

# Radon-Resistant New Construction

August 4, 2009 – 8:30am to 12:30pm

Registration/Continental Breakfast – 8:00am

Course Code: EA1101CA10

PSATS Training Center, 4855 Woodland Avenue, Enola, PA 17025

Fee – Only \$25 per person

Co-sponsored by the PA Construction Codes Academy  
in cooperation with Spruce Environmental Technologies

*Funding provided by the PA Department of Environmental Protection*

This four-hour program is designed for builders, code inspectors and engineers throughout Pennsylvania to provide a better understanding of the market benefits of radon-resistant new construction (RRNC) installation, and how to properly install these systems.

## **PROGRAM TOPICS**

**Radon-Resistant New Construction (RRNC) and the Green and Energy Star Building Movements:** Explore current green building efforts by the US Green Building Council Program and the National Association of Home Builders Green Home Building Guidelines, as well as the Indoor Air Package (IAP) offered by the US EPA's Energy Star Program.

**The Power of Green and Energy Conservation:** With a skyrocketing awareness of the green movement in the United States, you need to be able to respond to the demand for green and Energy Star.


**Current RRNC Standards:** Refresh your knowledge of IRC - Appendix F and NAHB Green Building Guidelines.

**Radon in Homes:** A negative pressure dynamic and other exacerbating factors produce radon. Learn more about radon in *your* area, and how to limit its effects.

**Proper Installation of RRNC:** From sub-slab application, sealing and piping to exhaust, labeling and testing, here is how to properly install and activate an RRNC system.

**Added Benefits of Moisture Removal with Active Systems:** There is a direct correlation between radon soil gas entry and water vapor entry. Review test results for moisture removal to better understand the benefits.

**Marketing the Benefits of the System:** Properly training your agents to utilize Energy Star IAP and Green Building publicity will produce a higher level of satisfaction for both you and your customers.



4 Continuing  
Education Units  
for Builders and  
Construction  
Code Officials!

# - Radon-Resistant New Construction -

## PROGRAM OBJECTIVES

- Place RRNC in the context of major movements in the current building arena, Green Building and Energy Star, and connect these programs to increased market share
- Clarify the current RRNC standards - IRC Appendix F and NAHB Green Home Building Guidelines
- Describe the pressure dynamics that allow radon to enter a home
- Train builders on proper installation of RRNC
- Describe common RRNC installation mistakes - why they are mistakes and how to correct them
- Ensure testing is completed prior to making claims for the system
- Clarify when (and how) the system must be activated
- Specify the roles of builder, professional mitigator, and professional tester in the process per Pennsylvania law
- Demonstrate the benefits of activating the system, such as moisture control
- Offer examples of effective marketing approaches for installed RRNC

### Phone

(732) 932-9271  
M-F, 8am – 4:30pm

### Fax

(732) 932-8726

### Mail

Registration Desk,  
NJAES OCPE,  
Rutgers, The State  
University of NJ,  
102 Ryders Lane; New  
Brunswick, NJ 08901

### Online

[www.cpe.rutgers.edu](http://www.cpe.rutgers.edu)

Pennsylvania RRNC Training • EA1101CA10 • \$25 • Enola, PA

Name \_\_\_\_\_ Job Title \_\_\_\_\_

Employer \_\_\_\_\_

Mailing Address \_\_\_\_\_

Zip \_\_\_\_\_ City \_\_\_\_\_ State \_\_\_\_\_

Work \_\_\_\_\_ Home \_\_\_\_\_

Fax \_\_\_\_\_ Cell \_\_\_\_\_

E-mail \_\_\_\_\_

Check, money order or PO, *payable to:* Rutgers, The State University of NJ

Charge to my credit card  VISA  MC  AMEX

Card Holder (*printed*) \_\_\_\_\_

Signature \_\_\_\_\_

Card # \_\_\_\_\_ Exp. Date \_\_\_\_\_

Billing Address Zip Code (*required*) \_\_\_\_\_