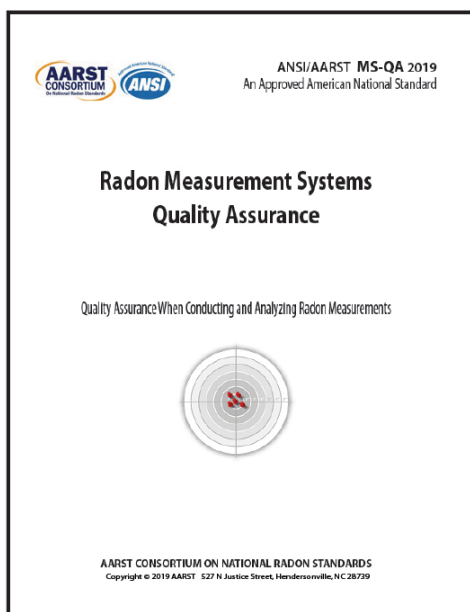


MS-QA Maintenance Updates 3-23



Harmonization effort for MS-QA, MAH and MA-MFLB Measurement Standards
Continuous maintenance efforts to improve these standards are ongoing.

Public Review: MS-QA Maintenance Updates 3-23 **COMMENT DEADLINE: March 24th, 2023**

Note

These proposed revisions for public review, as underlined in red text, are modifications to previous publicly reviewed revisions indicated by black text.

These provisions relate to public health concerns. They are intended to help ensure contractors have an appropriate degree of technical, engineering, and scientific knowledge to protect occupants by providing reliable measurements of *radon gas* present in indoor air.

The latest published versions of those standards are available for comparison at www.standards.aarst.org where all ANSI/AARST standards can be found for review at no charge and for purchase.

The current QA standards committee roster (consensus body) can be linked to from www.standards.aarst.org/public-review. The current work project includes (1) harmonization, where possible, for all portions of these documents to read the same for the same tasks; (2) update based on new experiences, and (3) renderings that are more conducive to stakeholders who are involved in compliance assessment.

AARST Consortium on National Standards

Website: www.standards.aarst.org

Email: StandardsAssist@gmail.com

527 N Justice Street, Hendersonville, NC 28739

REQUESTED PROCESS AND FORM FOR FORMAL PUBLIC REVIEW COMMENTS
Submittals (MS Word preferred) may be attached by email to StandardsAssist@gmail.com

- 1) Do not submit marked-up or highlighted copies of the entire document.
 - 2) If a new provision is proposed, text of the proposed provision must be submitted in writing. If modification of a provision is proposed, the proposed text must be submitted utilizing the strikeout/underline format.
 - 3) For substantiating statements: Be brief. Provide abstract of lengthy substantiation. (If appropriate, full text may be enclosed for project committee reference.)
-

REQUESTED FORMAT

Title of Public Review Draft: MA-MFLB (MAMF/MALB) Maintenance Updates 3-23

- **Name:** Affiliation:
- **Clause or Subclause:**
- **Comment/Recommendation:**
- **Substantiating Statements:**

Repeat the five bullet items above for each comment.

Proposed Maintenance Updates 03/23 for AARST MS-QA

Radon Measurement Systems Quality Assurance

1 DEFINITIONS

Qualified Professional (QP): An individual who has demonstrated a minimum degree of appropriate technical knowledge and training specific to radon measurement in indoor environments—~~as~~: (a) as established in certification requirements of a national program that is compliant with requirements in normative Appendix A; and (b) as required by local statute, state licensure or certification programs that evaluate individuals for radon specific technical knowledge and skills."

Normative Appendix A

National Certification/Listing Programs

For private sector certifications of qualified measurement professionals, this standard requires a national program that evaluates and lists qualified individuals, training courses and other products or services, such as laboratory services, integral to achieving public health goals intended by this standard. Programs meeting the purpose, need and requirements of this standard are those with policies as established in a), b) and c) of this normative Appendix A.

a) Programs with published policies that:

1. require persons to undergo education and an impartial examination process prior to granting personal certification or certificates of educational achievement; and
2. require surveillance of continued competence, not less than as demonstrated by continuing education on standards updates, compliance and other related technical knowledge and skills, prior to granting recertification or renewed certificates or listings; and
3. require, for the certification of radon measurement laboratories, initial demonstration and scheduled ongoing surveillance of compliance with ANSI/AARST MS-QA (Radon Measurement Systems Quality Assurance).

b) Programs that:

1. have a written policy and means for receiving and adjudicating complaints against individuals or companies who have been granted a credential; and
2. have publicly published educational and examination requirements for each credential or listing available online where readily accessible for consumers of credentialed services.

c) Programs that include educational prerequisites as follow:

1. Qualified Radon Measurement Professional—Homes
Certifications granted that qualify individuals as proficient in conducting radon measurements in existing homes are to include:
 - a. no less than 16 hours education prior to granting certification that focuses on tasks required in ANSI/AARST MAH (Protocol for Conducting Measurements of Radon and Radon Decay Products in Homes); and
 - b. biennial recertifications after completing continuing education requirements and any other program surveillance activities.
2. Qualified Radon Measurement Professional—Multifamily and Commercial

Listing or certification credentials granted that qualify individuals as proficient in placement, retrieval, and analysis (as applicable) of radon detectors and to design, plan, and implement quality procedures when conducting radon measurements in multifamily, school, commercial and mixed-use buildings are to include:

- a. current certification as a qualified radon measurement professional in homes; and
- b. additional education and processes approved by the program relative to tasks required in the most current version of this standard ANSI/AARST MA-MFLB (Protocol for Conducting Measurements of Radon and Radon Decay Products in Multifamily, School, Commercial and Multi-Use Buildings) prior to granting this advanced level certification or listing and recertifications or relisting.

Informative Note 1—The National Radon Proficiency Program (NRPP), the National Radon Safety Board (NRSB), or equivalent programs that also meet requirements of a), b) and c) of this normative Appendix A meet the requirements of this standard.

Note—identification of existing certification bodies is not an endorsement of their programs.

Informative Note 2—The purpose of requirements in this Appendix A is to ensure contractors have an appropriate degree of technical, engineering, and scientific knowledge to protect occupants by providing reliable measurements of radon gas present in indoor air.

3.2 Approved Devices and Qualified Laboratories

Conformance with this standard requires the use of devices approved through a device evaluation program and laboratories certified or accredited by a laboratory approval program that meets requirements as:

- a) as required by local jurisdictions that have a program for evaluating and approving devices;
or
- b) as established by a national certification or listing program, such as the National Radon Proficiency Program (NRPP), the National Radon Safety Board (NRSB), or an equivalent program that verifies compliance with the most current version of ANSI/AARST MS-PC (Performance Specifications for Instrumentation Systems Designed to Measure Radon Gas in Air).

Note—Identification of two existing bodies that have a program for evaluating and listing devices that meet specified quality requirements is not an endorsement of either program.