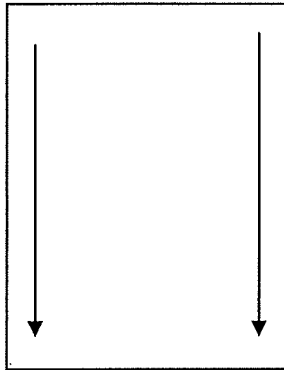


Surface Dust Wipe Sampling for Lead

Wipe samples for settled lead dust may be collected from floors (both carpeted and uncarpeted); interior windowsills and window troughs (wells); and other reasonably smooth surfaces (e.g., porches, stair treads, bookshelves).

The laboratory will provide you with the following: a supply of dust wipes, polyethylene centrifuge tubes, & chain of custody forms. You will need to provide: 2 inch masking tape to outline sampling area, and disposable gloves to use for each separate sampling location.

1. Identify areas to be tested; do not walk on or touch the surface to be sampled.
2. Use two inch masking tape to outline a square or rectangular surface that you can accurately measure after sampling is completed. If possible, this should be a minimum of 16 square inches (e.g., 4" X 4" or 8" X 2") After sampling is completed note the length and width as well as the units of measurement of tested area, and record it on the sampling form. The laboratory will calculate the concentration of lead in standard units.
3. Loosen the cap of the polyethylene centrifuge tube and place it near the surface to be sampled. Make a small tear in a dust wipe packet and place it near the area to be sampled being careful not to contaminate the tube and wipes.
4. Put on clean disposable gloves being careful to only touch gloves at the wrist to avoid contaminating them (use a new pair of gloves for each sample collected.)
5. Remove dust wipe from its packet, open it fully, then refold it in half two times.
6. First Wipe Pass (side-to-side). See following diagram. With the fingers together, press down firmly beginning in one interior corner of the tape and wipe down one side (1). Being careful to keep wipe within the perimeter of the tape, repeat on the opposite side (2). Again, keeping wipe inside the perimeter of the tape, wipe along the top, inside perimeter of tape, then from side to side in as many S-like motions as needed to cover the entire wipe area. At the end of the last 'S', sweep toward the middle of the surface and pinch debris into the wipe, folding it once so that contaminants are trapped in the wipe.



7. Second Wipe Pass (top-to-bottom). Repeat the above procedure using the same wipe and S-like motion but at a 90° angle to the first. Attempt to remove all visible dust or paint chips. Fold contaminated side inward again and insert wipe into centrifuge tube (one wipe per centrifuge tube.)
8. Replace cap on tube and close tightly. Label tube. Remove and discard gloves. Record the laboratory number on the chain of custody and describe the sample location completely (e.g., floor in youngest child's bedroom next to the closet.)
9. After sampling, measure the surface area wiped to the nearest eighth of an inch and record on the chain of custody form.
10. Fill out the chain of custody form completely. Return samples with this form, chain of custody form, to laboratory for analysis.
11. You may deliver your samples directly to Mid-Atlantic Laboratories, Inc. at:
224 Main St., Ste. 1, Port Royal, VA 22535
12. OR...You may ship by UPS or FEDEX to:
224 Main St., Ste. 1, Port Royal, VA 22535
13. OR...you may mail your samples by US Mail to:
P.O BOX 817, King George, VA 22485

*****LAB USE ONLY*****

DATE/TIME REC'D IN LAB:

_____ BY: _____

LAB PROJECT #:

DUE DATE:

_____ RUSH? _____

PAID BY: Check #: _____ C/C: _____

OTHER: _____ AMT. PD.: _____

DATE PD.: _____ REC'D BY: _____