**Draft §5198: Schematic**

Underlined text indicates draft change from existing standard

**For Occupational Exposure to Lead**

- Exposure Monitoring (d)(2), (d)(7)
- Housekeeping (h)
- Basic hygiene (i)(1)&(5)
- One time training on Appendices A & B (l)(1)(A)
- Hazard Communication (m)(1)

**Q. Exposed ≥ AL (2 µg/m³)?**

**Q. Conducting 'threshold amount of lead work'?**
Exceptions: (1) < 8 hrs. in 30 days, (2) Hazard Survey determination

**For BLL ≥10 µg/dl:**

- BLL testing every 2 mos. (j)(2)(A)2.
- Elevated BLL Investigation (j)(2)(D)

**For BLL ≥ 20 µg/dl:**

- BLL testing every month (j)(2)(A)3.
- Medical Exam and Consultations (j)(3)

**Medical Removal Protection**

**Criteria for Removal:** (k)(1)&(2)
- 1 BLL ≥ 30 µg/dl; or
- Last 2 BLLs ≥ 20 µg/dl; or
- Avg. BLL in last 6 mos. ≥ 20 µg/dl ; or
- Final medical determination

**Removal from:** (k)(1)
- Work ≥ AL (2 µg/M³)
- Altering or disturbing lead materials

**Content:**
- Medical exam ASAP and then as med. appropriate (j)(3)(A)(5.)
- BLL testing at least monthly (j)(2)(A)(3.)

**For ≥ AL (2 µg/m³):**
- Repeated air monitoring (d)(6)

**For both ≥ AL, and for a threshold amount of lead work:**
- Medical Surveillance (j) (for ≥AL ≥10 days per year)
- Training Program (l)(1)(B)-(D)
- Posted signs required (m)(2)

**For threshold amount of lead work:**
- Appropriate PPE (g)(1)

**>PEL (10 µg/m³), Additional Protections:**

- Limit exposure to ≤ PEL using hierarchy of controls (c)
- Exposure monitoring (d)(6)
- Implement feasible controls-- SECALs apply for battery manufacturing processes (e)(1)
- Written compliance program (e)(2)
- Appropriate PPE (g)(1)
- Full hygiene requirements: above plus showers, change rooms and lunchrooms (i)(2),(3)&(4)

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