

## ALPHA COUNTER SURVEY QUESTIONS

### **IF YOU DON'T OWN AN ALPHA COUNTER AT THIS TIME:**

**Why do you need to make measurements (outgoing product quality control, incoming material quality control, process control, or other)?**

**Approximately what dollar value of materials need to be certified per year?**

**What form will the samples be in (Pure lead (sheet, powder, shot, ?), plated lead, other)?**

**What emissivity level are you interested in measuring (0.005, 0.001, 0.0005, 0.0001 alpha/cm<sup>2</sup>/hr)?**

**NEXT: Please answer ONLY section A or B below**

### **A) IF YOU ARE PAYING A COUNTING LAB FOR MEASUREMENTS**

**How many measurements/year do you make?**

**Approximately what is the cost per measurement?**

**How many measurements would you make if you owned a counter and there was no added cost per measurement?**

**Are you experiencing any problems with their measurements? Please describe.**

**How do you certify the accuracy of their results?**

**Are you happy with the reports they provide. If not, what more would you like to get?**

**How do you package the samples so that they don't get contaminated by Radon in the air between the time you make the sample and the time it is in the instrument to be measured?**

## ALPHA COUNTER SURVEY QUESTIONS

### **B) IF YOU DON'T HAVE A COUNTER BUT DO NEED TO START MAKING ALPHA MEASUREMENTS**

**What is the minimum number of measurements you will need?**

**How many measurements would you make if you owned the instrument and there was no added cost per measurement?**

**In view of the dollar value of the materials that need certification, what is a reasonable price per measurement?**

**What features are most important for installing and operating your own instrument?**

**What skill level person will probably make the measurements (Technician, Bachelor's Degree, Master's Degree, Ph.D. Degree)?**

**What information do you want to get in a measurement report?**

**How much time is acceptable per measurement (explain that small samples are easier to make but take longer to get good statistics on) (4 hours, 8 hours, 16 hours, 1 day, 2 days)?**

**ANY OTHER COMMENTS?**

## ALPHA COUNTER SURVEY QUESTIONS

### **IF YOU ALREADY OWN AN ALPHA COUNTER AT THIS TIME:**

**Why are you making measurements (outgoing product quality control, incoming material quality control, process control, or other)?**

**Approximately what dollar value of materials need to be certified per year?**

**What form will the samples be in (Pure lead (sheet, powder, shot, ?), plated lead, other)?**

**What emissivity level are you interested in measuring (0.005, 0.001, 0.0005, 0.0001 alpha/cm<sup>2</sup>/hr)?**

**What is the Manufacturer and Model number of your current counter?**

**How long have you owned it?**

**How many measurements/year do you make with it? Is that enough?**

**Are you satisfied with the following: (if "No", please indicate what you would like instead)**

**Its measurement limits?**

**Its accuracy?**

**Its measurement times?**

**Its ease of use?**

**The data it reports?**

**The level of skill required by the operator?**

## ALPHA COUNTER SURVEY QUESTIONS

**What did the counter cost? Does this result in a reasonable amortized cost per measurement?**

**How do you handle the samples so that they don't get contaminated by Radon in the air between the time you make the sample and the time it is in the instrument to be measured?**

**What features would you really like to see in an improved instrument?**

**ANY OTHER COMMENTS?**