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Residential Inspector of America Radon Inspection Report

Client: Sample Client
Property Address: 123 Sample Street, Atlanta, GA 30000
Overall Radon Average: 3.2 pCi/l
Testing Dates: 01/01/2015 - 01/03/2015
Test Location: Basement
Detector Manufacturer: Sun Nuclear
NEHA Certification: 104783 RT

Explanation of Radon Gas

Radon Gas is a Carcinogen and is considered a national health problem. Radon is a colorless, odorless, tasteless gas that occurs naturally everywhere. The gas is produced from radium, which is formed by the decay of uranium. Radon is present in all homes, regardless of when it was built or what type of foundation it has. New homes and homes built on slabs are often mistaken as radon-free. Radon is the second-leading cause of lung cancer, after smoking, causing approximately 21,000 deaths per year in the United States. Smokers and former smokers are at a greater risk when exposed to radon. A person's chance of getting lung cancer from radon also increases with the level of exposure.

Purpose of this Inspection Report

To provide a professional opinion of a structure's radon level at the time of the test period, limited to the conditions identified in this report.

EPA Explanation of Test Results

The U.S. Environmental Protection Agency (EPA) and the Surgeon General strongly **recommend taking further action when the home's radon test results are 4.0 pCi/l (picocuries per liter of air) or greater.** Radon levels less than 4.0 pCi/l still pose some risk and in many cases can be reduced. The national average indoor radon level is approximately 1.3 pCi/l, while outdoor radon levels average 0.4 pCi/l.

Interpreting Test Results

A radon test should reflect the amount of radon in the air for normal living conditions. If a home has an average radon level of 4 pCi/L or higher, the EPA recommends taking action to reduce these levels. A second radon test may be beneficial in getting a better representation of the seasonal average. In the event of a high-level test result, the EPA suggests calling the National Radon Information Hotline at 800-767-7236 for a list of state certified radon mitigation contractors. Radon reduction may include sealing cracks and openings and/or the use of vent pipes and fans to prevent radon gas from entering the home.

Limitations of Liability

RIA Solutions cannot guarantee that the necessary conditions were maintained during the test period. There can be uncertainty with any radon measurement due to statistical variations and other factors such as changes in the weather and operation of the dwelling. While we make every effort to maintain the highest possible quality control and include checks and verification steps in our procedures, we make **NO WARRANTY OF ANY KIND, EXPRESSED OR IMPLIED**, for the consequences of erroneous test results. The Residential Inspector of America, nor its employees or inspectors, will not be liable under any claim, demand, fee, or expense of any nature or kind arising out of, connected with, results from, or sustained as a result of any radon test.

If you have any questions about this report, please call our office at (770) 476-4963. Thank you.

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