

AARST Consortium

Standards Update | Emerging Standards



Consortium Overview

- ANSI-accredited standards development organization
- Consists of stakeholder groups with direct and material interests in radon and vapor intrusion
- ANSI due process requirements include:
 - Openness
 - Lack of dominance
 - Balance
 - Consideration of views
 - Consensus vote
 - Appeals
- A standard shall not be designated as an American National Standard if it:
 - is contrary to the public interest
 - contains unfair provisions
 - is unsuitable for national use

Consortium Overview

- Responsible for development and ongoing maintenance of 10 standards establishing minimum requirements for radon and soil gas measurement and mitigation
- Consolidation of standards:
 - radon measurement – MAMF and MALB = MA-MFLB 2023
 - soil gas mitigation – RMS-MF and RMS-LB = SGM-MFLB 2023
- Consortium continuous maintenance of standards:
 - standing committee member term – 3 years
 - standard publication – 3 years
 - standard revisions, if applicable – revision date notation
 - effective date after publication of revision – 6 months
 - technical bulletin detailing updates included with each standard publication or revision

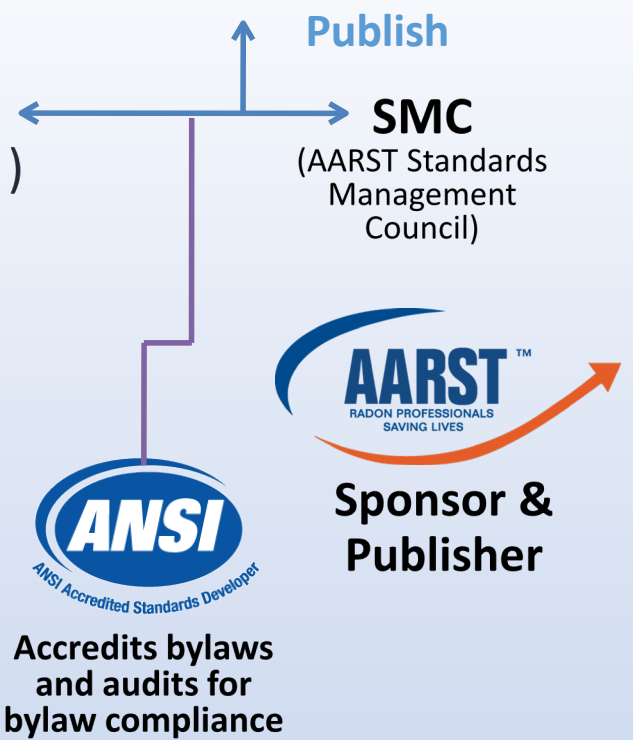
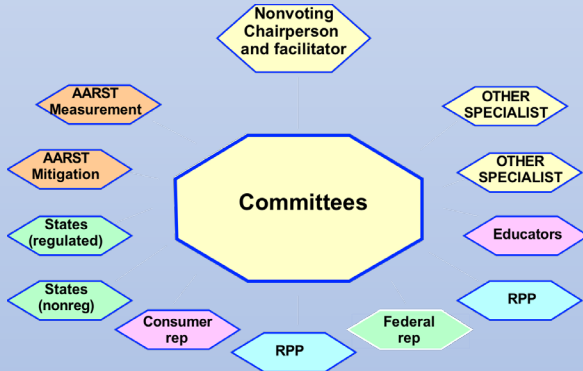


Due process audit trail

Executive Stakeholder Committee
(Policy, Projects and due process oversight)



Document content decided by each subcommittee



Consortium Website



[View/Purchase Standards](#)

[Public Access](#)

[AARST.org](#)

[NRPP.info](#)



National Consensus Standards for Every Building Type

standards.aarst.org

Emerging Standards

- Operation, Maintenance, and Monitoring (OM+M):
 - Status: In progress
 - Chair: David Gillay
 - Standard for ongoing OM+M of soil gas mitigation systems

- Mitigation of Radon in Water:
 - Status: Forming
 - Chair: Dr. Mike Kitto
 - Standard for mitigation of radon in water

- Measurement of Soil Gas in Buildings:
 - Status: Approved by ESC
 - Chair: TBD
 - Standard for measurement of soil gas (VOCs) in buildings

Thanks To Our Partners



Thanks To Our Participants

MAH 2019 Consensus Body Committee

Non-voting Chair: Shawn Price

Stakeholder Group	Delegate
(Educators)	Bill Angell
(Educators <i>alternate</i>)	Martin Smith
(Regulated States)	Daniel Tranter
(Regulated States <i>alternate</i>)	Patrick Daniels
(Proficiency Program)	Kyle Hoylman
(Federal Government)	Jani Stolarova
(Federal Government)	Sara Jensen
(Public Health NGO)	Kevin Stewart
(Home Inspectors)	Nate Burden
(Home Inspectors <i>alternate</i>)	Kurt Salomon
(Mitigation professionals)	Ralph Quin
(Home Measurement)	David Metzger
(Home Measurement <i>alternate</i>)	Maria Stinger
(Multifamily Measurement)	Jessica Karnes
(Multifamily Meas. <i>alternate</i>)	Tom Chartrand
(Large Bldg. Measurement)	Darioush Ghahremani
(Large Bldg. Meas. <i>alternate</i>)	Shavaun Cotter
(Manufacturers)	Alex Stieff
(Manufacturers <i>alternate</i>)	Carlos Avery
(Measurement Lab)	Dan Gallagher
(Measurement Lab <i>alternate</i>)	Dave Kapturowski
(Scientist)	Michael LaFontaine
(Scientist <i>alternate</i>)	Bruce Fergusson
(Environmental Consulting)	Kim Dingleline
(Environmental <i>alternate</i>)	Ken Deemer
(Chambers)	Jim Burkhart
(Chambers <i>alternate</i>)	Jill Newton

MS-QA Consensus Body Members

Chair: Melinda Ronca-Battista (AZ)

Stakeholder Group	Delegate
(Educators)	Brian Hanson (KS)
(Educators <i>alternate</i>)	Jim Burkhart (CO)
(Non-Regulated States)	Clay Harwick (KY)
(Regulated States)	Mark Versch (NE)
(Regulated States <i>alternate</i>)	Rick Welke (IA)
(Federal EPA)	Jani Palmer (DC)
(Proficiency Program)	Shawn Price (NC)
(Proficiency Program <i>alternate</i>)	Bill Angell (MN)
(Mitigation Prof.)	Leo Moorman (CO)
(Mitigation Prof. <i>alternate</i>)	Terry Howell (GA)
(Measurement Prof.)	Darioush Ghahremani (CA)
(Measurement Prof. <i>alternate</i>)	Tamara Linde (OR)
(Building Inspectors)	Nate Burden (PA)
(Chambers)	Phil Jenkins (OH)
(Chambers <i>alternate</i>)	David Wilson (TN)
(Charcoal Lab)	David Grammer (NJ)
(Alpha Track Lab)	Tryggve Ronnqvist (SE)
(CRM Manufacturer)	Rick Straub (OH)
(CRM Manufacturer <i>alternate</i>)	Carlos Avery (MD)
(Electret Manufacturer)	Lorin Stieff (MD)
(Scientist)	Michael LaFontaine (CN)
(Scientist <i>alternate</i>)	Mike Kitto (NY)
(Environmental Cons.)	Myca Bruno (NC)

SGM-SF Consensus Body Members

Chair: Dave Kapturowski (MA)

Stakeholder Group	Delegate
(Educators)	Bill Angell (MN)
(Regulated States Rn)	Josh Kerber (MN)
(Federal EPA Rn)	Jani Palmer (DC)
(Federal HUD)	Hilary Atkin (DC)
(Proficiency Program)	Kyle Hoylman (KY)
(Proficiency Program)	Bruce Snead (KS) <i>Alternate</i>
(Mitigation Prof. Rn)	David Grammer (NJ)
(Mitigation Prof. Rn)	Keith Volsted (IL) <i>Alternate</i>
(Measurement Prof. Rn)	David Wilson (TN)
(Building Inspectors)	Nate Burden (PA)
(Federal OHH)	Warren Friedman (DC)
(Federal OHH)	Eugene Pinzer (DC) <i>Alternate</i>
(Regional HUD)	Paul Mohr (MO)
(Regional HUD)	Sam Gieryn (MO) <i>Alternate</i>
(Federal HUD)	Nelson Rivera (DC)
(Federal HUD)	Danielle Schopp (DC) <i>Alternate</i>
(Manufacturers)	Paul Owen (MA)
(Educators VI)	Kelly Pennell (KY)
(Regulated States VI)	David Swim (WI)
(Regulated States VI)	Pat Troth (IN) <i>Alternate</i>
(Federal EPA VI)	Henry Schuver (DC)
(Federal EPA VI)	Rich Kapuscinski (DC) <i>Alternate</i>
(Mitigation Prof. VI)	Tony McDonald (OH)
(Mitigation Prof. VI)	Tom Hatton (NJ) <i>Alternate</i>
(Building Scientist VI)	Rachel Saari (MI)
(Building Scientist VI)	Robert Truesdale (NC) <i>Alternate</i>
(Site Assessment VI)	Chris Lutes (NC)
(Site Assessment VI)	Eric Lovenduski (NY) <i>Alternate</i>
(Stewardship VI)	David Gillay (IN)
(Stewardship VI)	Chris Bonniwell (WI) <i>Alternate</i>
(Regional EPA)	Michael Murphy (IL)
(Regional EPA)	Alana Lee (CA) <i>Alternate</i>
(Public Health NGO VI)	Lenny Siegel (CA)

CCAH/RRNC Committee Members

Non-voting Chair:	Dave Kapturowski	PA
Non-voting Assist Team:	Gary Hodgden	KS
Stakeholder Group	Delegate	
Educators	Bill Angell	MN
Educators <i>Alternate</i>	Chad Robinson	KS
Non-regulated States	Chrys Kelly	CO
Federal EPA	Jani Stolarova	DC
Federal EPA <i>Alternate</i>	Nick Hurst	DC
Federal HUD	John Schneider	IL
Proficiency Program	Bruce Snead	KS
Proficiency Program <i>Alternate</i>	Kyle Hoylman	KY
Public Health NGO (ALA)	Kevin Stewart	PA
Mitigation prof.	Dan West	OH
Mitigation prof. <i>Alternate</i>	Tom Thies	NM
Measurement prof.	Matt Koch	AL
Measurement prof. <i>Alternate</i>	David Metzger	OH
Code Officials	Gregg Gress	IL
Home Builders	Steve Tucker	OR
NAHB Association	Dan Buuck	DC
NAHB <i>Alternate</i>	Gary Ehrlich	DC
Architects	Ted Waldron	VA
Architects <i>Alternate</i>	Tim Pitman	SC
System Designer	Keith Hoylman	KY
Scientist	David Wilson	TN