



**On Target
Safety Academy**

WORKPLACE SAFETY & HEALTH ASSISTANCE
FOR THE SHOOTING SPORTS INDUSTRY

TECHNICAL BULLETIN

Firing Range Specific. Practical Solutions. Safer Ranges.

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DID YOU KNOW?

DOES OSHA'S LEAD STANDARD APPLY TO YOUR SHOOTING RANGE?



OSHA's *Lead Standard* applies whenever employees may be exposed to occupational lead.

Federal OSHA establishes minimum requirements. However, OSHA-approved State Plans may adopt more protective standards. [California](#) and [Michigan](#) have already updated their lead standards, while [Washington](#) and [Minnesota](#) have proposed revisions. Federal OSHA is also evaluating changes to its Lead Standard.



WHY IT MATTERS

- OSHA's Lead Standard applies long before most firing ranges realize.
- Initial airborne lead exposure [monitoring](#) determines how much of the standard applies to your shooting range.
- Federal OSHA requirements are only the minimum.
- [State](#) OSHA programs may impose additional or more stringent requirements.



COMMON MISCONCEPTIONS

- Outdoor firing ranges are exempt from the standard.
- A laminar flow ventilation system eliminates OSHA requirements.
- OSHA requirements are identical in every state.
- Respirators eliminate OSHA compliance [obligations](#).
- Airborne lead exposure sampling is only necessary during live-fire operations.



BEST PRACTICES

- Inventory every lead-generating task.
- Conduct representative personal air sampling for each high-risk task.
- Compare results to both the Action Level and PEL.
- Review requirements for every OSHA-approved State Plan where you operate.
- Reevaluate exposures wherever operations change.



FROM OSHA COACH

"Whether OSHA has jurisdiction over your firing range or not, lead hazards don't discriminate. Sportsmen's clubs, youth shooting organizations, and local law enforcement agencies should still recognize, evaluate, and control occupational lead hazards."

*Dale Krupinski, CIH, CSP
Owner, AKA OSHA Coach
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OSHA REFERENCE

29 CFR 1910.1025(a)(1)

Scope and application

This section applies to all occupational exposure to lead.

Note: Lead reclamation, bullet trap removal, and range decommissioning may fall under OSHA's Construction Lead Standard (29 CFR 1926.62) rather than 29 CFR 1910.1025.

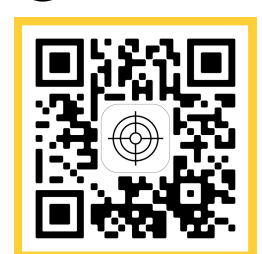


QUICK COMPLIANCE CHECKLIST

- ✓ Determine whether employees may be occupationally exposed to lead.
- ✓ Identify the OSHA standard(s) that apply to your operation.
- ✓ Review applicable lead requirements.
- ✓ Document your exposure determination and compliance.
- ✓ Do not assume that outdoor operations, ventilation systems, or respirator use exempt your facility from OSHA's Lead Standard.



LEARN MORE



KEY TAKEAWAY

Federal OSHA establishes **minimum** requirements. California and Michigan have adopted more protective lead standards, while other State Plans and Federal OSHA are evaluating revisions. Employers should understand applicable federal and state requirements. Ventilation systems and respirators reduce exposure, but **do not exempt** firing ranges from applicable OSHA lead requirements.



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