



29 CFR 1926.62 Lead in Construction

(a) Scope

- ❖ **Demolition or Salvage**
- ❖ **Removal or Encapsulation**
- ❖ **New Construction, Repair, Renovation**
- ❖ **Installation**
- ❖ **Transportation, Storage & Disposal**
- ❖ **Maintenance**

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(b) Definitions

- ☐ Action Level is 30ug/cu meter for 8hr TWA
- ☐ Competent Person is capable of identifying existing and predictable lead hazards -- and who has authority to correct the hazard or stop work
- ☐ Lead means metallic lead, all inorganic lead compounds. Other organic leads are excluded.

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(c) Permissible Exposure Limit

- The Employer shall ensure that no employee is exposed to greater than 50ug/cu meter for an 8hr TWA
- If working longer than 8 hours, then the ug/cu meter = 400 and will be divided by the total hours worked

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(d) Exposure Assessment

❖ Until exposure monitoring documents exposure below the PEL, the employer must provide PPE, change areas, hand- washing facilities, biological monitoring and training for employees performing “Trigger Tasks”

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(d) Exposure Assessment

- ☐ Exposure monitoring may be discontinued when monitoring is below the action level two times at least 7 days apart

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(e) Methods of Compliance

- **Look for engineering controls to reduce lead exposures**
- **Examples are changing the type of equipment used and work practices**

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(f) Respiratory Protection

- ❖ **Use OSHA 29 CFR 1910.134**
- ❖ **Requires a written program and administrator**
- ❖ **Requires medical screening, training, fit testing on an annual basis**
- ❖ **Requires NIOSH approved respirators**

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(g) Protective Clothing & Equipment

- ☐ NIOSH approved respirators
- ☐ Tyvek Suits
- ☐ Gloves, safety boots/booties
- ☐ Other stuff ?

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(h) Housekeeping

- **Maintain surfaces free of lead**
- **Use a HEPA Vacuum or other methods to reduce airborne lead**
- **No sweeping, shoveling, or brushing**
- **Use compressed air only if ventilation system is designed to capture airborne lead**

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(i) Hygiene Facilities

- ❖ Establish an area to remove dirty or contaminated items for cleaning or disposal.
- ❖ Have a clean area for washing hands, etc.
- ❖ Have a changing area if necessary.
- ❖ Consider eating, smoking and drinking areas outside the work area

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(j) Medical Surveillance

- ☐ **Consider a Baseline Blood Lead Level before hiring or starting work.**
- ☐ **Required if above action level for 30 days in a year.**
- ☐ **Can not return to current job task until blood lead is below 40 ug/dl.**

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(k) Medical Removal

- **Required medical removal if blood lead is 50 ug/dl or greater**

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(I) Information and Training

- ❖ **Must keep all records, for example: determining presence of lead, medical monitoring, personal exposure monitoring, training and etc.**
- ❖ **Must provide training on an annual basis**

HEPA Vacuum

- Designed specifically to collect lead dust
- Has “O” rings to prevent leakage
- HEPA filter is individually tested to 99.97% efficient
- Cost starts around \$350.00

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Summary

Regardless of the lead exposure, you got to have these:

- 1. Determine the presence of lead**
- 2. Exposure monitoring & Recordkeeping**
- 3. Notification of Others**
- 4. Hand Washing Facilities**
- 5. HEPA Vacuum**
- 6. Training above Action Level**



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