

Radon Training Programs and Examinations

Continuing Education Credit Workshops for Certified Radon Specialists

July 2009 – Nashville, Tennessee

Sponsored by the Tennessee Radon Program

RADON is a colorless, odorless and tasteless cancer-causing radioactive gas that comes from the natural decay of uranium found in different types of soils, rock and some groundwater. Because it is a gas, it can migrate toward the surface and enter homes, schools and workplaces through openings in the foundation. The National Academy of Science, the Surgeon General's Office and the US Environmental Protection Agency (USEPA) indicate that radon is second only to smoking as a cause of lung cancer and that radon causes approximately 21,000 lung cancer deaths per year in the US.

Although lung cancer can be treated, the survival rate is one of the lowest of all types of cancer. See more information at USEPA website: <http://www.epa.gov/iaq/radon/>. USEPA recommends all Americans to test their homes and fix or mitigate homes with radon levels of 4.0 pCi/L or greater. Because there is no known safe level of exposure to radon, EPA also recommends that Americans consider fixing or mitigating their homes for radon levels between 2 pCi/L and 4 pCi/L.

There is a concerted public awareness campaign underway to alert Tennessee residents to the risks posed by this cancer-causing gas. As this campaign takes hold, there will be an increasing demand for radon measurement and mitigation services in Tennessee. The Tennessee Radon Program recognizes this need and will sponsor the radon trainings, examinations and CE classes in Nashville, conducted by the Southern Regional Radon Training Center.

Radon Measurement Training

July 15-16, 2009

Radon Measurement Exam – July 17, 2009

This training helps to prepare students to conduct competent radon measurement tests in residential settings and to interpret results for clients. The training helps students to prepare for the radon measurement exam. All registrants will receive a confirmation package with logistical details. Typically *home inspectors, environmental consultants, pest control inspectors, public health officials, and real estate professionals* will attend this training. Some of the topics might include:

- Basics of radon entry and behavior
- Physics of radon
- Health effects of radon
- Radon measurements
- Quality assurance and quality control
- Radon measurement device protocols
- Radon and water
- Basic radon mitigation strategies

For more information about radon in Tennessee, contact TDEC and the Tennessee Radon Program



Tennessee Radon Program

711 R.S. Gass Blvd
Nashville, TN 37216
800-232-1139

www.tn.gov/environment/ea/radon

Karst Measurement & Mitigation One-Day Workshop

July 17, 2009 – Nashville, Tennessee

This workshop offers certified measurement and mitigation specialist the opportunity to be active learners by highlighting hands-on instruction in procedures for some difficult-to-mitigate houses in karst areas. The influence of karst geology on radon behavior can be problematic for radon measurement and mitigation practitioners, and may adversely impact their ability to provide competent services to their clients. Specifically, standard measurement strategies may not adequately characterize the need for mitigation or the effectiveness of a mitigation system. Standard mitigation strategies may not adequately reduce indoor radon concentrations. Materials for this informative workshop are based on the findings from the House Investigation Training project conducted in Livingston, Tennessee and other investigations in karst areas. Mitigation strategies were developed for structures influenced by karst geology. Several states have specialized radon measurement guidance for karst areas. Certified radon specialists will receive eight hours of credits.

Quality Assurance and Quality Control Workshop

July 18, 2009 - Nashville, Tennessee

This course is a workshop rather than a lecture class to get participants involved with worksheet activities to gain the knowledge for creating and implementing a quality assurance plan for a radon measurement business. The objective of this workshop is to familiarize participants with the purpose and intent of your quality assurance plan and to increase confidence in your radon measurements. When you apply the principles of quality assurance, you will realize the benefit of improved radon measurements and can be more aware of why conditions may cause errors in your measurements.

The workshop will offer participants an opportunity to:

- *Create and implement a quality assurance plan for your radon measurement business*
- *Learn necessary elements of a quality assurance plan to increase confidence in radon measurements*
- *Cover essential elements required by Radon Proficiency Program for a quality assurance plan*

Radon Mitigation Training July 20-23, 2009

All Participants for Mitigation Training Must Have Already Taken the Measurement Training

Radon Mitigation Exam - July 24, 2009

The mitigation training will offer participants to receive the knowledge to conduct radon mitigation services in residential settings. The hands-on demonstrations and training will typically provide the knowledge and skills for participants to perform diagnostics, system design and installation of a residential mitigation system. Some of the topics include:

Radon Occurrence and Health Effects
Building Investigation and Diagnostics
Worker Health and Safety
Standard Radon Mitigation Strategies

Radon Entry and Behavior
Mitigation System Design and Installation
Radon Resistant New Construction
Business Practices and Regulation

Please Note that to participate in the Mitigation Training, you MUST have taken the Measurement Training

Radon Certification Programs

To become a certified radon specialist, you must take the training, pass the radon proficiency exam, apply for certification and be accepted with one of the radon proficiency programs. **IMPORTANT!!** Participants must indicate on their registration form which radon proficiency program they wish to become certified, as each program has its own exam.



The National Environmental Health Association National Radon Proficiency Program (NEHA/NRPP) is one of the national radon proficiency programs. Contact Angel Price at 800-269-4174 or check the website www.radongas.org for more information on becoming certified with NEHA/NRPP.

The National Radon Safety Board (NRSB) is an independent organization, governed by a certification panel for radon certifications. Contact NRSB at 866-329-3474 or check the website www.nrsb.org for more details.

REGISTRATION PROCESS

Please complete registration form, check appropriate box and send registration to **SRRTC-AUBURN UNIVERSITY**. All registrants will receive a confirmation package which may include study materials, hotel and meeting space logistics.

| | DATES | Training Program-Exam | LOCATION | REG FEE |
|--------------------------|-------------------------|--|-----------|--|
| <input type="checkbox"/> | July 15-16, 2009 | Radon Measurement Training | Nashville | TN Resident - 100 Non TN - 200 |
| <input type="checkbox"/> | July 17, 2009 | NEHA/NRPP Measurement Exam | Nashville | NEHA/NRPP Exam - 125 |
| <input type="checkbox"/> | July 17, 2009 | NRSB Measurement Exam | Nashville | NRSB Exam - 125 |
| <input type="checkbox"/> | July 17, 2009 | Karst Measurement and Mitigation One-day Workshop | Nashville | Registration Fee - 100 |
| <input type="checkbox"/> | July 18, 2009 | QA/QC Workshop | Nashville | Registration Fee - 100 |
| <input type="checkbox"/> | July 20-23, 2009 | Radon Mitigation-Hands On | Nashville | TN Resident - 200 Non TN - 300 |
| <input type="checkbox"/> | July 24, 2009 | NEHA/NRPP Mitigation Exam | Nashville | NEHA/NRPP Exam - 125 |
| <input type="checkbox"/> | July 24, 2009 | NRSB Mitigation Exam | Nashville | NRSB Exam - 125 |

Name _____
First name
MI
Last Name
Nick-name (other than first)

Company _____ Social Security _____
(use last 4 digits)

Address _____

City _____ State _____ Zip+4 _____

Bus Phone _____ Fax Ph _____ E-Mail _____
 Payment () Check (payable to Auburn University) () VISA () MasterCard

Credit Card Number _____ Expiration Date _____

Name on Credit Card _____

Please Complete Registration – Mail with payment or Fax Forms and Mail Check or register online to Receive Confirmation to:

Jan Carrington - SRRTC – Auburn University
217 Ramsay Hall
Auburn AL 36849-5376
Phone 800-446-0382 or Fax 334-844-5715
E-mail: carricj@auburn.edu or website www.engce.auburn.edu

ATTENTION
Home Inspectors – Pest Control Experts
Environmental Consultants – Health Officials
Certified Radon Specialists



*Checkout the Upcoming Tennessee
Radon Trainings*

