

CCAH Maintenance Updates 3-23



Harmonization effort for AARST new construction standards CCAH and CC-1000
Continuous maintenance efforts to improve these standards are ongoing.

Public Review: CCAH Maintenance Updates 3-23

COMMENT DEADLINE: April 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 successfully reducing hazards associated with *radon gas*.

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 new construction 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: **CCAH 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 CCAH

Reducing Radon in New Construction of 1 & 2 Family Dwellings and Townhouses

CERTIFIED. A designation determined by jurisdictions having authority who evaluate individuals for radon-specific technical knowledge and skills relative to radon mitigation services, radon measurement services, and those who evaluate the quality of radon laboratory services. ~~applied to individuals or companies that meet qualification requirements or are authorized by the state or other jurisdiction to provide radon laboratory, measurement, or mitigation services.~~ Alternatively, a designation applied to *radon* laboratories, measurement and mitigation professionals complying with certification or listing requirements established by a private sector program that is compliant with ~~that meet current national qualification requirements established by the National Radon Proficiency Program (NRPP), the National Radon Safety Board (NRSB) or an equivalent national program as defined in Normative Appendix B.~~ Also see LICENSED.

302.3 System Coverage Area

Additional *radon control system rough-Ins*, with an independent exhaust pipe extending from the *soil gas collection plenum* to the roof shall be installed where the total foundation area exceeds the Maximum Coverage Area shown in **Table 302.3** and each multiple thereof or as specified by a *certified*/licensed radon mitigation professional.

1101.1 Radon Testing.

A radon test shall be performed after activation of *rough-in* systems with an *ASD fan* by a *certified*/licensed radon measurement professional. Testing shall be performed in accordance with AARST/ ANSI MAH (Protocol for Conducting Measurements of Radon and Radon Decay Products in Homes) or applicable state protocols or requirements.

APPENDIX B. NATIONAL CERTIFICATION/LISTING PROGRAMS

Equivalent national programs for credentialing radon service providers are defined as:

For private sector certifications or listings, 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 Appendix B.

a) Programs with published policies that:

- ~~a)~~ 1. require persons to undergo education and an impartial examination process prior to granting personal certification or certificates of educational achievement;
- ~~e)~~ 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:

- ~~b)~~ 1. have a written policy and means for receiving and adjudicating complaints against individuals and 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.

d) Programs that include educational prerequisites as follow:

1. **Qualified Mitigation Professionals—Homes**

Certifications granted by ~~equivalent national programs~~ that qualify individuals as proficient in designing radon *mitigation* systems in existing homes are to include:

- a. no less than 32 hours or more education prior to granting certification that focuses on tasks required in this standard, **ANSI/AARST SGM-SF** (Soil Gas Mitigation Standards for Existing Homes); and
- b. required biennial recertifications after completing continuing education requirements and any other program surveillance activities.

~~no less than 16 hours continuing education biennially prior to granting recertification.~~

2. **Qualified Radon Measurement Professional—Homes**

Certifications granted by ~~equivalent national programs~~ that qualify individuals as proficient in conducting radon measurements in existing homes require:

- a. no less than 16 hours or more 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.

~~no less than 16 hours continuing education biennially prior to granting recertification.~~

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 Section 13.1 meet the requirements of this standard.

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

Informative Note 2—The purpose of requirements in this Section 13.1 is to ensure contractors have an appropriate degree of technical, engineering, and scientific knowledge to protect occupants by successfully reducing hazards associated with radon gas, chemical vapors or other soil gases that are present in indoor air.