Chapter 20: Lead Safety

Quick Start Summary

Product ID: 621 | Revision ID: 2315 | Date published: 28 July 2021 | Date effective: 28 July 2021
URL: https://www-group.slac.stanford.edu/esh/eshmanual/references/leadQuickstart.pdf

1 Who needs to know about these requirements

The requirements of Lead Safety apply to workers (as lead workers, lead handlers, lead users, and riggers), supervisors, area and building managers, lead storage area owners, the lead safety program manager, Industrial Hygiene, Waste Management, Environmental Protection, Radiation Protection, Purchasing, and Occupational Health.

2 Why

Lead is a heavy-metal element hazardous to health and the environment. The presence of lead in human blood can cause anemia. Lead also interferes with the transmission of nerve impulses, resulting in damage to hearing, thinking, sense of touch, and muscle control.

3 What do I need to know

The acquisition, use, handling, storage, and disposal of lead are strictly controlled:

- Wherever possible, existing lead should be reused: requesters of new lead are required to justify the request.
- All lead or lead-contaminated waste must be disposed of as hazardous waste.
- Lead storage, use, and machining may be done only in designated areas with proper signage and controls.
- Personnel who work with lead are subject to training and medical surveillance, depending on the task.

4 When

These requirements take effect 28 July 2021.

5 Where do I find more information

SLAC Environment, Safety, and Health Manual (SLAC-I-720-0A29Z-001)
- Chapter 20, “Lead Safety”

Or contact the program manager.