



MONITOR CERTIFICATION

Gregory Enterprises, Burlington, NC USA

OVERVIEW

1. Calibration Procedure

RadonPRO Continuous Radon Monitor

Unit Serial Number: _____

Calibration Chamber: _____

The **RadonPRO** unit was placed in an **INSPECTOR NATION** certified calibration chamber designed to measure activity concentration of Radon-222 in air, and designed based on current ASTM, EPA (EPA 402-R-95-012, EPA 402-R-92-003, EPA 402-R-92-004), and Inspector Nation (IN-RN-CRS-001) standards. **INSPECTOR NATION** is North Carolina's largest Professional Organization for Home Inspection and Radon Inspection.

A flow-through source containing an NIST standard Radium source (SRM 4969) is utilized to adjust radon concentration in a stainless-steel chamber through a single injection of radon-222 gas.

2. Calibration Results

Utilizing the calibration chamber, a linear correction factor was determined and applied internally through the software of the **RadonPRO** unit. This ensures that the correct readings will be displayed on the monitor and the associated PDF reporting without the need for additional or external corrections.

The continuous radon monitor was calibrated as to manufacturer specifications to ensure accuracy in measurement and calibration. The frequency of calibration of continuous radon monitors may vary due to variations in national and local requirements, however in accordance with EPA recommendations, **RadonPRO** mandates that their monitors receive an annual calibration. This calibration history is tracked through the **RadonPRO** companion application, and enables restriction of monitor usage when the calibration period has expired.

After a 24 hour testing period, the uncertainty in measurement of this **RadonPRO** continuous radon monitor was shown to be < 20%.

3. Calibration Date

Calibration Date: _____ Calibration Expiration: _____

Technician Signature: _____

RadonPRO Continuous Radon Monitors, Burlington, NC 27215

<http://radonpromonitors.com/>

INSPECTOR NATION, Burlington, NC 27215

<http://inspectornation.com/>

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