

# Clearheart Construction Co., Inc.

## Lead Awareness

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#### NIOSH Pocket Guide to Chemical Hazards - Lead

On some job sites, employees may have potential occupational exposure to lead while performing their job function if precautionary steps noted below are not taken. Possible locations of lead containing materials include leaded paints, leaded solders, pipes, batteries, circuit boards, cathode ray tubes, leaded glass, and demolition/salvage materials. Undisturbed, lead is perfectly safe.

Employees will abide by warning signs/labels/assessment reports and **will not disturb lead containing materials.**

Exposure above the Action Level [employee exposure, without regard to the use of respirators, to an airborne concentration of lead of 30 micrograms per cubic meter of air ( $30\mu/m^3$ ) calculated as an 8 hour time weighted average (TWA)] could result in detrimental acute lead poisoning health effects which include: loss of appetite, nausea, vomiting, stomach cramps, constipation, difficulty sleeping, fatigue, moodiness, headache, joint or muscle aches, and anemia.. Chronic overexposure could result in severe damage to the blood-forming, nervous, urinary, and reproductive systems.

Because of the above, lead awareness training is required for employees who work in areas that contain or may contain lead.

Lead awareness training is required for employees whose work activities may contact lead containing materials but do not disturb the material during their work activities. Lead awareness training for the above employees is required at time of hire, during orientation, or before assignment to areas containing lead. Refresher training will be given annually.

Lead training must be documented and the documentation will contain the dates of training, the employee's name, and the trainer's name. Training must be given by a competent person..

Additional steps to avoid lead exposure:

1. Under no circumstances will lead containing material or presumed lead containing material be disturbed during work activities.
2. If you believe the materials you will be working with contain lead, contact your supervisor.

3. Employees will wash hands and face if lead materials are contacted.
4. If our employees are working on a multi-contractor worksite adjacent to a lead abatement activity and possible exposure occurs because of inadequate containment (an unlikely scenario because not only would the containment be faulty, the negative pressure system would have to fail), they are to immediately remove themselves from the area until the breach and containment system is repaired.