

# Instructions for the Project Short Term Charcoal Radon Test

The AccuStar Charcoal Liquid Scintillation (CLS) and Charcoal Canister (AC) devices are used to test radon in air for 48 – 96 hours (2 – 4 days). They include:

- Instructions and Datasheet
- CLS or Canister type devices

***DO NOT OPEN THE DEVICES UNTIL YOU ARE READY TO TEST.***

## 1. CHOOSE THE ROOMS TO TEST

The US EPA recommends you test the lowest level of the building, with ground contact, that is frequently used. Test in a room used for living space, or as a classroom, office, laboratory, cafeteria, library, gymnasium or auditorium. Do not test in a kitchen, laundry area, bathroom, crawl space, furnace room, hallway, elevator shaft, stairwell or closet.

**QC Measurements** You will need to place an additional 15% of the total number of devices for quality assurance measurements. 10% of the total tests are duplicate tests. To perform a duplicate test, open and place two devices side by side, 4" apart. 5% of the total tests are blank tests. To perform a blank test, place the device in testing area but do not open it.

**Write all Device Numbers and matching building information, including the rooms you test, on the Datasheet.**

**Establish closed building conditions for 12 hours prior to starting the test, and maintain them for the test period.**

## 2. START THE RADON TEST

- Start your test before the expiration date** shown on the device or test results will be invalid.
- When you are ready to start the test**, unscrew and remove the plastic cap, or untape and remove the metal canister lid. Save the plastic cap, or metal lid and tape. As soon as you open the device the test has begun. Reminder: for a blank test, do not open the device.
- Write the test Start Date** on the Datasheet.

## 3. PLACE THE RADON DEVICES

**Hang or place each device** at least three feet away from exterior doors or windows and at least two feet off the floor.

**Leave all devices in place and undisturbed for at least 48 hours and no more than 96 hours.** Exposures that are outside these times will cause invalid results and you will need to retest.

## 4. END THE RADON TEST

After 48 hours, replace the plastic cap, or the metal lid. Wrap the tape around the metal canister to seal the seam where the lid and base of the can meet. **Write the test Stop Date/Time** and other required information on the Datasheet.

## 5. RETURN THE DEVICES WITH DATASHEETS TO THE LABORATORY PROMPTLY

**Make sure the Datasheet is complete and keep a copy. We must receive the devices within 8 days from the test Stop Date and Time or results will be invalid.** Place up to 10 devices together with the matching Datasheet in a plastic "zip top" bag. Send the bagged devices and Datasheets to the lab. Please note that 1<sup>st</sup> Class Mail is not guaranteed. AccuStar will not replace lost devices.

### INFORMATION ABOUT TEST REPORTS

AccuStar sends Reports via email the next business day after we receive your devices. You may access your test results on our website [www.accustarlabs.com](http://www.accustarlabs.com) or by 24-hour, toll-free telephone 888-404-3144. You will need device numbers with corresponding test address zip code in order to access your test results.

If information is missing from the Datasheet or you need to make a change to your Report, you may request an Amended Report. You must request an Amended Report and provide new or changed information in writing. No verbal information will be accepted. AccuStar will issue the Amended Report within 5 business days after we receive your request.

AccuStar can issue a Same-Day Amended Report for a fee of \$20.00 per report. To issue a Same-Day Amended Report we must receive, in writing, any changed or new test information, and payment by credit card before Noon, Eastern Time. We are open 8:30 am to 5 pm, Eastern Time, Monday-Friday.

