IOWA | Health and Human Services
Division of Public Health

Bureau of Radiological Health
Radon Program

Application Guide for Iowa Radon Measurement Specialist Certification

July 2026

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1. Introduction

1.1 Overview

This guide explains the requirements and process for applying for certification for the first time as a Radon Measurement Specialist under Iowa Administrative Code (IAC) Chapter 43 (136B), MINIMUM REQUIREMENTS FOR RADON TESTING AND ANALYSIS. Authorization for this rule comes from Iowa Code 136B RADON TESTING. Copies of these rules and be found at https://hhs.iowa.gov/health-prevention/providers-professionals/radiological-health/radon/radon-testing-lab-certification-and-mitigation-credentialing

This guide will also help you to prepare all the information and documentation you will need to have available for upload when you are ready to apply for certification The HHS Radon Program uses the division's online AMANDA licensing portal so you will need a computer with internet access, mobile devices do not work well for this program. You should have all documents ready in electronic format when you are ready begin the application process. If you cannot convert your documents to an electronic format or if you do not have access to a computer or the internet, please contact the Radon Program at (515) 281-4928. Additional information on this process can be found in Section 2.11.

641—43.3(136B) General regulatory requirements.

43.3(1) Except as provided in this chapter, no person may test for the presence of radon or radon progeny in the state of Iowa unless the person has been certified by the department. This requirement also applies to persons whose place of business is located in Iowa, or in a state other than Iowa, and who offer radon testing to residents of Iowa either directly, through the mail, or by other means.

43.3(2) Individual qualifications for radon measurement specialist. No individual may be certified as a radon measurement specialist unless all of the following conditions are met:

a. Be at least 18 years of age at the time of application;

b. Successfully complete a department-approved training course on radon/radon progeny measurements within the two years prior to application. An approved training course is a course that meets and maintains approval by the NRPP or the NRSB. This includes the NRPP Radon Measurement Professional or NRSB Radon Measurement Specialist course;

c. Achieve or exceed the minimum passing score on the national measurement professional, or specialist examination provided by the NRPP or the NRSB within two years prior to application;

d. If the requirement to meet the conditions in this chapter within the two years prior to application as listed above cannot be met, the person may demonstrate current radon licensure, certification, or credentialing through another jurisdiction or licensing body deemed acceptable by the department;

e. Use detection devices approved by the NRPP, the NRSB, or another department-approved national radon proficiency program to measure radon. Passive detection devices must be obtained from an Iowa certified radon measurement laboratory.

1.2 Definitions

"AARST/NRPP or NRPP" means American Association of Radon Scientists and Technologists, National Radon Proficiency Program; www.aarst-nrpp.com or nrpp.info

"ANSI" means American National Standards Institute; www.ansi.org

"EPA" means the United States Environmental Protection Agency; www.epa.gov/radon

"IAC" means the Iowa Administrative Code

"IEA" Indoor Environments Association, formerly AARST (transition to this new name started in late 2023)

"Iowa HHS" or *"HHS"* means the Iowa Department of Health and Human Services; hhs.iowa.gov
"NRSB" means National Radon Safety Board; www.nrsb.org

1.3 Regulations and Standards

IAC 641—43.3(3) *c.* requires that the certified person shall comply with all EPA, ANSI/AARST and department-approved radon measurement and quality assurance/quality control (QA/QC) guidelines, protocols, and standards and shall conduct measurements following the standard applicable to the building being tested. The standards include the following:

- ANSI/AARST MS-QA-2023, *Radon Measurement Systems Quality Assurance*
- ANSI/AARST MAH-2023, *Protocol for Conducting Measurements of Radon and Radon Decay Products in Homes*
- ANSI/AARST MA-MFLB-2023, *Protocol for Conducting Measurements of Radon and Radon Decay Products in Multifamily, School, Commercial and Mixed-Use Buildings*

These documents can be viewed for free at standards.aarst.org. Hard copies and printable .pdf versions can be purchased from the above AARST website or from www.ansi.org.

1.4 Training and Examination Requirements

To become certified as an Iowa Radon Measurement Specialist you must complete a department approved initial radon measurement course and pass a department approved radon measurement proficiency exam. The department does not provide training classes or exams. Be aware that there are also "technician" classes and exams offered that do not satisfy our course or exam requirements.

Approved Training Course – A department approved training course is an initial training course accepted for certification by either of the two national certification organizations: the National Radon Proficiency Program (NRPP) or the National Radon Safety Board (NRSB). Other training classes will be approved on a case-by-case basis.

An initial radon measurement training course should be a minimum of 16 hours of instruction and can be online, home study or in person. Lists of approved classes can be found at the links below:

- NRPP: https://nrpp.info/education-training/initial-training-courses/
- NRSB: https://nrsb.org/courses/initial-courses-for-measurement/

Please remember that the Iowa Radon Testing and Abatement Act and the Minimum Requirements for Radon Measurement Rule and all other Iowa specific regulations and policies supersede any conflicting information that may be dispensed in these national training courses. It is the Iowa Radon Measurement Specialists responsibility to ensure that they are aware of all Iowa radon measurement requirements and standards, some of which may vary from national standards, the current version of a national standard, protocols or those from other states.

Approved exam – A department approved exam is an exam accepted for certification by either of the two national certification organizations: the NRPP or NRSB. You will need to arrange through the organization to take an exam, see links below (the course completion exam at the end of an online course is not sufficient). You must receive a passing score on the exam.

- NRPP: nrpp.info/nrpp-exams
- NRSB: www.nrsb.org/exams/exam-information

NOTE 1: Both the NRPP and NRSB offer a measurement "technician" certification. This training, typically 12 hours, and exam will not qualify you to be an Iowa Radon Measurement Specialist. Make sure you enroll and complete the correct training course and exam.

NOTE 2: By taking the NRPP or NRSB training and certification exam you will be eligible to apply for their respective national measurement certification, however, you do not have to become certified through either of the above two organizations to get your Iowa measurement specialist certification.

1.5 Initial Application & Certification Fees

The following fees must be paid at time of application. An application will not be processed until the fees are paid.

a. Initial application fee is $25.
b. Certification fee is $250.

Therefore, the total initial certification fee is $275.

A fee of $40 will be assessed to the above fees for each payment received by the department in accordance with these rules, for which insufficient funds are available to fulfill the obligation of such payment to the department.

NOTE: THE ABOVE FEES ARE NON-REFUNDABLE

2. Required information and Documentation for Application

2.1 Age Requirement/Birthdate

The applicant must be at least 18 years of age. The applicant's birth date must be provided. Additional documentation proving the applicant's age may be requested.

2.3 Training Course Completion and Exam Verification

The applicant must submit/upload a copy of the following documents:

1) A certificate of completion of the initial training course. If the course was completed more than two years prior to the date of the application, the person shall provide documentation that they have completed an average of at least four hours of approved continuing education (CE) training per year since completing the course.

2) Official documentation of the test score obtained on the NRPP, NRSB, or other department-approved radon measurement examination taken within two years prior to application, showing

a minimum passing score.

3) As an alternative to the above 2 items, applicants may provide documentation of current licensure, certification, or credentialing through another jurisdiction or licensing body acceptable to the department.

2.4 Radon Affirmation Statements

The applicant must acknowledge that they agree to the following (these statements will be included in the online application process):

1) I will submit radon test results every 30 days to the radon program within HHS. The radon test results will be submitted on a form provided and, in a manner, approved by the department.
2) I will keep all records for a minimum of 5 years after a radon test is completed.
3) I will submit any changes in procedures within 14 days to HHS.
4) I will acquire at least 8 hours of continuing education credits every two years before certification is renewed and provided the required documentation of completion. (if you have both a radon measurement certification and mitigation credential this requirement is reduced to 6 hours)
5) I will ensure that no one except the certified person named on the application will perform (place and pick-up) any radon tests using the approved method and equipment for which I am approved for in Iowa, and all Department radon measurement guidelines, protocols and standards will be followed.

2.5 Disciplinary Action Disclosure and Affirmation Questions

The applicant provide a list of any disciplinary actions taken against a license, credential, certification, registration in any profession in Iowa, another state or jurisdiction and a copy of the disciplinary action(s), including charges and disposition.

The following questions are required to be answered as part of the application process and are included in online application. If a "Yes" answer is provided and additional documentation is required, please have the documentation ready for upload/submittal.

1) Do you have a medical condition, which in any way currently impairs or limits your ability to perform the duties of this profession? "Medical condition" means any physiological, mental, or psychological condition, impairment, or disorder, including drug addiction and alcoholism.
   If yes, provide a description of your condition and submit a letter from a physician stating how your condition will affect your ability to perform the duties of this profession.
2) Have you, within the past 5 years, engaged in the illegal or improper use of drugs or other chemical substances?
   If yes, provide a statement and a copy of relevant documentation including records from a physician or treatment program.
3) Have you ever been convicted of a misdemeanor or felony crime? (You do not need to answer yes if your sole conviction or convictions are for minor traffic violations with fines under $250). In answering this question, note that a conviction means a finding, plea, or verdict of guilt made or returned in a criminal proceeding, even if the adjudication of guilt is deferred, withheld, or not entered. This means you must answer yes if a finding or verdict of guilt was returned against you in a criminal proceeding or if you plead guilty, entered a plea of nolo contendere, or entered an Alford plea in a criminal proceeding, even if the court expunged the matter or the court deferred judgment. You must submit the complaint and judgment of conviction for each offense.

If yes, include the date, location, charging orders, court disposition, and current status (i.e. probation) for each charge.

4) Has any state or other jurisdiction of the United States or any other nation ever limited, restricted, warned, censured, placed on probation, suspended, revoked, or otherwise disciplined a professional license, permit, registration, or certification issued to you?
   If yes, include the date, location, reason, and resolution.

5) Have there ever been judgments or settlements paid on your behalf as a result of a professional liability case?
   If yes, include the date, location, reason, and resolution.

6) Have you ever had a license, permit, registration, or certification denied, suspended, revoked, or otherwise disciplined by a certification body?
   If yes, provide a description of the circumstances.

The department may require the applicant to submit supplementary statements containing additional information to enable the department to determine whether an application should be approved or denied, or whether a previously issued certification should be amended, suspended, or revoked.

2.6 Testing Methods

All measurement devices used must be NRPP or NRSB certified for measuring radon and be listed on the associated website:

- NRPP: nrpp.info/devices/approved-devices
- NRSB: www.nrsb.org/devices/device-listings

For passive lab analyzed devices they must obtained from an Iowa certified radon laboratory. A list of Iowa certified labs can be found here; hhs.iowa.gov/radon by expanding the Test section at the bottom of the page.

In your application you will need to indicate each testing method you wish to be certified to use. Your choices are:

- Activated charcoal adsorption (CC)
- Alpha Track detector (AT)
- Continuous radon monitor (CR or CRM)
- Charcoal liquid scintillation (LS)
- Electret (EL), includes short and long term

Additional test types can be added to your certification at any time with the submission of a QA\QC plan for that type of device using New Testing Method request via the AMANDA licensing portal, see Item 2.10 (i.e.: currently approved for use of CRMs and want to add charcoal kits, submit a QA\QC plan for charcoal kits). There is no charge for this.

2.7 Quality Assurance Plans (QAP)

An application for certification as a radon measurement specialist shall contain complete and accurate information including a quality assurance plan (QAP) for all measurement devices and equipment and Standard operating procedures (SOPs).

A QAP is a formal document describing in comprehensive detail the *quality system*, including responsibility for data validity, QA policies, QC procedures and other technical activities that need to

be implemented to ensure that the results of the work conducted will satisfy the stated performance criteria. The plan must define objectives (e.g., QC limits at various stages of the operations) and the responsibilities and authorities of personnel, especially regarding data quality and *corrective action*, including an individual responsible for the implementation of the quality policies, who is usually known as a QA Manager or Officer. A QAP shall follow the requirements outlined in the ANSI/AARST standard, "*Radon Measurement Systems Quality Assurance"* (MS-QA). See section 1.1 above for links to view or purchase a copy of the standard.
A QAP will include at least the following elements:

(1) organization and responsibilities, including accountability for sufficient training of personnel and QC measurements and their documentation;
(2) measurement, data review and reporting procedures;
(3) systems for ensuring measurement device and data custody tracking;
(4) analytical procedures;
(5) assessments (audits) and *corrective action*; and
(6) QA reporting that is used to improve quality over time. All six elements are to be documented in a QA\QC plan or QAP and associated with standard operating procedures.

Specific Iowa rule requirements for the QAP content in addition to those found in the standard include the following:

- If passive laboratory analyzed devices such as activated charcoal detectors (CC), Alpha Track detectors (AT & UT), liquid scintillation (LS), etc. are used the names and addresses of the Iowa certified laboratories for those devices must be included in the QA\QC.

- If an active device such as a continuous radon monitor (CRM) is used the name of the manufacturer, device name and model number must be included in the QA\QC plan or QAP.

If you are planning to use a continuous radon monitor (CRM) and passive test kits (activated charcoal, liquid scintillation, Alpha Track, etc.) and/or electrets, it is recommended that a separate QAP for each of the above 3 measurement types be submitted due to the differences in QA\QC procedures.

An Iowa QAP templates for CRMs and for passive devices can be downloaded from the HHS Radon Testing & Lab Certification and Mitigation Credentialing webpage below;

https://hhs.iowa.gov/health-prevention/providers-professionals/radiological-health/radon/radon-testing-lab-certification-and-mitigation-credentialing

Scroll down to the **Resources for applicants and certified/credentialed individuals** section and click on the corresponding bolded word, **CRM** or **Passive** as shown below to open or download the template. The templates are in MS Word format.

- Measurement QA/QC Plan Templates **CRM (3.44 MB)** .docx and **Passive (3.56 MB)** .docx

Information on how to develop an acceptable QAP template may also be available from your measurement device provider or from NRPP for free or for a fee. Sample forms, templates and/or other information for implementing and supporting the ANSI/AARST standards can be found at the bottom of the ANSI/AARST Public Review Public Access website under the Measurement and Devices Quality Assurance section; standards.aarst.org/publicreview

NOTE: Passive devices used with active devices for performing duplicate QA\QC tests only, do not need a separate QA\QC plan and the results from these tests are not reported to HHS.

IMPORTANT NOTE: At this time most plans provided by a manufacturer or other source will not typically meet the requirements specified by the department or the ANSI/AARST MS-QA. It is very important and will limit delays in the processing of your application if you carefully and thoroughly review any QAP template provided to you, follow directions and suggestions for content and amend it to meet the Iowa QAP requirements, ANSI/AARST MS-QA requirements and the practices of your business.

Radon In Water Testing

HHS does not currently regulate/certify individuals providing radon in water testing or laboratory analysis of radon in water for the public, does not require a QAP to be submitted if this service is offered and does not require reporting of these results. The department does recommend that radon in water testing follow the current ANSI/AARST standard for testing radon in water. This standard can be viewed for free on the same website mentioned above for the ANSI/AARST standards.

2.8 Confidentiality Waiver, Iowa Code section 136B.2 b. and IAC 641—43.4 (1) *f.* & 43.7 (3) *c.*

You must submit an example of the confidentiality waiver that will be used when you are requested to release test results to person(s) other than the owner of the building being tested as required by the above rules:

> *Not disclose to any other person, other than the department, the results of a test, the address, or the name of the owner of a nonpublic building that the person tested for the presence of radon gas or radon progeny, unless any of the following conditions are met:*
>
> *(1) The owner of the building waives, in writing, this right of confidentiality.*
>
> *(2) The person certified or credentialed pursuant to Iowa Code section 136B.1 may disclose the results of a test performed by the person for the presence of radon or radon progeny to a potential buyer of a nonpublic building when an offer to purchase has been presented by the buyer and if the potential buyer paid for the testing.*
>
> *Any test results disclosed shall be results of a test performed within the five years prior to the date of the disclosure.*

NOTE: An explanation of the use of this waiver should be referenced in your QAP and the waiver form included in the appendices. The waiver is included in each of the Iowa QAP templates along with a required section explaining its use.

A stand-alone example waiver can be found on our website at**;**

https://hhs.iowa.gov/health-prevention/providers-professionals/radiological-health/radon/radon-testing-lab-certification-and-mitigation-credentialing

2.9 Applying for Certification

The Radon Program within the Bureau of Radiological Health at HHS uses an online licensing portal called AMANDA. This system will need to be used to submit your initial application for certification, submit changes to your application, complete required monthly testing activity logging and data reporting and to renew your certification.

Instructions for using the online portal can be found here;
https://hhs.iowa.gov/radiological-health/radiological-health-application-permits
scroll down and expand the **Radon** section.

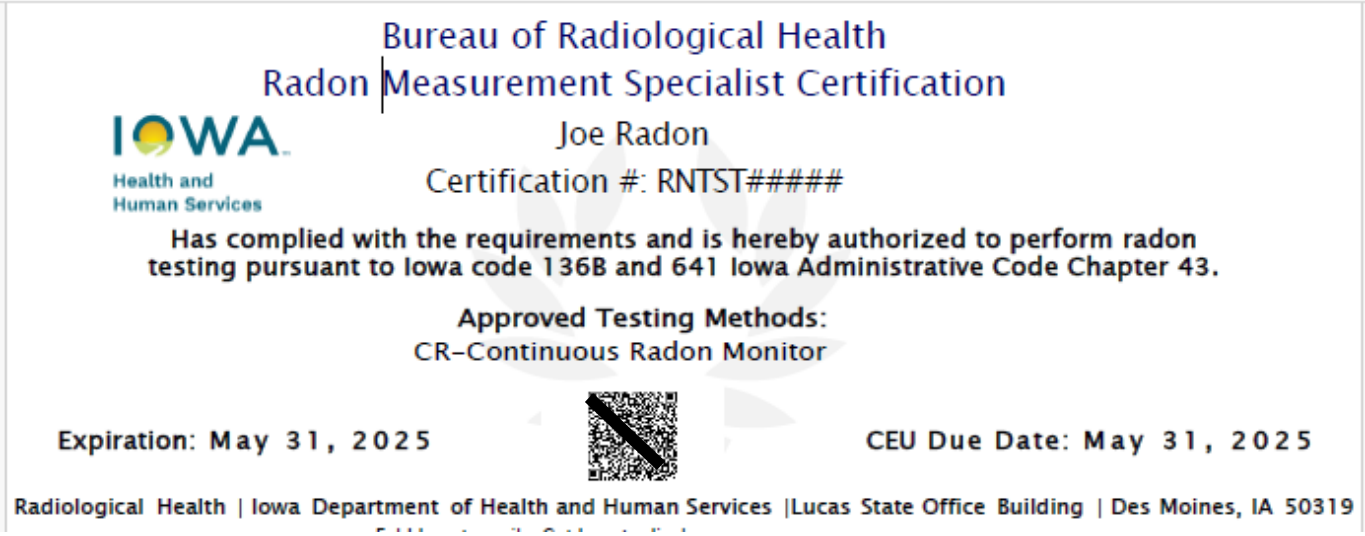
Below is the link to the licensing portal. Or you can access the licensing portal here;

https://amanda-portal.idph.state.ia.us/adpereh/portal/#/commons/sign-in

If you do not have access to a computer or internet, please call (515) 281-4928.

Again, the application fee and certification fees are non-refundable.

If approved, you will receive a wallet card via the email provided in your account, typically overnight. The card will show your certification number, RNTST#####, Expiration Date (1 year after end of the month issued), CEU Due date (every 2 years after originally issued) and list approved test methods.


Bureau of Radiological Health
Radon Measurement Specialist Certification
IOWA Health and Human Services
Joe Radon
Certification #: RNTST#####
Has complied with the requirements and is hereby authorized to perform radon testing pursuant to Iowa code 136B and 641 Iowa Administrative Code Chapter 43.
Approved Testing Methods:
CR–Continuous Radon Monitor
Expiration: May 31, 2025
CEU Due Date: May 31, 2025
Radiological Health | Iowa Department of Health and Human Services |Lucas State Office Building | Des Moines, IA 50319

If you do not find it in your email check your SPAM folder for an email from idph.adperehreg_noreply@iowa.gov, since this is a no reply email some programs will flag it as SPAM. If found in your SPAM folder, add this email address to your safe/trusted email list.

Shortly after approval you will also receive an email from program staff that includes the monthly measurement reporting instructions, spreadsheet reporting template and spreadsheet completion instructions. See Section 3.1.1 for more information.

3. After Certification Approval

3.1 Record Keeping & Reporting (IAC 641—43.3(7)-(8) & 43.6(1)-(2)).

3.1.1 Radon Test Data

As a condition of certification, you are required to report radon testing activity to the department every 30 days even if no testing is done, report test data within 30 days of completion of a test and maintain testing records for a minimum of 5 years.

The following information must be recorded. Further details can be found in the instructions for completing the monthly reporting template emailed to you:

- The address or location of the building being tested (street address, city, state & ZIP).
- The name and telephone number of the owner(s) of the building where the radon testing was conducted
- Extra information on Location of test within the floor/level being tested.
- The results of the test(s) in picocuries/liter (pCi/l) of radon gas.
- For passive test kits - IA Lab certification # and Test serial number (S/N).
- For CRMs or electrets - Device Model Name/# & Device serial number (S/N).
- The method used for radon testing (type of device used).
- Media tested (air, water, soil).
- The level or floor of building where the test was conducted.
- Conditions under which the testing was performed.
- The start and end date of the test.
- The purpose of the test (pre- or post- mitigation and type of building).

Monthly logging of radon testing activity shall be performed via the AMANDA online licensing portal along with the upload of any testing data. The radon test results shall be submitted using the department provided Excel spreadsheet template. The spreadsheet along with instruction on completing the template and using the AMANDA system to report monthly testing activity will be emailed to you after approval of your certification. The template and instructions can also be downloaded at the following website under the "Resources for applicants and certified individuals" section; https://hhs.iowa.gov/radiological-health/radon/radon-testing-lab-certification-and-mitigation

At time of renewal, your monthly radon activity log and data reporting must be current to within 3-months prior to your expiration date, or your renewal will not be issued until your logs and data submissions are up to date.

3.1.2 Records Associated with your QAP(s) Including:

- The QAP/SOP Plan for each measurement device to be used
- Personnel qualification and training records & logs
- QA\QC testing logs (calibrations, duplicates, blanks, spikes, etc.)
- Suggestions or complaints and corrective actions to procedures and complaints.
- Any forms used such as Chain-of- custody, tracking sheets, building investigation, non-interference agreements, closed building conditions, etc.

3.1.3 Waivers

Copies of signed confidentiality waivers must also be maintained on file.

3.2 Application Changes (IAC 641—43.3(10).

Any changes to your application such as change of employer or addition/deletions of testing method types shall be made to the department within 14 days of occurrence.

Additional testing method types can be added to your certification at any time with the submission of an appropriate QAP for that method. There is no charge for this.

3.3 Certification Renewal (IAC 641—43.4(5))

A certification is valid for 1 year and must be renewed by the last day of the month in which the certification was approved and issued and can be found on the wallet card issued to the applicant. Renewal will be completed via the AMANDA licensing portal. Renewal notices will go out from the AMANDA licensing system 90 and 30 days prior to expiration, at expiration and 30 days after to email address in AMANDA.

The renewal fee is $250. A certification not renewed within 30 days of the expiration date will become a reinstate and a $100 fee will be applied in addition to the $250 renewal fee.

A fee of $40 will be assessed to the above fees for each payment received by the department in accordance with these rules, for which insufficient funds are available to fulfill the obligation of such payment to the department.

You must also have all radon testing activity and data reporting, as required by the department, up to date to within three months of the date of expiration.

Instructions for renewing your Iowa measurement specialist certification can be found here: https://hhs.iowa.gov/radiological-health/radiological-health-application-permits, scroll down and expand the **Radon** section.

3.4 Continuing Education Requirements (IAC 641—43.3(10) & 43.7).

All certified measurement specialists must complete at least eight hours of department-approved CE biennially on either radon measurement, mitigation or a combination of the two.

If you have both an Iowa measurement specialist certification and an Iowa mitigation specialist credential you will need to complete a minimum or 6 hours of continuing education to renew each certification for a total of 12 hours. You cannot use the same class to renew both licenses unless it is a minimum of 12 hours or is combined with other approved CE hours that equal or exceeds 12 hours.

Department-approved CE courses are those that have been approved and accepted by the NRPP or the NRSB. Lists of approved continuing education can be found at the below websites:

- NRPP - nrpp.info/education-training/category-1-courses
- NRSB - www.nrsb.org/courses/continuing-education-courses