Radon Measurement Training & Exam  
August 22-24, 2006  
Greensboro, North Carolina  

Continuing Education Credit Courses Also Offered!

<table>
<thead>
<tr>
<th>Advanced Diagnostics &amp; System Design Workshop</th>
<th>Quality Assurance/Quality Control Workshop</th>
</tr>
</thead>
<tbody>
<tr>
<td>8 CEU’s</td>
<td>8 CEU’s</td>
</tr>
</tbody>
</table>

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 United States.

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/](http://www.epa.gov/iaq/radon/). 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. Problems may arise when radon concentrations reach high levels in areas where people spend large amounts of time. Testing is the only way to know if you or your family may be at risk from high radon levels. EPA and the Office of the Surgeon General recommend that all homes below the third floor be tested for radon. EPA recommends mitigating homes with high levels of radon.

A concerted public awareness campaign continues to alert North Carolina residents to the risks posed by this cancer-causing gas. As the campaign continues to take hold, there will be an increasing demand for radon measurement and mitigation services in North Carolina. The NC Radon Program, based in the NC Radiation Protection Section of NCDENR recognizes the need for the certified measurement specialists in North Carolina and will offer the Radon Measurement Training and Exam.

**North Carolina Radon Program**

The trainings and exam will be sponsored and subsidized by the North Carolina Radon Program and the Guilford County Public Health Department which will allow North Carolina residents to participate in the trainings and exam at reduced registration fee. **Talytha Moore** is the radon educator for the North Carolina Radon Program. Contact Ms. Moore at (919) 571-4141 or email:talytha.moore@ncmail.net.

**Pam Spence** is the radon educator for the Guilford County Public Health Department and will co-sponsor this training with NCDENR. Contact Ms. Spence by email:pspence@co.guilford.nc.us or phone (336) 641-4102.

Discounts may be provided to ASHI, NACHI and other inspector associations as requested.
This training prepares participants to conduct competent radon measurements in residential settings and to interpret results for clients. It also prepares the student to sit for the national radon proficiency certification exam. Some of the topics covered include:

- Basics of radon
- Health effects of radon
- Radon measurements
- Quality assurance/quality control
- Radon measurement devices/protocols
- Basic radon mitigation techniques

Typically home inspectors, environmental consultants, public health officials and real estate professionals attend the training. USEPA and states encourage participants to pass the measurement exam and apply for certification. Continuing education credits have been approved by home inspector associations.

### Quality Assurance & Quality Control Workshop

**August 25, 2006 - 8 hours of CE credits**

This training is a workshop rather than a lecture class. The objective of this workshop is to familiarize you with the purpose and intent of your quality assurance plan and to increase confidence in your radon measurements. By applying the principles of quality assurance, you will realize the benefit of improved radon measurements and be more aware of the conditions causing error in your measurements. QA/QC is part of the requirements when certified. This one-day training workshop offers continuing education credits with the NEHA National Radon Proficiency Program and is recommended for measurement specialists to add to their credentials.

### Advanced Diagnostics & System Design Workshop

**August 25, 2006 - 8 hours of CE credits**

This training workshop will offer details on advanced system diagnostics (ASD) methods which treat ASD systems as air-handling systems, and incorporates air-handling system design principles into the process of determining the ASD system mechanical performance requirements. It will also provide details for the selection of appropriate system components to meet those requirements, and the verification of the proposed system's operational characteristics. Use of this method ensures that installed systems will perform as predicted in terms of airflow and pressure field extension. This workshop will provide an opportunity to receive valuable information on ASD methods.

### National Radon Proficiency Programs

The National Environmental Health Association’s National Radon Proficiency Program (NEHA/NRPP) is a national radon proficiency program. Most of SRRTC trainings have been approved for CE credits through NEHA/NRPP. Contact Angel Price (800) 269-4174 or check the website www.radongas.org for more information on becoming certified.

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.
The Southern Regional Radon Training Center (SRRTC) is one of the four USEPA regional radon training centers (RRTCs) established by Congress in the Radon Abatement Act of 1988. SRRTC partners with USEPA and State Radon Programs to offer quality radon training and exams. SRRTC recognizes the NEHA/NRPP and the NRSB certifications. Contact Jan Carrington, SRRTC Program Manager by email:janc@eng.auburn.edu or call (800) 626-2703 or (334) 844-5719.

Please complete the registration form and return to SRRTC at Auburn University to receive a confirmation. You must be pre-registered to attend any of the trainings or the exam.

SRRTC/Auburn University reserves the right to cancel any program or exam due to insufficient enrollments. If canceled for any reason by the SRRTC, all fees will be refunded. Due to commitments to our instructors and facilities, the complete registration fee is not refundable if a registrant withdraws less than five business days before the program or exams. No shows will be liable for a portion of the course fee. SRRTC or the NC Radon Program will not responsible for any travel related expenses incurred as the result of a canceled program.

All registrants will receive a confirmation. Measurement training and exam registrants may receive a confirmation package which will include study materials, agenda and logistical information.

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REGISTRATION FORM

Greensboro, North Carolina

(    ) Radon Measurement Training – August 22-24, 2005 – North Carolina Resident -- $100
(    ) Radon Measurement Training – August 22-24, 2005 – Non NC Resident -- $275
(    ) Radon Measurement Exam – August 24, 2006 – All - $100

(    ) QA/QC Workshop – August 25, 2006 – North Carolina Resident -- $50
(    ) QA/QC Workshop – August 25, 2006 – Non NC Resident - $75

(    ) Advanced Diagnostics Workshop – August 25, 2006 – Non NC Resident - $75

Name________________________________________________________Social Security # ___________________________Last 4 digits

First MI Last

Employer or company __________________________________________

Mailing Address ____________________________________________

City________________________State________________________Zip+4________________________

Bus. Phone________________Bus. Fax __________________E-mail __________________

Payment by: (    ) Visa (    ) MasterCard (    ) Check ________________________________

(Please make check payable to Auburn University)

Credit Card # ____________________________ Exp. Date ________________

Cardholder’s Name __________________________________________Signature __________________

Please forward registration form and payment to:

Jan Carrington
Southern Regional Radon Training Center – Auburn University
217 Ramsay Hall
Auburn, AL 36849-5376
Phone: (800) 626-2703 or (334) 844-4370 or Fax: (334) 844-5715
www.bece.auburn.edu/srrtc or E-mail: janc@eng.auburn.edu