PROFESSIONAL

RADON TECHNICAL SERVICES

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Radon
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SoBran INC.

ENGINEERING
Together, strengthening our nation.

NRPP™ National Radon Proficiency Program

RADON: COLORLESS. ODORLESS. DANGEROUS.

Help protect those who serve from the second leading cause of lung cancer by providing the very best radon detection and mitigation services available!

Why SoBran Radon Technical Services?

You can trust the **primary provider** for the U.S. Government since 1997 while benefitting from the extensive knowledge base you need in a single source. SoBran's clients include:

US Department of Defense | US Department of Energy | US Postal Service

Our subject matter experts have assisted in the research for development and implementation of the US Navy's guidebooks on radon for both housing and non-housing.

All SoBran personnel are certified National Radon Proficiency Program (NRPP) testing and mitigation providers.

What Services Does SoBran Provide?

The Five Components of Radon Technical Services:

1. Testing
2. Diagnostics
3. Mitigation Design
4. Radon Resistant New Construction (RRNC)
5. Mitigation Installation

Testing for Radon

Testing consists of the placement, retrieval, and analysis of various radon testing devices. Devices SoBran has used include charcoal canisters, Alpha tracks, Ion-chamber Electrets, and Continuous Radon Monitors. These are placed in every ground contact room of a building and in individual housing units. Then, they are analyzed either by the manufacturer's laboratory or in-house to determine if radon levels are above the EPA action level.

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To date, SoBran has conducted over 200,000 radon testing measurements in single and multi-family housing units, as well as non-housing buildings up to 1,000,000 square feet in size. These testing events range in size from 500 rooms/units to 5,000 rooms.

Diagnostics and Mitigation Design

Diagnostics are scientific tests that assist in the selection of a radon mitigation approach. SoBran is well experienced in all the various diagnostic techniques to determine the correct mitigation method, the most common of which is Active Subslab Depressurization (ASD). However, some buildings require novel mitigation approaches, such as HVAC balancing, repair, upgrade, replacement, Energy Recovery Ventilation (ERV), and Dedicated Outside Air System (DOAS).

Radon Resistant New Construction (RRNC)

SoBran has designed Radon Resistant New Construction (RRNC) for new building projects in order to create a structure that is resistant to entry of radon gas. Building with the end in mind can provide a healthy indoor air environment from the start. Furthermore, there are numerous "Green Building" benefits which include possibly meeting NAHB, EPA/Energy Star, U.S. Green Building Council LEED-H requirements, as well as an increasing amount of state and local regulations.

RRNC design consists of designing a radon mitigation piping system layout to be included in new construction, allowing for easier mitigation if testing identifies high radon levels in the building. SoBran is experienced in RRNC design, installation, post-installation evaluation and system activation. In cases where traditional RRNC approaches were not viable, SoBran pioneered mechanical solutions which impeded radon entry into the building.

Mitigation

SoBran has successfully installed thousands of ASD systems in family housing and large single to multi-story nonresidential buildings, up to four stories, worldwide.

In cases where ASD was not feasible, mitigation approaches have included reworking of building mechanical systems, DOAS or ERV installation, and other innovated approaches.

We are very experienced in working in sensitive areas, such as telecommunications facilities, computer rooms, armories, bunkers, and Secure Compartmented Information Facilities (SCIF).

SoBran INC.

THE INDUSTRY'S LEADING PROVIDER OF RADON TESTING AND MITIGATION SERVICES

Let us show you how our continued commitment to quality, efficiency and service can help you realize your goals.

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