



Customer Number:

Date:

Customer Name:

Contact Name:

Customer Address:

Phone Number:

Email Address:

Air Filter Serial Number:

Air Filter Lot Number: 2080410

Test Method: NIOSH Method 70982 Lead and 7048 Cadmium

Room or Individual Tested:

Time Duration (Minutes):

Sampling Date:

RPD Office Use Only

**Pump
Serial
Number**

**Pump Air Volume
Prior to Sampling
(cc/min)**

PRE TEST

**Tested
By**

**Lab Testing
Date**

POST TEST

**Pump Air Volume
After Sampling
(cc/min)**

**Tested
By**

**Lab Testing
Date**

Total Air Volume (m³):

$$\frac{\text{Time Duration (minutes)} \times \text{Pump Air Volume after Sampling (cc/min)}}{1,000,000 \text{ (cc)}} = \text{Total Air Volume (m}^3\text{)}$$

Laboratory Office Use Only

LAB RESULTS (µg)

Lab Number

**Cadmium
(Cd)**

**Lead
(Pb)**

µg

µg

FINAL RESULTS

Cadmium (Cd)

Lead (Pb)

Results:

µg/m³

µg/m³

OSHA Limits*:

5 µg/m³

50 µg/m³

$$\frac{\text{Cadmium Lab Results (µg)}}{\text{Total Air Volume (m}^3\text{)}} = \text{Cadmium Final Results (µg/m}^3\text{)}$$

$$\frac{\text{Lead Lab Results (µg)}}{\text{Total Air Volume (m}^3\text{)}} = \text{Lead Final Results (µg/m}^3\text{)}$$

*OSHA Requirements: Permissible Exposure Limits (PEL).

The employer shall assure that no employee is exposed to lead at concentrations greater than fifty micrograms per cubic meter of air (50 µg/m³) or cadmium in excess of five micrograms per cubic meter of air (5 µg/m³), calculated as an eight-hour time-weighted average exposure. * The time-weighted average exposure concentration for a normal 8 hour workday and a 40 hour week, to which nearly all workers may be repeatedly exposed, day after day, without adverse effect.



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