

29 CFR 1926.62 Lead in Construction (a) Scope

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





29 CFR 1926.62 (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.



29 CFR 1926.62 (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



29 CFR 1926.62 (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"



29 CFR 1926.62 (d) Exposure Assessment

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



29 CFR 1926.62 (e) Methods of Compliance

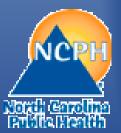
Look for engineering controls to reduce lead exposures

Examples are changing the type of equipment used and work practices



29 CFR 1926.62 (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



29 CFR 1926.62 (g) Protective Clothing & Equipment

NIOSH approved respirators

Tyvek Suits

Gloves, safety boots/booties

Other stuff ?



29 CFR 1926.62 (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



29 CFR 1926.62 (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



29 CFR 1926.62 (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.



29 CFR 1926.62 (k) Medical Removal

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



29 CFR 1926.62 (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



29 CFR 1926.62 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



Any Questions?

NC OSHA 1-800-625-2267

