



Meiners Electric, Company Safety Manual

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LAST REVISION:

December 11, 2019

REVIEWED BY:

L. Kirk Berglund, Safety Director

FORM REF No:

SP-LEAD

SUBJ:

Lead Compliance Program

LEAD COMPLIANCE PROGRAM

1. PURPOSE

The purpose of this program is to establish procedures for protecting employees of Meiners Electric while working on jobs with exposures to lead above the Permissible Exposure Limit (PEL).

This program is part of Meiners Electric's efforts to comply with OSHA Interim Final Rule On Lead in Construction as found at 29 CFR 1926.62. This program applies to all employees who work in areas where exposures to lead may occur.

2. DEFINITIONS

- Action Level (AL):** The amount of airborne lead in a work area (measured without respirators) requiring an employer to take protective measures for employee safety. Exposures between the AL and the PEL trigger air monitoring every 6 months. The AL is measured in the same units as the PEL.
- Blood Lead Level (BLL):** The amount of lead, measures in micrograms (ug), present in a deciliter (dl) of whole blood.
- High-Efficiency Particulate Air (HEPA):** Filtration used on equipment such as vacuums, air movers, and respiratory protection equipment which filters particulate material down to .3 microns with an efficiency of 99.97%.
- NIOSH:** National Institute for Occupational Safety and Health; an agency that establishes minimum performance standards for respirators, and tests and approves respirators for various uses.
- Permissible Exposure Limit (PEL):** The maximum amount of airborne lead, measured in micrograms per cubic meter (ug/m³) that a worker might breathe in during an 8-hour workday. It is the amount of lead, by weight, found in the dust and vapors at a work site, divided by the number of hours worked in a day. On the job exposures over PEL trigger protective measures including respiratory protection and further air monitoring every 3 months.
- Time Weighted Average (TWA):** The amount of lead dust a person is exposed to (by weight), divided by the number of hour of exposure during a day (so exposures at low concentrations will offset exposures at higher concentrations).



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3. EMPLOYEE

Employees are responsible for:

1. Employees must abide by any signs/labels/assessment reports indicating the presence of lead containing materials. Appropriate work practices must be followed to ensure the lead containing materials are not disturbed.
2. Wearing appropriate protective clothing and respiratory protection supplied by Meiners Electric.
3. Using appropriate work practices to reduce the exposure to lead.
4. Their own personal hygiene, including washing hands and face before eating, and showering after the work shift when available, to assure that lead exposures are contained at the job-site and not carried home on their clothing

4. GENERAL PROGRAM ACTIVITIES

1. Lead hazards will be assessed on every job and appropriate protection will be provided for all effected.
2. Where practical, engineering and administrative controls will be implemented to lower employee exposure to lead.
3. Meiners Electric will communicate with other contractors and employers at the project to inform them of activities that will generate exposures to lead and learn of any activities conducted by other contractors that could create lead exposures for our employees.
4. Jobsites, materials and equipment will be inspected regularly to verify the correct use and appropriate protection for all employe
5. A Site Specific Lead Safety Plan will be completed for all jobs where the potential for lead exposure exists.

5. TRAINING

1. In order to reduce exposure to lead, all employees who are required to work on lead projects will receive training on the methods and equipment designed to reduce exposure to lead.
2. Training will be repeated annually.
3. Training will include hands-on training with all equipment.
4. All respiratory equipment will be fitted and fit tested according to the written respiratory



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protection program.