This checklist will help ensure that an accurate and valid radon test was conducted in the facility. Use the following checklist as guidance.

- The CT Department of Public Health (CT DPH) recommends that you hire a qualified radon measurement professional to conduct radon testing. Visit the DPH Radon Program website for a list of nationally qualified radon measurement testing professionals: [http://www.ct.gov/radon](http://www.ct.gov/radon)

- Test for radon in the lowest frequently occupied areas of the facility. If the facility uses the basement level or the ground floor of a building, a minimum of one (1) radon test shall be conducted. One test per 2,000 square feet of open area is recommended.

- The testing must be completed between the months of November through April.

- Testing should not be conducted during unusual weather events. Severe rainstorms, snowstorms, and periods of unusually high winds can affect the level of radon in a building and skew test results.

- Closed-building conditions must be maintained for 12 hours before testing and throughout the test period (48+ hours). This means that all windows and doors to the outside should be kept closed for the entire test (with the exception of when people are leaving or entering).

- Test during weekdays or whenever the HVAC systems are operating normally.

- The test device should be placed at least twenty (20) inches above the floor, at least one (1) foot from exterior walls and at least three (3) feet from doors or windows. Do not test for radon in a kitchen, bathroom, or hallway. The device should not be placed in direct sunlight. The device should not be placed near drafts, furnaces, boilers, fireplaces, vents, or appliances.

- Do NOT move the radon test device after it has been placed. Disturbance of the radon test device will invalidate the test results.

- All radon tests must remain in place for a minimum of 48 hours. The lab cannot analyze a device unless it has been exposed for at least 48 hours. The test device must be retrieved and sent to the lab immediately upon completion.

- The CT OEC and the local health director shall be notified of the results and the results must be posted with the license. Mail a copy of the lab result to the CT OEC Childcare Licensing Unit.

If you have any further questions on radon testing, please contact the Radon Program at:

(860) 509-7299
The following flowchart contains the **State of CT Department of Public Health** recommended testing protocol for child day care centers and group day care homes.

Have the initial short-term radon test performed

- **If the result is less than 4 pCi/L***
  - A follow-up test is not necessary at this time.
  - If your initial result is close to 4 pCi/L, consider re-testing.
  - Consider retesting in the future if structural or mechanical modifications are made to the facility.

- **If the result is greater or equal to 4 pCi/L***
  - Conduct a follow-up test in the same location within one month.
  - Average the results of both the initial and follow-up short-term test results.

Is the average test result **greater or equal** to 4 pCi/L?

**NO**

- Follow-up action is not needed.
  - Even if the average test result is less than 4 pCi/L, consider testing again in the future if structural or mechanical modifications are made to the facility.

**YES**

- A radon mitigation system is needed to reduce radon levels.
  - Hire a qualified residential mitigation service provider. See the CT DPH Radon Program website for a list of professionals: www.ct.gov/dph/radon

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* Radon is measured in units called “picocuries per liter” or pCi/L.

*Updated May 2016*