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Radon



2024 RADON MITIGATION SYSTEM STUDY

Frequently Asked Questions

These Frequently Asked Questions are provided to assist in understanding the 2024 Radon Mitigation System Study administered by the Department of Environment, Great Lakes, and Energy (EGLE) and its partners.

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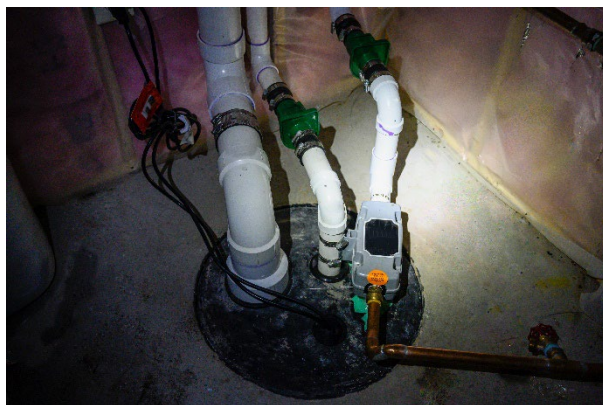
1. What is a radon mitigation system and how do I know I have one in my home?

Radon mitigation is any process or system used to reduce radon concentrations in buildings. The goal of a radon mitigation system is to reduce the indoor radon level as low as reasonably achievable. Radon mitigation systems should reduce radon below the United States Environmental Protection Agency (USEPA) action level of 4 picocuries per liter of air (pCi/L). A quality radon mitigation system may reduce year-round levels to below 2 pCi/L.



An active radon mitigation system consists of PVC pipe, (looks like plumbing pipe), a label containing information about the system and the installer, monitoring devices such as a U-Tube manometer and possibly an alarm, and a fan used to exhaust radon gas outdoors. The radon fan can be found on the home's exterior, or in the attic. The piping for a radon system usually starts in the lowest level of the home and is routed outdoors to the fan and exhausts above the roof edge.

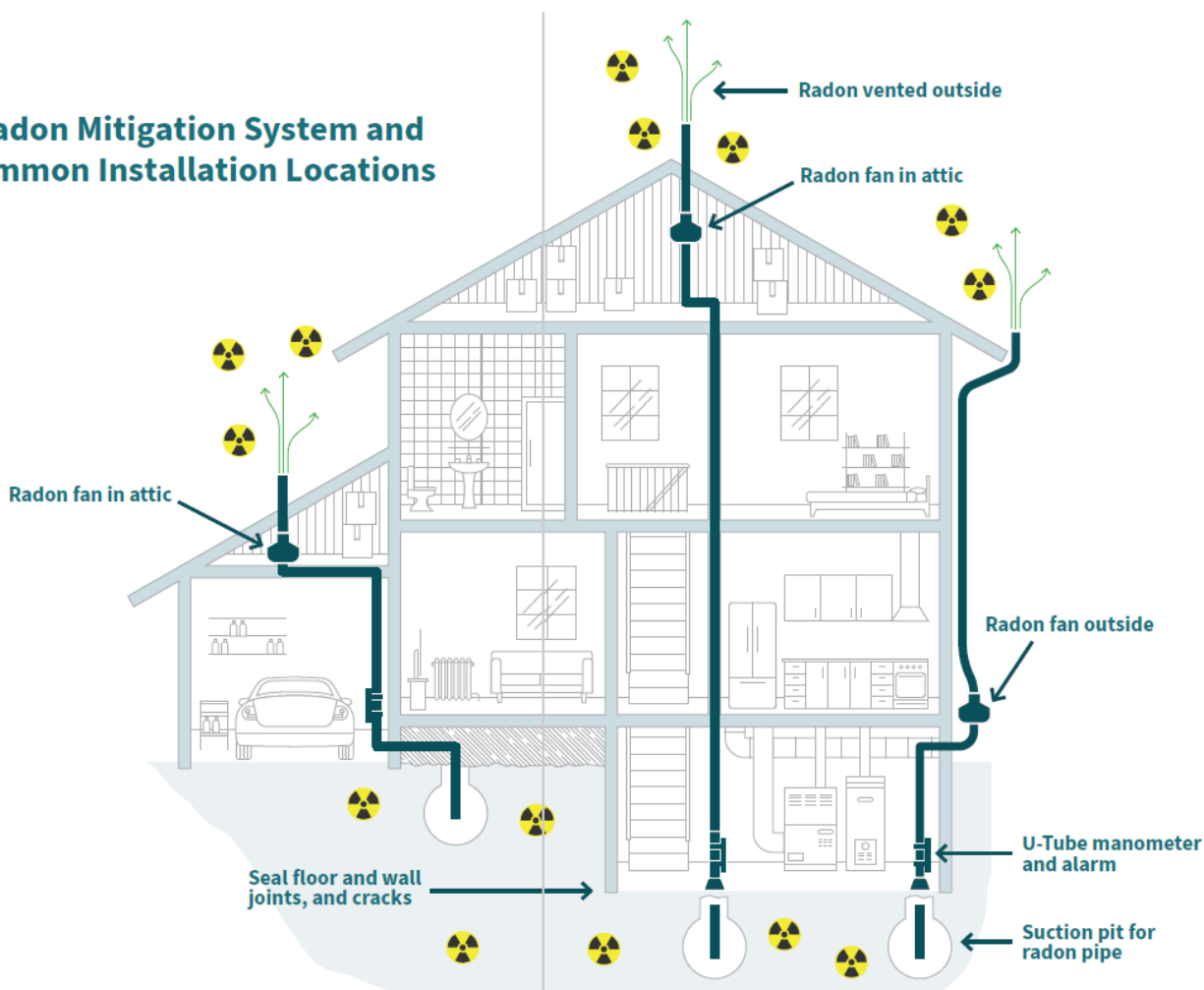
A passive radon mitigation system does not have a fan. These systems are in newly constructed homes in some areas of the state. Passive radon system piping also starts at the lowest level of the home and is routed through the home's interior and exhausts above the roof. Passive radon mitigation system piping may be visible in a home's basement or attic. There should be labeling on the pipe identifying it as part of a radon mitigation system. Note that a passive radon system can be activated by adding a fan. The radon fan would be installed in the attic.



For more information about radon mitigation systems, please visit Michigan.gov/Radon.

Refer to the following diagram for help in locating and identifying a radon mitigation system.

Radon Mitigation System and Common Installation Locations



2. What is the purpose of the radon mitigation study?

The purpose of the study is to determine radon mitigation effectiveness and overall build quality throughout the state. The radon mitigation system will be evaluated using the current national voluntary consensus standard: [Soil Gas Mitigation Standards for Existing Homes](#).

3. Who is eligible to participate in this voluntary study of radon mitigation systems?

To participate in this study, you must be the current homeowner and must occupy the home where the radon mitigation system is located. The selection process will prioritize homes with radon mitigation systems installed within the last 5 years. Efforts will be made to have a representative sample size across the state and include as many mitigators as possible. If you are the homeowner and are interested in having your radon mitigation system inspected free of charge, [please sign up for the study](#).

4. What types of radon mitigation systems will be evaluated in the study?

For this study, the only systems evaluated will be radon systems installed by radon mitigation contractors. Do-It-Yourself (DIY) radon mitigation systems will not be evaluated.

5. Does Michigan regulate the installation of radon mitigation systems?

The State of Michigan currently does not license, certify, or regulate radon professionals, or the mitigation systems they install. However, EGLE encourages the use of radon professionals who have been certified by the National Radon Safety Board ([NRSB](#)), or the National Radon Proficiency Program ([NRPP](#)) administered by the American Association of Radon Scientists and Technologists (AARST). Both certification bodies are recognized by the USEPA.

6. Am I required to have the radon mitigation system in my home inspected?

No. The radon mitigation system inspections will be conducted in homes provided voluntarily by homeowners who want to have their system inspected free of charge. The system must have been installed by a radon mitigation contractor. DIY radon mitigation systems will not be evaluated in this study. If you are interested in having your radon mitigation system inspected free of charge, [please sign up for the study](#).

7. Who will conduct the review of the radon mitigation systems during the study?

The radon mitigation system will be reviewed by a certified Soil Gas Mitigation Compliance Inspector selected by AARST, in partnership with EGLE. The AARST contractor(s) will review the mitigation system and generate a report for each inspection.

8. I have signed up for the radon mitigation system study. When should I expect to have my radon system evaluated?

Radon mitigation systems will be randomly selected for this study. Once selected, EGLE or its contractor, will contact you to obtain additional information, explain what to expect during the onsite review, and set up an appointment.

9. My radon system is not working and needs repair. Who do I contact for repairs?

There are a couple of options. First, review the radon mitigation system label (found on the vertical system pipe) to find the name and contact information of the system installer. If the information is not included on the label, contact EGLE's Indoor Radon Program at Radon@Michigan.gov or call 800-723-6642 for a list of certified radon contractors operating within the state of Michigan.

10. Will I be notified of findings discovered during the radon mitigation system study ?

Yes. Participation in this program is strictly voluntary. Inspection findings will be shared with the homeowner. In the event deficiencies are observed, it is the sole responsibility of the homeowner to resolve any issues. EGLE will not pursue enforcement for correction of deficiencies on the behalf of the homeowner. EGLE may share critical deficiencies, which could cause immediate harm, with local code enforcement officials. The scope of this program is limited only to the home's radon mitigation system. Permitting EGLE to perform this inspection does not obligate EGLE to repair a home's radon mitigation system or take any other action to address deficiencies identified.

11. Who is responsible for system repairs if issues are found during the study?

In the event deficiencies are observed, it is the sole responsibility of the homeowner to resolve any issues with the radon mitigation system installer. EGLE will not pursue enforcement for correction of deficiencies on the behalf of the homeowner.

12. The radon mitigation system installer is not available or no longer in business. Who do I contact for system repairs?

Please contact EGLE's Indoor Radon Program at Radon@Michigan.gov or call 800-723-6642 for a list of certified radon contractors operating within the state of Michigan.

13. Will the radon mitigation study only look at systems installed by certified contractors?

No. The radon mitigation system study will be conducted in homes provided voluntarily by homeowners who want to have their system evaluated free of charge. Radon mitigation systems will be evaluated regardless of the installer's certification status. However, DIY radon mitigation systems will not be evaluated during this study. Findings from the study will be used to develop training for all radon mitigation system installers.

14. I am a radon professional. May I volunteer some of my radon mitigation system installations for the study?

Yes, absolutely. Please work directly with your customers about volunteering their radon mitigation system for inspection. If your customers are interested in participating, they can [sign up for the study](#).

15. Who can I contact for more information?

Questions about participation in this voluntary radon mitigation system study can be directed to Les Smith, III, Indoor Radon Specialist, Radiological Protection Section, Materials Management Division, EGLE, by phone at 517-388-6913 or by e-mail at Radon@Michigan.gov.

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