

Short Term Radon in Air Project Testing Instructions

The AccuStar Liquid Scintillation (LS) and Charcoal Canister (PC400) devices are used to test radon in air for 48 – 96 hours (2 – 4 days).

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. ANSI-AARST testing protocols for multifamily, schools, commercial, and mixed-use buildings can be found at <http://standards.aarst.org>

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.

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

2. START THE RADON TEST

a. Start your test before the expiration date shown on the device or test results will be invalid.

b. When you are ready to start the test, unscrew and remove the plastic cap, or remove the tape and 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.

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 a minimum of 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.

5. RETURN THE DEVICES TO THE LABORATORY PROMPTLY

Send the devices to the lab so that they arrive within 4 days from the end of test. Devices taking longer than 7 days from the test Stop Date and Time will have invalid results. Please note that 1st Class Mail is not guaranteed.

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. You will need device numbers with corresponding test address zip code in order to access your test results.

Using either the AccuStar spreadsheet template or AccuStar Pro App, submit your testing data to the laboratory prior to the arrival of the test devices. If information is missing from the data submission or if you need to make a change to your report, you may request an amended report. Amended reports must be requested in writing. Verbal amendment requests cannot be accepted. AccuStar will issue the Amended Report within 5 business days after we receive your request.

Electronic Data Entry Instructions

AccuStar offers two options for electronic project data submission: an Excel spreadsheet (also usable with Google Docs) and an app accessible on mobile devices and tablets.

Spreadsheet

To access the pre-formatted spreadsheet, go to accustarlabs.com and click "Professional Login."

Once logged in, scroll to the bottom of the page and click "Download" under "Download Template." Open the file. (You may need to click "Enable Content.")

Enter all of the information in the first sheet.

Navigate to the "Test Device Data" sheet at the bottom of the page. Fill out each column for each device. All fields are required.

If you are testing in Florida or New Jersey, fill out the relevant sheet.

Please note that all fields are required. Do not delete any rows or columns or the data will not import to our system.

When you have completed the project, send the completed spreadsheet to datadelivery@accustarlabs.com. This is an automated inbox and your information will be uploaded into our database.

Pro App

The AccuStar Pro App is available on the Google Play store for Android devices. If using an iOS device, navigate to proapp.accustarlabs.com to access the app.

Launch the app. Enter your company's username and password, the same information that you use to log in at accustarlabs.com. If you do not know your login information, contact customer service.

Follow the testing instructions on the app.

Once you have completed testing, click the three dots in the upper right corner of the screen and click "Send to Lab." Click "Send" again in the upper right corner.

Find complete instructions for the app at accustarlabs.com