos, lead-based paint, radon, etc.) under a fantastic mentor. I quickly realized I had found my calling. When HUD began to enforce requirements related to radon, it naturally became a large part of my focus.

IEA: What does your typical workday look like?

Answer: I have been known to describe my typical workday as a mixture of the metaphorical herding of cats and coordinating chaos across the country, which may include proposal fees, staffing projects, reviewing/writing reports, communication with clients/ staff/ subcontractors, explaining/ enforcing regulatory requirements, finding solutions to problems that arise, managing related process from start to finish of projects, etc.

IEA: What do you like about working in the radon profession?

Answer: First and foremost, I care about people, so being in a position where I feel like I am part of the solution in helping others to live in a healthier safer environment is what I like most. I also enjoy training/ mentoring others regarding radon measurement and related regulatory compliance. In addition, I enjoy the analytical/ logical nature of the work, especially solving the puzzle that is device placement locations in multi-family projects, as well as regulatory compliance reviews of reports.

IEA: What benefits does membership to Indoor Environments bring you?

Answer: My favorite benefit has been connecting and collaborating with other members, which has been the most beneficial in an infinite number of ways. It's a great community to be a part of. In addition, access and free download of searchable versions of the AARST standards and related tools, as well as discounted entry to the annual Radon and Vapor Intrusion Symposium, are benefits that I utilize consistently.

IEA: Do you have any advice for people who are considering becoming a member?

Answer: If you are considering becoming a member, you should absolutely do it. In my experience, being a member has been nothing but beneficial for me and has helped me better connect with the radon industry in every aspect.

Compliance Updates

NRPP's Certification Council recently approved updated NRPP's compliance policies. The updates included:

1. **Clarified policy and process for filing complaints** against NRPP-certified professionals;
2. **Detailed descriptions of various types of infractions and associated disciplinary actions** for each class of infraction;
3. **New policy and procedures for filing complaints against NRPP and its certification programs; and**
4. **New policy and procedures for filing an appeal.**

1. Complaints against certified professionals are for instances in which the certified professionals' work is not in compliance with the ANSI/AARST Standards or whose behavior is not in agreement with the NRPP Code of Ethics/Certification Terms Agreement.

Formal complaints are submitted to the Compliance Office on a completed [Complaint Form](#) and accompanied by evidence to support the complainant's claim. Evidence may include but is not limited to photos and copies of communications such as texts, emails, contracts, and test results. The Compliance Office will not consider complaints received through other means.

Complaints can be submitted by an aggrieved party (e.g. person who owns or occupies the property), a contractor (certified or not), a State Radon Office, or a certifying, code, health, environmental or licensing agency (public or private). Contractors may assist an aggrieved party in compiling evidence and submitting a complaint against a certified professional or may independently submit a complaint directly to NRPP. Contractors do not need to be certified to submit a complaint against a certified contractor.

The NRPP handles contractual complaints that pertain to compliance with national standards or fulfilling the terms of the contract, including guarantees and warranties. Contractual issues that are beyond the scope of the complaints process include complaints about pricing, timelines, competitive practices, and market activities. Complainants are advised to seek legal remedies on a local basis for these issues.

The policy for filing a complaint against NRPP-certified professionals and NRPP's procedure for handling these complaints, including timelines and classes of infractions, can be [downloaded here](#).

2. NRPP has identified four classes of infractions for noncompliance with the NRPP Code of Ethics/Certification Terms Agreement and ANSI/AARST Standards and has assigned disciplinary actions for substantiated violations in each class. Classes range from A through D and increase in severity moving from A to D.

The goal of NRPP's compliance process and disciplinary policy is to correct any issues with the certified professional's work and resolve the complainant's concerns, educate the certified professional and nurture professional practice & conduct, and prevent the issue from happening again. In all cases, not responding to a disciplinary inquiry or not cooperating with an investigation automatically results in a Class D infraction, which is the most severe.

Class A and B violations are the least severe of the 4 classes. The initial corrective action requires the certificant to return to the building and correct any issues with the work they performed.

Additional continuing education may be assigned, depending on the class of violation and severity of the infraction.

Class C violations are those that place the homeowner in short term imminent danger and require immediate correction. Class C infractions may require a third-party inspection, paid by the certificant, to ensure the issue has been adequately corrected and the risk eliminated.

Class D infractions are the most serious type of violation and involve actions that violate the NRPP Exam Conduct and Confidentiality Agreement (i.e., failing to maintain the security of exam content), actions that violate the NRPP Code of Ethics/Certification Terms Agreement such as deception or dishonesty about any activity related to NRPP (i.e., falsifying certification documents), violating the terms of a client contract (i.e., accepting payment for services and

not performing those services) and acts of discrimination, assault, battery, harassment or non-consensual physical contact involving a customer, member of a customer's family or NRPP personnel).

A detailed description of the classes of infractions can be found [here](#).

3. Complaints against certification activities are for instances in which individuals believe that NRPP is not in compliance with its own policies or with the requirements of ISO/IEC 17024, policies have been unfairly applied, or certification decisions are unjust or inaccurate. This category includes complaints against NRPP's policies, certification requirements, certification decisions, and complaints about anyone involved in any part of the certification process such as training providers, exam proctors, and NRPP employees and volunteers.

Disputes and grievances are considered informal complaints and are not governed by this policy or processed according to this procedure. NRPP staff are encouraged to resolve disputes and grievances as they occur and are empowered to do so. The complainant is encouraged to file a formal complaint if the issue cannot be resolved to the complainant's satisfaction or when an acceptable resolution cannot be reached by informal means. To be considered a formal complaint, the party must complete and submit a [Complaint Form](#).

The policy for filing a complaint against NRPP or its certification programs and NRPP's procedure for handling these complaints, including timelines, can be [downloaded here](#).

4. Appeals may be filed by examinees, candidates and certified professionals (certificants) against any decision that adversely affects their certification. Decisions that may be appealed include, but are not limited to:

- **Reconsideration of Eligibility Decision.** Candidates whose initial course is rejected or who are denied certification for any reason may file an appeal to request a reconsideration of the denial decision.
- **Reconsideration of Recertification Decision.** Individuals whose recertification requirements are rejected or who are denied recertification for any reason may file an appeal to request a reconsideration of the denial decision.
- **Reconsideration of Disciplinary Decision.** Certificants and examinees may file an appeal if they disagree with discipline administered as a result of a conduct or compliance issue.
- **Reconsideration of Other Adverse Certification Decision.** Examinees, candidates and certificants may file an appeal against any other decision that adversely affects their certification, such as denial of a testing accommodation.

Appellants must submit a completed [Appeal Form](#) within 30 days of the decision they are appealing. Failure to submit an appeal within thirty calendar days shall be deemed a waiver of the individual's right to protest the charges. All appeals are handled by NRPP's Certification Management Committee.

The policy for filing an appeal and NRPP's procedure for handling appeals, including timelines, [can be downloaded here](#).

All compliance policies can be found on the NRPP website. Under the HOME tab select [File a Complaint](#).

(continued on next page)



Investing in Excellence: Strengthening NRPP for the Future

Effective January 1, 2025, the National Radon Proficiency Program (NRPP) is implementing its first fee adjustment since 2020, reflecting the program’s commitment to maintaining high standards and improving services.

- Achieving ANAB Accreditation under ISO 17024, a milestone reached in 2022, requires continuous maintenance of effort, annual assessments and associated fees, and a rigorous process to periodically refresh every certification scheme.
- IEA has focused on having the right team in place for NRPP to fulfill the requirements of its accreditation while providing certified professionals, device manufacturers, labs, and training providers with effective support and oversight to support their success in meeting program standards.
- In the last year, NRPP has made considerable investment in upgrading its exam proctoring platform to deliver a more secure and efficient system, resulting in increased costs.
- NRPP has dedicated additional resources to refining its exams and ensuring their continued excellence.
- IEA has experienced rising operational and personnel costs in the face of 22% inflation over the past five years.

Starting January 1, 2025, NRPP fees for all Exams, Initial Certifications, and Renewals will increase.

This fee adjustment will allow NRPP to sustain and expand its initiatives while continuing to serve radon professionals effectively and ensure that NRPP remains a trusted, globally recognized certification program.

For specific rates, please visit our website [here](#).

NRPP Certification Exams	2025 Fee
Radon Measurement Field Technician Exam (RMFT)	\$125
Radon Measurement Professional Exam (RMP)	\$175
Radon Mitigation Installer Exam (RMI)	\$125
Radon Mitigation Specialist Exam (RMS)	\$175
Soil Gas Mitigation Compliance Inspector Exam (SGM-CI)	\$175
NRPP Initial Certification	
Radon Measurement Field Technician (RMFT)	\$250
Radon Measurement Professional with Standard services (RMP-S)	\$275
Radon Measurement Professional with Analytical services (RMP-A)	\$325
Radon Mitigation Installer Exam (RMI)	\$250
Radon Mitigation Specialist (RMS)	\$275
Soil Gas Mitigation Compliance Inspector (SGM-CI)	\$250
NRPP Certification RENEWAL	
Radon Measurement Field Technician (RMFT)	\$250
Radon Measurement Professional with Standard services (RMP-S)	\$275
Radon Measurement Professional with Analytical services (RMP-A)	\$325
Radon Mitigation Installer Exam (RMI)	\$250
Radon Mitigation Specialist (RMS)	\$275
Soil Gas Mitigation Compliance Inspector (SGM-CI)	\$250

SGM-CI Certification

The National Radon Proficiency Program (NRPP) introduced the Soil Gas Mitigation Compliance Inspector (SGM-CI) certification in October 2021, aimed particularly at home inspectors who want to assist clients in ensuring radon mitigation systems are installed correctly. This certification focuses on verifying that an installed radon mitigation system complies with the ANSI/AARST SGM-SF Soil Gas Mitigation Standards for Existing Homes. This inspection provides a critical checkpoint to ensure an already installed system is effective and safe.

A key feature of this certification is secure and exclusive access to the SGM-CI Inspection App. Within the app, inspectors can upload photos and complete a checklist during the inspection. The app will generate a comprehensive PDF report that can be sent directly to the client and serve as a record of the inspection result. This convenient feature streamlines the process, allowing inspectors to provide immediate feedback to homebuyers, sellers, radon mitigation professionals, or other clients.

NRPP-certified measurement professionals often find themselves conducting radon tests in homes that are being sold. In some cases, sellers seeking to reduce radon levels after an elevated test result hire mitigation contractors who offer the lowest price, often without regard for the effectiveness or safety of the installation. Unfortunately, the resultant system may not adequately reduce radon levels or may even pose other risks. Many homebuyers, preoccupied with the complexities of purchasing a home, may not give the radon system much thought after receiving the post-mitigation test results.

NRPP frequently receives complaints about problems with radon mitigation installations that could have been avoided if a qualified inspector had evaluated the system and generated the app’s detailed report. The SGM-CI credential offers professionals an opportunity to step in and provide this critical service, ensuring that systems are not only effective but also meet the highest safety and compliance standards.

For home inspectors who already perform radon tests as part of their service, adding the SGM-CI certification can enhance service to clients whose radon test reveals elevated levels by returning after a mitigation system is installed, to perform both the post-mitigation clearance test and the inspection to verify compliance with ANSI-AARST standards. This gives the buyer assurance that the system meets the necessary requirements before closing. The SGM-CI inspection can also help identify any deficiencies early, providing the mitigation contractor an opportunity to rectify them before the sale is finalized.

From a broader perspective, the SGM-CI certification can also benefit mitigation contractors who strive to provide quality work. Contractors who take pride in their installations are often frustrated by competitors who cut corners to offer lower prices. An increased likelihood of post-installation inspections motivates all contractors to adhere to best practices, improving the overall quality of mitigation installations in the industry.

To become an SGM-CI, professionals must be certified by NRPP as a Radon Measurement Professional or Mitigation Specialist. They are also required to complete an 8-hour SGM-CI Exam Prep Course approved by NRPP and pass a 125-question certification exam. Once certified, inspectors must adhere to the NRPP Code of Ethics and Certification Terms and complete four hours of continuing education every two years.

SGM-CI inspectors play a variety of roles, from ensuring that systems installed during real estate transactions meet minimum standards, to helping resolve citizen complaints submitted to NRPP, to assisting state radon programs with compliance enforcement. Certified SGM-CIs may also be contracted by AARST/IEA to perform compliance inspections for state radon programs.

This certification represents a significant opportunity for home inspectors and radon measurement professionals to expand their services and enhance public safety by ensuring that radon mitigation systems are installed properly and in compliance with the ANSI-AARST mitigation standard. The SGM-CI certification not only benefits the inspectors and their clients but also contributes to the broader goal of reducing radon exposure and preventing lung cancer.

• PROFICIENCY

Certification Council Update

NRPP is pleased to announce that the following individuals have been selected to serve a second term on the NRPP Certification Council: Mark Ungerer in the Certified States seat and Chris Lutes in the Vapor Intrusion seat. Owen Reese was selected to serve his first term in the Radon Equipment Manufacturer seat. Council members may serve two consecutive two-year terms in a given seat and, at the end of their second term, may apply to fill a different open seat if qualified for it.

Application materials are reviewed by the Certification Management Committee, which serves as the Nominating Committee of the Certification Council. The roster of individuals selected by the Certification Management Committee to fill the open seats is presented to IEA's Executive Committee for approval.

The Consumer Interest seat on the Certification Council is still vacant. Qualifications for the Consumer Interest seat include a high school diploma or GED and two years as an active member or employee of a consumer advocacy organization.

Anyone interested in providing governance and oversight of NRPP's certification programs and meet the qualifications for either open seat may apply by completing [this](#) form and attaching their resume or a short bio.

JTA Survey

NRPP is developing a new certification program for individuals who mitigate radon in large, commercial buildings. If you perform this work, have ever performed this work, or supervise people performing this work we would like to hear from you.

The survey asks about the work you do when mitigating radon in large, commercial buildings and asks that you rate a number of job tasks. It also asks for your input on certification prerequisites and recertification activities. NRPP will use the results of the survey to create the new certification program. This is an opportunity for you to define the role of the commercial radon mitigation specialist and establish certification requirements for the profession.

[Here is the link](#) to the Commercial Radon Mitigation Specialist JTA Survey. It takes 15 minutes to complete and if you are NRPP certified, **you can claim 1 CE** toward any certification for completing the survey.

NRPP is also revalidating the Radon Measurement Professional (RMP) certification program and the Radon Mitigation Specialist certification program. We do this every 5 years to ensure that the RMP and RMS certification requirements and examination content accurately assess job-related knowledge and skills that certified professionals need to measure or mitigate radon effectively.

If your work involves measuring radon in single-family residences, or supervising others measuring radon in single-family residences, please complete the survey and tell us about your job. The survey also asks for your input on certification prerequisites and recertification activities. The results of the survey will be used to modify current certification requirements, if necessary.

[Here is the link](#) to the Single-Family Residential Radon Measurement Professional JTA Survey: It takes 20 minutes to complete and if you are NRPP certified, **you can claim 1 CE** toward any certification for completing the survey.

If your work involves mitigating radon in single-family residences, or supervising others mitigating radon in single-family residences, please complete the survey and tell us about your job. The survey also asks for your input on certification prerequisites and recertification activities. The results of the survey will be used to modify current certification requirements, if necessary.

[Here is the link](#) to the Single-Family Residential Radon Mitigation Specialist JTA Survey: It takes 20 minutes to complete and if you are NRPP certified, **you can claim 1 CE** toward any certification for completing the survey.



Great things come in pairs!

Millions of homeowners use Angi to
manage their homes. Get your
business in front of them today.

Message us at
iealeads@angi.com
to learn more.

A Mitigation Case Study and Reason To Obtain SGM-Cl

Greg Johns, WIN Home Inspection Cookeville

Coming across poorly designed and/or executed soil gas mitigation systems is seemingly easy, especially in one of the 30 U.S. states that does not have or enforce any variant of radon licensing or certification. Things can get wild. The question, for many of us in the industry and field, is what to do about it if you work in one of these (and even in the 20 states where some variant of licensing/certification is in effect). How do we ensure quality and effectiveness in a manner that shows industry knowledge and authority?

The Soil Gas Mitigation – Compliance Inspector (SGM-Cl) certification is a reasonable place to begin. This certification, offered through the National Radon Proficiency Program (NRPP), can help professionals bridge that gap. Whether you are a certified radon testing/analyst entity, or a certified mitigator, the SGM-Cl credential can help you wear a secondary hat for critiquing systems, citing inconsistencies, and sharing with appropriate parties.

Case Study: House Built over a Cave

One home in the middle Tennessee market, built in the 1970s, over a cave system provides a good example of a mitigation system that needs further attention. True story – the then-owners explored the cave via entry from within their crawlspace (it is a very tall crawlspace along the rear half of the house). Cave systems are common in this region of Tennessee.

This home had, at some point, been mitigated for radon via a sub-membrane depressurization assembly. There was a ground loop under the vapor retarder that encircled most of the crawlspace perimeter. Each end of this sub-membrane loop tied into its own exhaust fan. Both exhaust fans were located inside the crawlspace. This assembly then terminated at the exterior at chest height.

At the time of the inspection, one exhaust fan was non-functional while the other one was spewing all its contents directly into the inspector’s lungs.



Section 2.2 of the Soil Gas Mitigation – Single Family (SGM-SF) says that any mitigation standard does not apply to pre-existing systems prior to said standard’s effective date...except those portions altered, or those found to not be in compliance with Section 6.4 (ASD Exhaust Discharge). Obviously, the discharge location was an issue for this particular system. But, keep in mind this ambiguous point related to systems “aged.” We might not be able to say they are *deficient*, but we could say they *exhibit deficiencies based on current industry standards*.

For the system in question, per time of review, there was no labeling. No signage. No system operation monitor. No OM&M. No identifiers for installation date or installer. No other feature required by the current standard.

Additionally, the fans were installed below habitable space, with questionable materials and orientation(s), and the exhaust terminated in a very hazardous location.

Let’s make a quick, over-arching tally of applicable standards ignored, deficient, or otherwise improper:

Section 6.0 of the ANSI/AARST standards address several deficiencies of our system in question, inclusive of 6.1.3.1 (sealing of the suction point in relation to membranes), 6.1.3.2 (sealing of the retarding membrane), 6.1.3.3 (labeling of the membrane and access port), 6.1.4-.1(non-habitable space and sealing of the membrane), 6.2.2 (duct pipe slope – this one had several low spots for water accumulation), 6.2.3 (positively pressurized piping – this one had portions under the habitable space), 6.2.4 (labeling required – none here), 6.2.6 (Flexible couplings – tape was in use for this assembly), *almost ALL of 6.4* (ASD Exhaust Discharge), 6.5.2 (location of the exhaust fans below habitable space), 6.5.4 (fan installation guidelines), 7.7.1 (seam sealing of the vapor retarder), 7.7.3-.4 (fastening of vapor retarders around perimeter to hold in place and sealing), the majority of Section 8.0 (OM&M, electrical, and labeling related items – non-existent for our system in question). There may have been a few more.

Accepting that this mitigation system in question was pre-existing to the newest iteration of our approved standards, there is one last section worth noting – Section 8.5, Inspection for Compliance. The very first line of this section reads, “Prior to delivery and release of the completed system(s), a *qualified radon mitigation professional* or *qualified soil gas mitigation professional*, as applicable, shall have verified...” appropriate compliance to industry standards, as well as any local/state standards appropriately applicable. Section 8.5.1 elaborates that “such inspection for compliance shall be limited to visual inspection and photographic evidence of *readily accessible* components that do not require disassembly of components or finishings to achieve access.” It reads that the contractor performing said work cannot assess conformance of said work.

This system is not an anomaly. In Tennessee, noncompliant systems have been historically acceptable. Unlicensed entities can perform any work on a home as long as the total project cost is under \$25,000. There is no review or code enforcement for lower-priced work. There is no requirement for mitigation standards to control radon in new or existing buildings.

A Viable Option: Obtain the SGM-Cl Credential and Access to the App

For those who run a radon testing business, the SGM-Cl certification can help.

With this credential, you can show you are exactly the entity to assess and critique. You also can show involved parties deficiencies via the IEA/AARST SGM-Cl mitigation inspection report. It’s an app. All those sections and standards we referenced a few paragraphs back? They all are included in the app. You fill in the fields (ideally while on site), upload related photos, and that’s it.

The app walks you through the process to inspect and document/catalogue deficiencies without having to recall every detail in every section of the standard.

The app requires you to select “correct,” non-compliant,” or “N/A” (in some instances) for each item. If you choose non-compliant,” the app requires a photo to document the deficiency, as well as the option to add some text. When you get through all app categories and fields, you have verified the conditions and deficiencies according to the ANSI-AARST SGM industry standards. Report done.

But only those who take and pass (and maintain) their SGM-Cl certification can have access to the app. The SGM-Cl certification does require study and testing, but there’s a reason not everyone has the certification. You must know your stuff. You also must have a certification for testing/analysis, or mitigation.

Once anyone achieves the SGM-Cl certification, having access to the app and its step-by-step guidance for report documentation is extremely helpful...and, let’s be honest, easy. The goal is to cite and document accordingly so that consumers are protected by that for which they pay (a mitigation system), and contractors are protected by being critiqued and given opportunities to improve. A mitigation contractor could offer a higher level of service to clients as part of their QA/QC to bring in a third-party SGM-Cl to review and assess prior to commissioning the system.

Involved parties will come to understand the role of the certified SGM-Cl reviewing mitigation system with the knowledge to competently do so. Consumers are better protected, contractors are better presented, and business relationships can be established based on trust and knowledge. Generating a report via an app is just a nice bow to make it professionally pretty!

Preview: SG-OMM Long-Term Stewardship of Radon and Soil Gas Hazards Standard

Dawn Oggier, RadonAway

IEA is thrilled to announce plans for the forthcoming release of SG-OMM Long-Term Stewardship of Radon and Soil Gas Hazards, a comprehensive guide created by industry leaders to address critical aspects of radon and soil gas management. This document not only reflects years of expertise but also serves as a platform for advancing the industry through enhanced protocols and practices.

Here's a breakdown of why it's important, what this document covers, and how it will shape the future of soil gas system management.

Why This Document is Needed

Radon and chemical soil gas pose long-term health risks if not managed effectively. The concept of Operation, Maintenance, and Monitoring (OM&M) emerged in the EPA's 1994 Radon Mitigation Standards, which recommended biennial retesting post-mitigation. However, despite ongoing guidance, in practice OM&M has often lacked formal oversight, leading to inconsistencies in application that can reduce system sustainability and result in mitigation system failure.

Long-Term Stewardship of Radon and Soil Gas Hazards has been conceptualized to formalize OM&M as a routine practice and vital public policy, ensuring safer, more consistent practices for property owners, managers, and mitigation professionals alike.

Key Topics in the Document

- 1. Measurement and Mitigation Guidelines**
Detailed protocols for assessing radon and soil gas hazards, including when and how to conduct post-mitigation performance tests at minimally necessary intervals.
- 2. Building Characterization and Monitoring**
Processes for evaluating soil gas systems and monitoring ongoing risks, ensuring systems remain effective over time.
- 3. Decommissioning Guidelines**
Steps for safely deactivating systems once hazardous soil gas is mitigated or naturally attenuated.
- 4. Annexes with Actionable Steps**
Supplemental guides provide detailed, step-by-step instructions for practical implementation, ensuring users can adapt the normative annexes to their specific needs.

Understanding Long-Term Stewardship

Long-term stewardship is the active process of managing soil gas mitigation systems to ensure sustained performance. Key components include:

- Ongoing Maintenance: Regular inspections and repairs to prevent system failure.
- Monitoring and Evaluation: Continuous data collection to identify performance gaps or improvement opportunities.
- Compliance and Documentation: Adherence to industry standards and regulations, with thorough record-keeping of all activities.
- Risk Management: Proactive identification of potential issues to prevent safety hazards.
- Sustainability: Operating systems efficiently to minimize costs and environmental impact.

Historical Context and Development

The journey to formalize OM&M began in 2011, addressing gaps observed in HUD and radon mitigation projects. In 2013, the "Long-Term Risk Management Plan" appeared in standards for multifamily buildings, marking a pivotal step in recognizing stewardship needs. Over time, the term OM&M has become synonymous with systematic oversight, emphasizing its importance across property types.

Despite these advancements, OM&M compliance remains scattershot and optional. By establishing a robust legal and professional framework, this document sets the stage for future regulations as well as continued voluntary adherence, ensuring consistent application across the industry.

What's New in the SG-OMM Document

This document introduces detailed protocols and specific testing processes and schedules. For instance:

- Performance/Differential Testing: Requirement of differential pressure measurement to verify maintained depressurization and adheres to specific conditions outlined in Normative Annex B.
- Periodic Retesting: Required every five years, or sooner following building modifications or environmental changes.
- Mitigation System Effectiveness: Ongoing

performance checks are mandatory, using data-driven benchmarks to guide decisions.

- Jobsite Logs: Required retention of records in OM&M Manual, documenting building characteristics, mechanicals, seasonal and environmental conditions across all events.
- Written OM&M Manuals: Detailed instructions of essential content, system description and components, stewardship instructions, historical information and maintenance inspection checklists.

Impact on the Industry

- The new OM&M standards will serve as a key reference, benefiting:
- Property Owners: Clearer guidance ensures safer indoor environments.
- Professionals: Expanded opportunities as compliance increases demand for skilled testing and mitigation.
- Public Policy: A framework for standardizing radon and soil gas management practices across various property types.

Looking Ahead

This document is not just about compliance; it's about fostering a culture of safety, efficiency, and accountability. By adopting these guidelines, we collectively raise the bar for radon and soil gas management, ensuring healthier living environments for all.

Accessible 24/7, 365! **At Your Own Pace** **New Courses Added Regularly**

Over 50,000 Courses Taken!

CERTI Leading Provider of Online Education for **Indoor Air Quality Professionals**

Industry-Driven Education
Multiple Learning Styles Employed
Bulk Enrollment Option
Student Monitoring Available

NRPP/NRSB Approved Courses
Real Life Examples & Studies
Over 45 Continuing Education Courses
Current Standards & Codes Recognized
Lifetime Access to Course Material

Call or Sign Up Online Today!

800-513-8332 WWW.CERTI.US



Certification Spotlight: Stephen Paternostro

Location:

New Orleans, Louisiana

Title, Company:

Environmental Health and Safety Division Manager at Leaaf Environmental LLC

What certification do you have?

Radon Measurement Professional

How long have you been working in radon?

6 years

Describe your professional experience and how you got into radon mitigation/measurement?

As a Certified Industrial Hygienist, I have been challenged with qualifying and quantifying occupational exposures to various chemical, biological, and physical hazards in the workplace. Naturally, this experience lead me to assist clients in determining the extent of possible radon exposure within office spaces and residential properties. Most of our local projects are associated with real estate transaction and federal requirements.

Describe what a typical workday looks like.

As an environmental, health, and safety consultant, a typical workday includes assisting clients manage environmental and occupational health and safety concerns – and, determine how to reduce the risk associated with the presence of potential hazards.

What do you like about working in the radon profession?

My favorite part about working in the radon profession is the opportunities to perform what sometimes feels like detective work: determining the extent of potential hazards, developing a plan to discover the extent of risk associated with the hazard, quantifying the risk, and assisting my clients in reducing the extent of this risk.

Any challenges so far? If so, explain.

In New Orleans, it is extremely unlikely that adverse radon concentrations will be present – so, most of the challenges in my current position are associated with making recommendations to circumvent the

requirement for quantifying radon in non-federal funded real estate transactions.

When did you first get certified?

2022

Why did you get certified?

Previous clients requested that we provide radon measurement services associated with an existing residential housing project.

Why NRPP?

I rolled the dice, honestly – but, I have been very happy so far.

What benefit(s) did certification bring?

Honestly, the education leading into certification was extremely beneficial to my long-term career goals and ability to confidently perform radon measurement services for current and future clients.

Any advice for people who are considering a career in radon?

I have found the consulting side of being a radon measurement professional extremely rewarding from both a personal and career-minded sense.

Any advice for people who are considering certification?

Certification required more effort than I anticipated when signing up – however, it has been well worth it!

Radon Stakeholders Attend Biden Cancer Moonshot Roundtable at White House

The White House Office of Science and Technology Policy convened “Operationalizing Radon Data for Lung Cancer Prevention” November 20 to improve the collection and dissemination of radon data through the CDC’s Environmental Public Health Tracking (EPHT) Network, as well as to support alignment on approaches to secure and share privacy-preserving, higher-resolution radon data, and actionable radon data strategies to enhance lung cancer prevention and early detection.

This impactful discussion, led by Erica Kimmerling, Chris Hoover, Kathryn Kundrod, and Josh Glasser with the White House Office of Science and Technology Policy on behalf of the Biden Cancer Moonshot team, laid a strong foundation for continued dialogue regarding US radon data.

After the roundtable was kicked off with introductions, presentations provided an overview of the EPHT radon data collection system, other means of viewing radon risk and cancer screening needs. Participants then discussed barriers to an effective national radon test dataset through EPHT, gaps in the array of data contributions and capacities to contribute, and ideas for an improved approach. Among the actionable needs surfaced were:

- a more complete, optimal, standardized radon data collection/submission format for all users (radon professionals, labs, device manufacturers for adoption by proficiency programs and/or in measurement-related standards)
- submission of data from analytic devices (electret and CRM)
- universal access to more usable data output, incentivizing submissions and reducing redundant report customizations
- radon measurement professionals to submit data directly to CDC
- data at higher resolution within address suppression requirement constraints
- means of consistent geocoding of locations and applying those points to zip codes, census tracts, and census blocks
- continuing to improve data cleaning and multifamily reporting
- routine lung cancer screening to include some level of radon exposure

Beginning in January, IEA will convene quarterly Radon Test Data Collaborative meetings to support participants in advancing plans around the shared goals, perhaps through task groups, and enable strategic action by stakeholder organizations and agencies.



IEA Board President Dave Hill (Spruce Environmental), Immediate Past President Kyle Hoylman (Protect Environmental), National Directors Zan Jones (Radonova) and Kevin Stewart (American Lung Association), members Josh Kerber (Conference of Radiation Control Program Directors’ E-25 committee) and Kirsten Schmidt (Radon Detection Specialists), Executive Director Diane Swecker, and National Policy Director Jane Malone were all joined in attendance by representatives of the US Environmental Protection Agency (EPA) Indoor Environments Division, US Centers for Disease Control and Prevention (CDC) National Center for Environmental Health, National Cancer Institute (NCI)’s Tobacco Control Research and Surveillance Informatics Branches, U.S. Department of Energy (DOE) Oak Ridge National Laboratory, U.S. Department of Veterans Affairs, Radiation Safety Services, Inc., and Emory University.

Save the Date: October 26–29, 2025

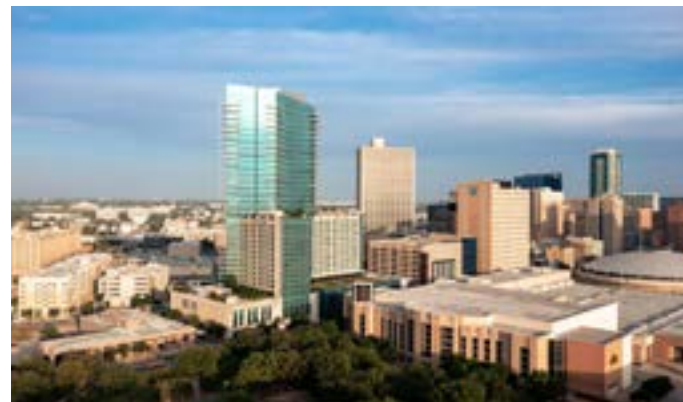
Indoor Environments 2025 Radon and Vapor Intrusion Symposium, Fort Worth, Texas

Mark your calendars for the **Indoor Environments 2025 Radon and Vapor Intrusion Symposium**, taking place **October 26–29, 2025**, at the elegant [Omni Hotel](#) in **Fort Worth, Texas**. As the premier event for professionals dedicated to improving indoor environments, this annual symposium promises to bring together industry leaders, researchers, and practitioners from across the globe to share knowledge, explore innovative solutions, and drive progress in radon and vapor intrusion management.

Building on the success of the 2024 symposium in Orlando, which featured over 80 speakers, 50 exhibits, and robust programming across seven tracks and nine short courses, the 2025 event is set to raise the bar even higher. Attendees can look forward to engaging sessions led by distinguished experts, hands-on workshops, and unparalleled networking opportunities with peers, government agencies, environmental companies, and advocacy groups. Whether you are a seasoned technician, a state or tribal program leader, an environmental professional seeking cutting-edge insights, or just joining the industry now, this symposium is your gateway to the latest developments in indoor environments.

Located in the heart of downtown, the Omni Hotel offers easy access to the best of Fort Worth, a city known for its vibrant mix of culture, history, and entertainment. Explore the famous Stockyards National Historic District, enjoy world-class museums, or unwind with local flavors at nearby restaurants and venues. Don't miss your chance to be part of this transformative event and enjoy the charm of Fort Worth while you're here. We look forward to seeing you there in October 2025!

Any questions, email: symposium@aarst.org.



AIRTHINGS

FOR PROFESSIONALS

CORENTIUM PRO

Continuous radon monitor



Priced at **\$799**

WEEKLY 10x device bundle rental as low as \$399/week

MONTHLY single device rental for only \$89/month



Take advantage of the weekly Rental options. Enjoy the affordable solution for as little as \$399 per week of 10 Corentium Pros. *

*Available in the US only.



Industry Survey

IEA's annual industry survey, conducted in August 2024, drew submissions from 180 respondents who work in businesses that employ more than 800 persons who conduct measurement, mitigation, or both measurement and mitigation. Nearly half of these businesses provide both types of services, while 15% perform only mitigation and 38% perform only measurement. For soil gas specialty, 61% reported that they work exclusively on radon and 30% perform radon and some vapor intrusion work.

Other Services (FIG 1)

Beyond soil gas activities, the other services offered by these businesses cover a broad range, with 27% providing home inspections:

Demand (FIG 2)

With respect to change from prior years in the demand for services, while 40% reported increases over last year and 55% reported increases over 5 years ago, nearly one in three have experienced less demand than last year and 5 years ago.

Reason for Radon Testing (FIG 3)

Measurement professionals were asked, "Why are your clients seeking radon testing?" The client reported as most typical was a homebuyer considering a purchase, while general interest prompted some testing. Around one-half of the respondents had few or no customers testing to verify a mitigation system or preparing to sell.

Typical Charge: Radon Measurement (FIG 4)

The price per unit for multifamily measurement services, on average in the \$101-125 range, is lower than for single family, \$151-200, while 1 in 6 charge more than \$200 per unit for either type of building.

Typical Charge: Radon Mitigation (FIG 5)

The average prices per unit for mitigation services for both single family and multifamily are in the \$2001-2500 range.

Post-Mitigation Testing (FIG 6)

44% of respondents reported that the post-mitigation testing is performed by a mitigator who is also a measurement professional, 17% reported that an independent measurement professional performs it, and 29% leave the responsibility with the homeowner.

Continuing Education Sources (FIG 7)

Private providers' courses are the most frequent sources of CE for nearly two-thirds, while the symposium and state radon programs are usual or often sources for 32% and 23% respectively. Half reported that they do not obtain CE from chapter events or from regional meetings.

IEA thanks the 180 survey participants for their responses and also for the suggestions regarding CE, programs, membership benefits, and certification.

FIGURE 1

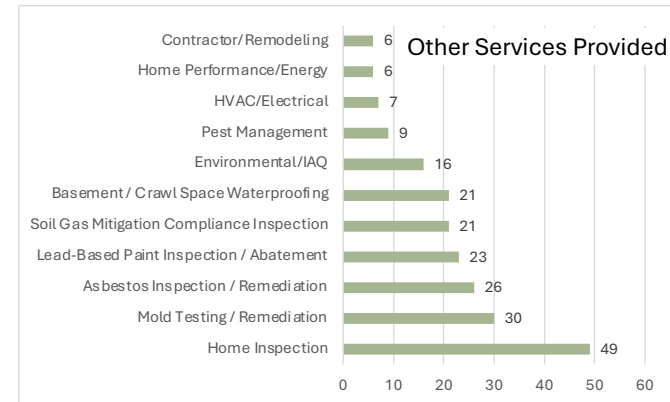


FIGURE 2

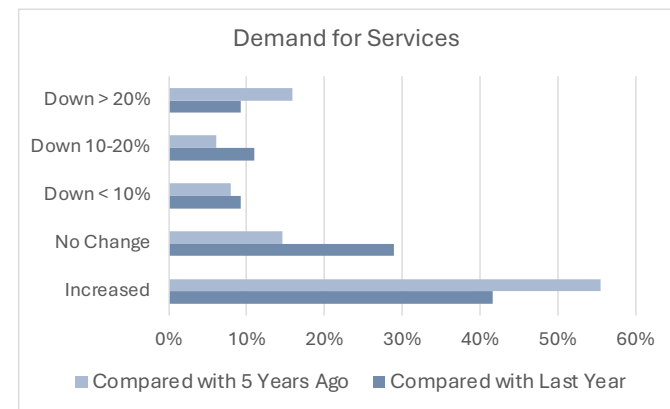


FIGURE 3

REASON	FEW / NONE	SOME	ALL / MOST
Test a radon mitigation system	50%	40%	10%
Homeowner: planning to sell/list	46%	38%	16%
Buyer: under contract/considering	14%	28%	59%
Homeowner or tenant: general interest	32%	52%	16%

FIGURE 4

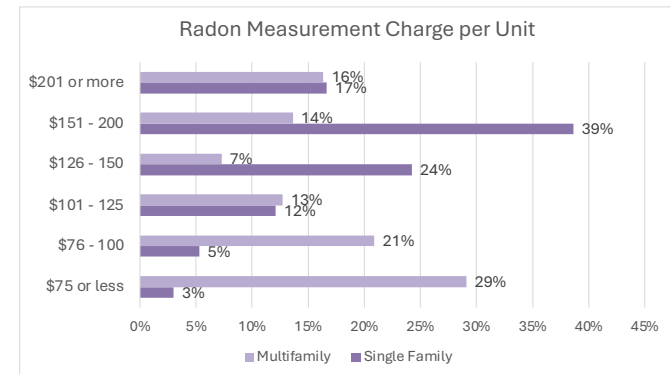


FIGURE 5

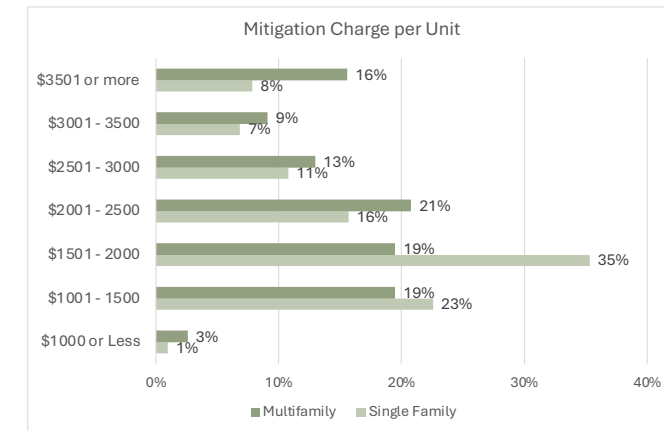


FIGURE 6

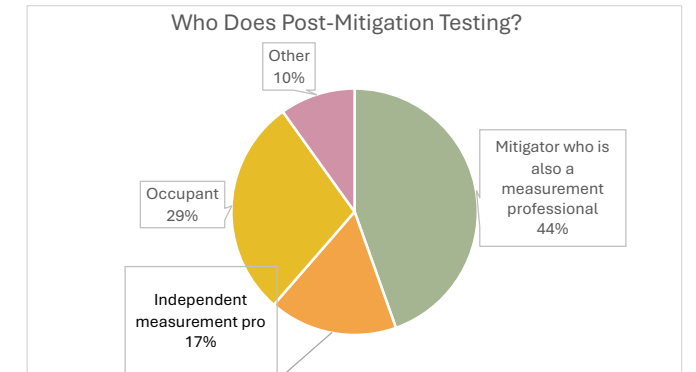


FIGURE 8

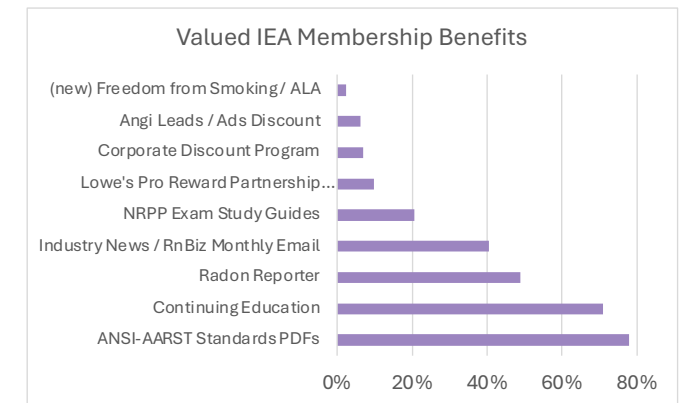
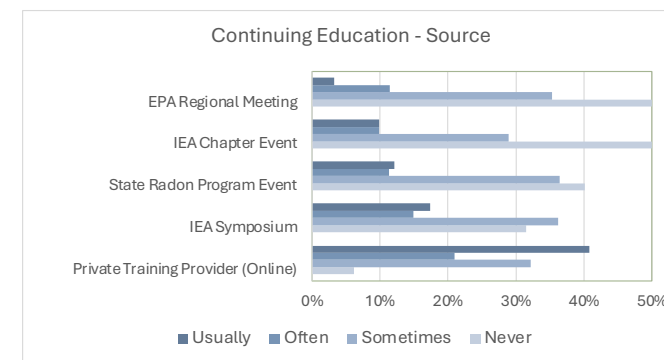


FIGURE 7



Association Membership Benefits (FIG 8)

Access to the ANSI-AARST standards in both pdf and searchable flipbook form is valued by more than 75% of the IEA members responding, with CE valued by nearly as many, and 49% valuing the Radon Reporter magazine and 40% IEA's monthly email news publication.

Health Insurance (FIG 9)

Employer-provided insurance covers 31% of the respondents, while 24% pay for their own coverage, 19% are on a family member's health insurance plan, 19% are covered by Medicare, and 7% reported having no insurance coverage. Overall, 54% replied "yes" or "maybe" when asked if they would be interested in an association group health insurance program.

Association Programs Contributing to Business Success (FIG 10)

NRPP is considered important to 60%, with policy, standards, and the symposium important to 1 in 3, and one-fourth citing chapter activities.

FIGURE 9

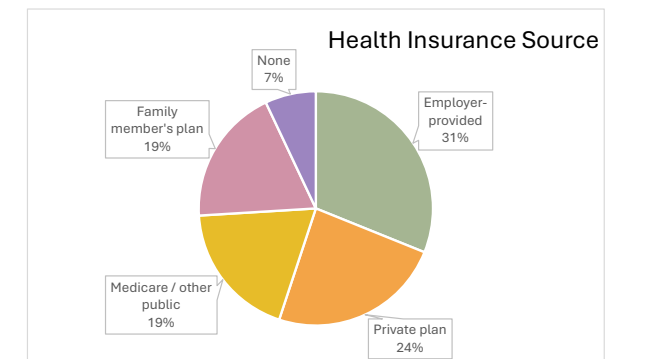
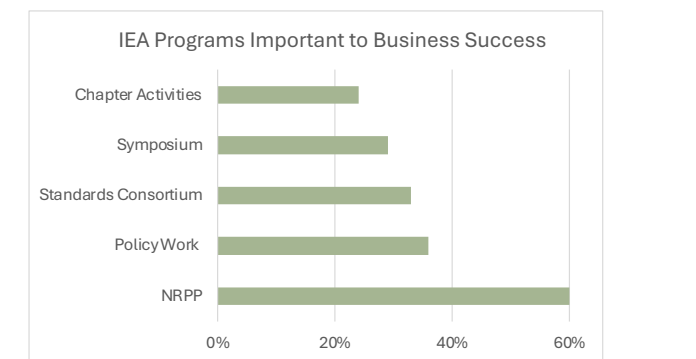


FIGURE 10



IEA / AARST 2024 Awards

Elizabeth Hoffman Award: Kerri Robbins

Kerri Robins is someone whose strength, courage, and unwavering commitment to public health have made a profound impact on radon awareness. Diagnosed with stage four non-smoking lung cancer in 2022, Kerri Robins could have turned inward, but instead, she used her journey to educate and save lives. Through her statewide radon awareness campaign in Utah, Kerri has inspired action across the state and beyond. Her advocacy led to the passage of two critical bills—Senate Bill 201 and House Bill 104—to empower homeowners and raise radon awareness. Her work, despite her own health battle, stands as a testament to the power of determination. For her tireless efforts and incredible results, the 2024 Elizabeth Hoffman Award was awarded to Kerri Robins.

Radon Community Impact Award – Public Service Ally: Johna Boulafentis

Johna Boulafentis was presented with the 2024 Radon Community Impact Award. As an Environmental Specialist with the Nez Perce Tribe, Johna has been a passionate advocate for radon awareness and public health. Her work has reached thousands, particularly in underserved communities, and includes launching innovative outreach programs like the Northwest Radon Awareness Coloring Contest and vital radon testing in tribal housing. Through every initiative, Johna has shown a steadfast dedication to improving indoor environments and protecting the health of her community. For these reasons and more, IEA honored Johna with this well-deserved award.

Radon Community Impact Award: Josh Kerber

Josh Kerber has positioned Minnesota as a national and international leader in radon protection and regulation. Under his leadership, the state has implemented groundbreaking laws, including radon disclosure requirements during real estate transactions and licensing for radon professionals, setting the standard for other states. He has also provided guidance to states developing their own radon certification programs and is recognized nationwide for his expertise in radon testing and mitigation. Since 2013, Josh has chaired the CRCPD E-25 Committee on Radon, dedicating countless volunteer hours to radon risk reduction and technical advancement. He serves on the National Radon Action Plan leadership council, offers training and education, and helps develop the state and tribal track for the annual IEA symposium. Josh has also represented

CRCPD in international radon efforts with the IEA. His leadership has greatly impacted radon awareness and regulation, making him a deserving recipient of this Radon Community Impact award.

Radon Community Impact Award – Journalist: Gabby Easterwood

As a journalist, Gabby Easterwood has used her platform to shed light on one of the most pressing yet underreported public health risks—radon. Through her thoughtful and impactful coverage in Denver, Gabby has inspired hundreds of residents to test their homes and take steps to protect their families. Her dedication to this cause demonstrates the immense power of media in raising public consciousness. For her outstanding contributions to radon awareness through journalism, IEA presented Gabby Easterwood with the 2024 Radon Community Impact Award in the Journalist Ally category.

Chapter Leadership Award: Dawn & Bob Coffee

Dawn and Bob Coffee were the recipients of the IEA Chapter Leadership Award for their pivotal roles in establishing and leading the Indiana Chapter of the Indoor Environments Association. As Chapter President, Dawn spearheaded the chapter's formation in April 2023 and successfully organized its first one-day event in December, setting a strong foundation for future growth. As Chair of the Government Affairs Committee, Bob Coffee has been instrumental in coordinating committee discernment of which policy initiative should be pursued, planning its approach to notification and disclosure legislation, and leading the advocacy work. Together, Dawn and Bob exemplify leadership by actively supporting members, fostering collaboration, and advancing impactful policies. Their dedication and vision continue to inspire and strengthen the Indiana Chapter and the broader IEA community.

Governance Award : Dave Hill

For over 25 years, Dave Hill has been a pillar of leadership within IEA/AARST. His outstanding service, insight, and guidance have shaped the governance of our organization and helped further its mission of radon risk reduction. Dave's contributions have made a lasting impact on the radon community and the lives we protect. With great admiration and gratitude Dave was presented the 2024 Governance Award for his remarkable leadership.

PRESIDENT'S AWARDS

Rick Saulen

Rick Saulen was presented with the IEA President's Award in recognition of his 35 years of unwavering dedication to the radon industry. Known as "Radon Rick," he has become a trusted resource for radon contractors nationwide, always ready to answer the call and offer expert guidance. Whether addressing simple

code compliance issues or tackling complex cases involving homes and commercial buildings, Rick's ability to troubleshoot and guide others through challenges is legendary. His commitment to educating and mentoring professionals has elevated countless individuals in the radon industry, helping them enhance their skills and succeed. Rick's impact is profound, and his contributions continue to shape the field every day.

Bruce Henschel

Bruce Henschel exceptional work at the U.S. EPA's Air and Energy Engineering Research Laboratory has had a lasting impact on the radon mitigation industry. His most notable contribution, Radon Reduction Techniques for Existing Detached Houses: Technical Guidance (Third Edition), published in 1993, has been a cornerstone for radon mitigation practices over the past 30 years. Bruce's research set the foundation for the use of active soil depressurization systems and has helped safeguard countless homes. Beyond his technical expertise, Bruce's collaborative approach with radon professionals and government officials has elevated standards across the industry. His work not only reflected the best research but also incorporated real-world experiences from mitigators in the field. Bruce's humility and leadership have made him a thought leader in radon risk reduction, and we are truly grateful for his contributions. Today President's Award celebrated and honored Bruce's profound influence on the radon industry and his unwavering commitment to public health.

Paige Hinkle

<https://www.lung.org/blog/radon-teen-advocate>

The IEA President's Award was presented to Paige Hinkle, whose dedication and advocacy in the fight against radon have been truly inspiring. Paige's journey began as a teenager when she first learned about the dangers of radon and quickly became a passionate advocate for raising awareness. Her efforts have been pivotal in educating communities about radon exposure and promoting effective mitigation strategies. Through countless presentations and outreach activities, Paige has empowered individuals to take action in their own homes. Her commitment extends beyond local efforts; she has also collaborated with national organizations to amplify her message. Paige's remarkable contributions have made a significant impact in advancing radon awareness and protecting public health, making her a deserving recipient of this prestigious award.

Chad Robinson

Chad Robinson was recognized for outstanding leadership in radon instruction and education. As a great teacher, he is humble, listens well and has high integrity. Throughout his work, he has had a significant impact on the community - not for personal gain or attention but simply to make things better. His passion for the environment and many years of construction design led him to focus his expertise on radon mitigation and

energy efficiency. Chad has also provided leadership on the IEA Board, in the Heartland Chapter, on standards committees, and within NRPP. He has also been active in the community as the President of the local and state Homebuilders Association.

IEA Recognition: Nicole Chazaud

The outstanding contributions made by Nicole Chazaud during her 16-year tenure with AARST/IEA were recognized as she attended her final Symposium. Since joining the organization in January 2009, she has been an invaluable asset, wearing multiple hats and excelling in every role she undertook. In her roles as Communications Director, Symposium Manager, Event Planner, and Marketing Communications & Membership Coordinator, Nicole played a crucial role in shaping the organization's communications strategy, managing membership growth, and ensuring the success of the annual Symposium. Her expertise in graphic design, web development, and event management significantly enhanced our association's visibility and impact within the industry. Her commitment to excellence and her passion for the organization will be deeply missed.

CRCPD Award

Kim Steves

Kim Steves was recognized for 30+ years dedication to reducing radon exposure through her work at the Kansas Department of Health and Environment, leadership roles in the agency, and leadership on the CRCPD board as well as national radon committees, including E25. Kim's leadership was instrumental in getting legislation passed re: radon in KS to improve radon education and outreach and to ensure a regulatory environment over radon contractors to protect the residents of Kansas. Kim consistently assists state radon programs by sharing her knowledge and experience. Kim has participated in the National Radon Action Plan, has represented state radon programs on code development and is always willing to step up and help out when needed. Her consistent actions of working with industry to lower radon risks is a model for others to follow. She aided in protocol development and worked with KSU to develop and provide some of the best radon training in the world. Her message for radon risk exposure is and has been consistent for years: "As public health workers, we cannot get any risk reduction without the aid of the industry. Public health can preach testing homes, but without the industry practitioners installing mitigation systems or building new residences radon-resistant, there will be no risk reduction. She works with the radon industry to ensure consistent messaging between industry and radon programs.



Winner Announced for Music Video Contest 2024

Grand Prize:
Michigan EGLE, “Please, Please, Please Test Your Home for Radon”

Honorable Mentions:
CERTI- “Remember Radon this Way”
Radonova- “Radon Shuffle”
YES Labs- “Freedom From Radon”

[Click to See All Videos](#)



IEA held its first Music Video Contest in July-August. The contest was to create a short music video using an existing song, changing the original lyrics to words that **promote radon awareness and/or testing.**

Look for more information on the 2025 Music Video Contest in RnBiz and IEA Social Media!



Merritt Gantt

State/Chapter:
South Carolina

Business Name:
True Air Technologies

IEA: How long have you been working in radon?

Answer: I have been working in radon for five years.

IEA: Describe your professional experience and what attracted you to radon (Your Ah Ha moment):

Answer: My family (mom and dad) owned a foundation repair/construction company for thirty plus years. I grew up around the construction/trades industries. Because we live in South Carolina, we did not know much about radon. To our knowledge radon “didn’t exist here” and if it did...what the heck is radon? My mom is a nurse by trade. On a whim, one of her friends asked her if she knew what radon was and if she had tested her home. She replied that she had heard the word before but didn’t know much about it. Shortly after, my mom tested her home and the average concentration was 28.0 pCi/L. At the time we didn’t know if this was good or bad. But the more we read about radon, the more we began to realize the dangers of living in a home with elevated levels. My dad and I fixed their home and shortly after we opened True Air Technologies. Some of our goals are to help educate our customers and to install premium radon mitigation systems that lower radon and keep people safe.

IEA: What does your typical workday look like?

Answer: A typical day for me ranges so vastly. I am either meeting with a customer and evaluating their home, building, multi-family, etc., or I am on site installing a radon mitigation system.

IEA: What do you like about working in the radon profession?

Answer: The thing that I love the most about working in the radon industry is solving problems and helping keep people safe. I enjoy the challenge of diagnosing a home and designing the radon mitigation system. There is also a high sense of satisfaction seeing that the radon levels dropped after we installed the system. We typically set out radon detectors during our installations so we can track and observe how the radon levels are being affected. Also, a lot of our customers have in-home monitoring devices so we can see a before and after in their radon levels. I love hearing from customers that their radon levels are low, and that we exceeded their expectations. For me, that is very gratifying.

IEA: What benefits does membership to Indoor Environments bring you?

Answer: The biggest benefit to membership has been the comradery that I have gained by being involved with Indoor Environments Association. Because I am a member, I attend events like the annual symposium. I am also involved with several committees that help to shape our industry. Through this involvement, I have been able to meet other industry experts. Through these relationships I have learned so much and have grown in so many ways. This has not only been a benefit to me professionally, but it has also been a joy to meet and get to know so many others in my industry. Every year when I go to the symposium, I feel like I am going to a giant family reunion. I get to catch up with friends and colleagues, swap stories, and sharpen each other as it pertains to our trade. If I was not a member, I don’t think that I would be as involved as I am. There would be no buy-in for me and I would miss out on so much.

IEA: Do you have any advice for people who are considering becoming a member?

Answer: I think that there are many other benefits to IEA membership as well. The first is credibility. Being a member of a credible organization carries weight. In addition to my certifications, membership signals to my customers that I am the radon professional for the job. Second, it connects me to other like-minded professionals. If there is anything that I have learned about this business, it is just that, learning. I am always learning new things every day. There is always the strange home or building or radon entry point that makes you scratch your head and say, “Wow, I’ve never seen this before!” Being a member of IEA has allowed me to meet and connected me to other industry experts. Whenever I encounter difficult situations, I know there are several great minds that I can call and brainstorm with. This has been invaluable. Lastly, IEA is deeply involved in advancing our industry, which helps to shape my business and my future. Being a member helps support and fund those advancements. If you are considering joining, I would encourage you to jump in with both feet. Then, I would encourage you to get involved and to meet other industry experts.

New NRPP Certified Professionals

August

Aaron C West (PA), Alexandre R Paoli (KY), Anthony R Klepic (VA), Anthony Trimble (CA), Benjamin L Stromberg (IL), Branden R Maksimchuk (MI), Carina Y Rodriguez (CA), Christian Shiveley (MA), Darren P Meyer (KY), David A Fletcher (TN), David E Turner (CO), Deanna J Berchenbriter (IA), Eric A Thompson (TN), Erik R Eikey (MI), Gregory McDonald (CO), James Davis (KS), James Ryan (CA), Jarred Pond (ID), Jeremy L Freeze (WV), John P Cela (OH), Jonathan A Hansen (UT), Joseph K Reynolds (TN), Joshua O'Dell (IL), Keziah Jensen-Cannon (IN), Khary Cammock (TN), Linzy P Chrapkowski (CO), Logan E Girty (OK), Mariah Taavon (MA), Matthew A Fulmer (CO), Matthew Ingle (MI), Nathan C Wofford (CO), Patrick Geddes (RI), Paul Lotridge (MI), Paula N Brkich (IL), Rafael Colon Jr. (CT), Shane A Searles (KS), Shannon I Esser (CA), Shaun Kelso (MT), Timothy A Bienias (MN), Timothy G Brown (CO), Timothy P Schmitt (OR), Tristan B Jones (TX), Valerie Brodeur (AZ), Waldon Plett (KS), William B Shehorn (IN), Zachary D Schultz (MI)

September

Alex Calderon (CO), Alexandre R Paoli (KY), Ashley Wilkins (VA), Brandi K Udell (CO), Charles Baugh (TX), Christine McCarl (PA), Collin Benjamin (NC), Cristian M Burgos (UT), Dace S Huston (ID), Dale Rex (UT), Darrrian Kent (GA), David A Ellis-Skelton, CMI (TN), Dwight D Sims (OH), Edwin Jenkins (CO), Garrett Ito (HI), George Barry (MN), Gregory S Scarpone (IN), Heather Forrest (TX), James D Kurek (OH), James W. (Duke) Hunt (NC), Jeffery M Emmett (CO), Jon Hartley (IN), Jonah Lowry (IN), Joseph Harr (NC), Joseph McCaslin (NE), Joshua L Kleider (CO), Kelvin R Franklin (TX), Kevin A Marshall (IN), Leif Hansen (NE), Martin Medeiros (CO), Matthew Guthrie (SC), Michael A Stansbury (MD), Michael Pride (PA), Patrick R Seng (KY), Paul Cleland (CO), Peter D Rhoden (FL), Philip Haas (ME), Richard L Mines (WV), Robert Ibarra (CA), Stephen J Kostro (IL), Theodore N Zounis (CO), Thomas R Woodford (NY), Timothy A Bienias (MN), Tyler Storgaard (CO), Vince Depalma (PA), Zachary D Schultz (MI), Zachary Fields (MO)

October

Adam G Crock (OH), Ahmad H Mansour (CA), Alexander E Hinton (CO), Alfredo Ochoa (CO), Andrew C Kranz (MI), Andrew S Ricker (CO), Andrew Taylor (VA), Asha Egmont (IL), Benjamin Bojda (NV), Branden C Edwards (NH), Carl Marcotte (FL), Carlos Linares (NM), Chad Stramel (KS), Christopher Shrum (MO), Collen Brown (CO), Dace S Huston (ID), David Hinkle (PA), Deon Garcia (CO), Devlin RC McAllister (OR), Emma G Breckon (IL), Gregory Kaczynski (CT), Hannah Cavanaugh (KS), Hunter C Edelen (CO), Jake Griffith (IN), Jarred Pond (ID), John Cowherd (IN), Jose Marin (NV), Joshua C Miller (VA), Katherine R Winter (CO), Kelly C Jones (SC), Kenneth Einhorn (NJ), Kyle Bonnett (IL), Lisa Barca-Rabeiro (NJ), Luis Hernandez (VA), Matthew Romer (TX), Michael J Crandall (MI), Michael Osman (IL), Nathan J Brewer (WI), Nicholas J Guyett (NY), Nicholas Wright (IL), Nicole Brown (IN), Noah N Schnur (IN), Patrick R Lackey (CO), Paul Kevin Pike (CO), Rachael L Daniels (ID), Ryan Farley (NH), Shayla L Phillips (VT), Soleil Sipes (TX), Steven Equi (VA), Steven Forbes (TN), Terry R Roark (KY), Thomas M Bendak (IL), Timothy Narrow (KY), Tracey L Carpenter (AZ), Zachary Westfall (CO)

New IEA Members

August

Charles Thomas (TN), Chelsea Reid (TX), Cheyenne Neess (MN), Curry Jett Meier (CO), Heather Ferguson (TX), Heather Forrest (TX), Kerri Barrett (MI), Laura Mathys (CO), Mike A Giles (CO), Shane F Reitze (ME), Tony Byrd (GA)

September

Allen Tapp (OH), Amber Johnson (TX), Andrea Grabowski (OH), Ben Froehlich (OH), Bernard Dodd (OH), Beverly Sedon (OH), Brian C West (OH), Brian Faehner (OH), Brian Masters (OH), Daniel Lewis (OH), DANIEL SPENN (OH), David J Wolfe (OH), Dean Rankin (OH), Dena M Sabbagh (OH), Dillon Otting (OH), Jake Griffith (IN), Jeanne Hoffman (OH), Jeff Weimer (OH), Jeffrey Spivack (FL), John Bentley (OH), John C Hoyne (ID), John Cordell (OH), John Hillard (OH), Jon Hartley (IN), Mason Gibson (OH), Milton Yee (OH), Randy Reinhart (OH), Ray Williams (OH), Robert Orr (CO), Roger Frommer (OH), Ron Mann (OH), Ronald Farnsworth (AK), Roy L Wier (IA), Sam Nunemaker (KS), Steve Howard (OH), Steve Wolfe (OH), Steven J. Klima (IN), Steven Lee (OH), Terry Haynie (OH), Tim Paine (OH), Timothy Wayne Tucker (IN), Tom Buckley (OH)

October

Daniel Shawn Rakes (NC), Demetrius Cook (TX), Heidi Fink (KY), Matthew W Williams (VA), Tony Mehrtens (TN)

PDS RADON SUPPLY

Family-owned | Independent Distributor

LOW VOLTAGE

KTA SYSTEM

- Industry-leading
- Class II low voltage

HOW TO INSTALL VIDEO



100' CORD

SOIL GAS COLLECTOR MAT

Meets all NRPP codes



MADE IN THE USA

"We have installed miles of the product and have had fantastic results!"

- Fred Ellrott | NRPP Certified Radon Mitigation Specialist



PDS 35
RADON SUPPLY
YEAR ANNIVERSARY

719-444-0646
ORDERS@RADONPDS.COM
RADONPDS.COM

UL Fan Safety Standard Update

Dave Kapturowski, Vice President & Co-Founder, Spruce

A new update to "UL 507 Standard for Safety, Electric Fans", went into effect on November 27, 2024 and must be implemented on these products as of that date. This update adds requirements for Listed electric fans that are used in "Unattended Areas". Because radon fans are mounted in attics, garages and outdoors these changes must be implemented on all such Listed fans with AC induction motors.

UL Standards are developed by a committee which includes UL, industry, government, consumer and other groups much like the AARST/ANSI standards. The UL standard is used by UL, ETL, CSA and other Nationally Recognized Testing Laboratories to certify products. The UL standard covers all types of fans (not just radon fans) and many aspects of product safety including mechanical integrity, electric shock hazards, flammability and suitability for use.

Radon fans have an outstanding safety record with millions and millions of fans installed over the past 40 years. But because a fan is a mechanical device it will eventually reach the end of its service life, and the new requirements were added to ensure that no hazards are created when the fans eventually die.

The standard changes were implemented after the Consumer Product Safety Commission was called in to investigate a series of fires caused by bathroom ceiling fans on a US Army base. The cause of the fires in these low-cost bath fans was traced to shorts in the motor winding on stalled motors. This led to the eventual change for all fan types in "Unattended Areas".

Motors generally have a primary thermal protector that shuts the motor off if it overheats. Key to the UL507 change is the addition of either a secondary thermal or a current fuse, along with an extensive suite of testing. The fuse will ensure that motors will not spark if the windings short out. Radon fan motors are typically totally enclosed, which means they have a metal case surrounding them, so sparking is generally not a concern. Nonetheless, the new UL507 requires an additional fuse.

A minimum of 25 motors must be submitted to the Testing Lab for certification to the new standard version. 10 motors are tested as submitted to determine if the primary and secondary thermal protection are functional. 15 motors then go into an oven at approximately 250 degrees Fahrenheit for 12 weeks. This long thermal soak is to simulate years of use in the field. After the oven the 15 motors are again tested to ensure the primary and secondary thermal protections are still functional. Only then will the manufacturer get the Authorization To Mark (ATM), which means the product meets the new standard version.

Safety is a primary concern for the radon industry. Radon systems provide safety to the families that live in the home. This new safety standard revision serves to increase the overall safety and professionalism of the radon mitigation industry and installer.

Mitigators and consumers should look for the ETL or UL mark on the label with a statement that the fan was tested to the UL507 standard.

COUNT ON US TO HELP YOU SAVE TIME AND MONEY.

Check out these benefits just for
Indoor Environments Association



EVERYDAY SAVINGS

Get bulk savings when you buy contractor packs or place large orders and save every day. Receive discounts up to 15% on certain products when shopping on Lowes.com



DEDICATED PRO ASSOCIATES

Pro associates help expedite your order, source materials, and provide you with solutions to get you back to the job.



CONVENIENT ORDERING AND PICK UP

Stay on time and get everything you need without having to leave the jobsite by ordering online, or by phone or fax. Plus, we have dedicated Pro loaders, pro parking and curbside pickup.



FIND WHAT YOU NEED

Get the supplies and materials you need with thousands of in-stock products and job-lot quantities.

Here's your deal!

In Store:

5% off all in store LAR/LCA transaction (Lowe's Account through Synchrony).

\$20 dollar delivery fee for all orders through your Lowe's LAR/LCA account.

Pro Deck – access to Lowe's Value Savings Programs (VSP), which provides quotes on orders \$1,500.00 or more.

Locations – LAR/LCA and VSP programs can be used at any of our over 1,700 stores nationwide.

Online:

5-10% tier discount on all orders placed on our Lowe's For Pros platform at www.lowes.com.

Note: Tier discount program can be used with any registered tender (including non-Lowe's LAR/LCA accounts).

Enjoy \$20 dollar delivery fees for all Lowe's For Pros orders.

Ability to select either "in-store" or "delivery" options.

You can select the store you want to shop at online.

<https://aarst.org/memberships/>