

VHCB Lead Based Paint Hazard Reduction Program Contractor Air Sample Data Sheet - Lead

Date: 7/17/00 Company: A B C Abatement Services

Supervisor: J. Supervisor Certification #: S1234

Job Address: 100 E. Main Street, Anytown USA

VHCB Building #: 212 Unit#: 3 Age of Building: 1931

Monitored Employee Name & ID # D. Worker #W1235

Pump Type & Serial #	<i>Any Brand 123-9999</i>		NIOSH 7082 Method 1.0 – 4.0 L / min. air flow 0.8µm cellulose ester membrane 37mm cassette				
Sample Type	<u>Personal</u>	Area	<u>Indoor</u>		Outdoor		
Respirator Type	<u>Half Face w/ HEPA</u>		Full Face w/ HEPA	PAPR	None	Other	
Task 1 Cassette 1	Task 2 Cassette 2		Task 3 Cassette 3		Task 4 Cassette 4		
<i>Set Up</i>	<i>Demolition - Wall</i>		<i>Window Installation</i>		<i>Visual Clean</i>		
Engineering Controls Utilized	Engineering Controls Utilized		Engineering Controls Utilized		Engineering Controls Utilized		
<i>None</i>	<i>Negative Air</i>		<i>None</i>		<i>HEPA Vac</i>		
Down Time:	<i>15 Min</i>	Down Time:	<i>0</i>	Down Time:	<i>30 Min</i>	Down Time:	<i>15 Min</i>

Notes: *Respirator not worn for set up, previous samples below 30 mcg Action level*

Sample #	Lab #	Time		Flow L/min		Volume Min 200 L Max 1500 L	Results µg/m³ 8hr TWA
		Start	Stop	Start	Stop		
<i>01A</i>	<i>1715554</i>	<i>8:00</i>	<i>10:00</i>	<i>2.5</i>	<i>2.5</i>	<i>300</i>	<i>< 1.82</i>
<i>02 A</i>	<i>1715555</i>	<i>10:00</i>	<i>11:30</i>	<i>2.5</i>	<i>2.5</i>	<i>225</i>	<i>39.5</i>
<i>03 A</i>	<i>1715556</i>	<i>11:30</i>	<i>14:00</i>	<i>2.5</i>	<i>2.4</i>	<i>367.5</i>	<i>20.1</i>
<i>04 A</i>	<i>1715557</i>	<i>14:00</i>	<i>16:30</i>	<i>2.4</i>	<i>2.3</i>	<i>352.5</i>	<i>3.5</i>

Supervisor Signature: James Supervisor

Date Shipped or Given to VHCB: 7/18/00 by: J. Supervisor

Date Results Rec'd: 7/20/00 by: A. Secretary

Date Reviewed by Monitored Employee: 7/20/00 Employee Initials: D. W.

Note: 29 CFR 1926.62 requires employers to notify employees of monitoring results within 5 days of receiving the results.

Example Notes

This is an example of a properly filled out air sample data sheet. All air sampling must be conducted and overseen by a properly licensed and certified supervisor. The supervisor conducting the sampling must fill in his own name and certification number in the space indicated at the top of the form and must also fill in the name and certification number of the employee that is being monitored where indicated.

VHCB building code must be filled in where indicated.

Pump type and serial number should be filled in for each pump utilized. Separate sheets should be started for each pump in use. Should an air pump's calibration be found defective, the serial number will help determine which samples should be considered invalid.

Type of sample such as personal or area should be indicated. Area sampling is not an appropriate method for determining worker exposure to lead and should not be used in determining lead exposure as outlined in OSHA 29CFR 1926.62. Area sampling can however provide useful information about lead released into the air in or around a particular job site or workspace. Exposure monitoring must always be a personal air sample taken from a worker's breathing zone, that is representative of that worker's exposure to lead during typical working conditions in a regular work shift.

Type of respiratory protection utilized during the sampling should be circled.

To ensure the most accurate exposure data, each distinct job or task should be sampled with a separate sample cassette. Multiple tasks performed on the same sample cassette will not give a true level of exposure for each operation. The NIOSH 7082 method requires that a minimum of 200 and a maximum of 1200 liters of air be run through the sample cassette. Short duration tasks may be sampled by increasing the flow rate on the air sample pump to ensure the minimum volume is achieved.

Any engineering controls utilized to minimize exposure should be noted for each operation.

Any breaks or down time where the monitored worker is removed from the exposure during sampling should also be noted.

Start and stop times for each sample should be noted. This is the time the pump is turned on until the time the pump is turned off, not the times the worker starts and stops the task. Times are best reported in 24hour format to avoid confusion. Flow rates should also be noted at start and end times to account for changes in flow rate due to filter clogging or battery drain

All samples should be uniquely numbered in a manner that reflects which sample cassette is associated with each task described on the sample sheet. This numbering should be such that it will not be confused with other samples taken on different days or with other workers on the same day.

All employers must notify employees of the lab results within 5 days of receiving them.

The information above is by no means a complete description of exposure monitoring and sample procedures.