

SCH

LEAD

SCOPE

This audit module covers items necessary to assess compliance with the Federal OSHA Lead Standards, 29 CFR 1910.1025 and 29 CFR 1926.62.. It includes items specific to exposure monitoring, exposure controls, employee training, medical surveillance, and housekeeping.

APPLICABLE REGULATIONS/STANDARDS

OSHA 29 CFR 1910.1025

OSHA 29 CFR 1926.26

TOTAL MODULE POINTS	<u>84</u>
TOTAL APPLICABLE POINTS	—
TOTAL POINTS SCORED	—
MODULE SCORE (percent)	—

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Revised Date: 2/97
Supersedes Date: 12/96

Module 20
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LEAD			
VERIFICATION		POINTS AVAILABLE	POINTS RECEIVED
	EXPOSURE MONITORING		
D (d)(2)	1. Is there monitoring data available to support the location's current monitoring frequency?	1	
D (d)(6)(iii)	2. Is sampling for jobs with exposures exceeding the PEL (8-hour, 50 Mg/m ³) done on a quarterly basis?	1	
D (d)(6)(ii)	3. Is sampling for jobs with exposures exceeding the action level (8-hour, 30 Mg/m ³) but below the PEL done at least every 6 months?	1	
D	4. Does the monitoring done include:		
(d)(1)(ii)	a. Full shift(at least 7-hours) personal samples that include at least one sample for each shift for each job classification in each work area?	2	
(d)(1)(ii)	b. Full shift personal samples representative of the employee's regular, daily exposure to lead?	1	
(d)(8)(i)	5. Are employees notified of sampling results within 5 working days of receiving the results?	1	
(d)(8)(ii)	6. When the monitoring result indicates that an employee's exposure exceeded the PEL, does the written notice include a statement that the PEL was exceeded and a description of corrective measures to be taken?	1	
	METHODS OF COMPLIANCE		
FI (e)(1)	7. Have engineering and work practice controls been established to reduce employee exposures to or below the PEL?	4	
F (e)(2)	8. Are respirators provided when engineering and work practice controls fail to reduce employee exposure to or below the PEL?	1	
DF (f)(2)(i)	9. Are respirators provided in accordance with the selection criteria found in the standard?	1	
DI (f)(3)(ii)	10. Has qualitative or quantitative fit-testing been done for all employees required to wear respiratory protection?	1	
D (e)(e)(i)	11. Is a written compliance program to reduce exposures to or below the PEL solely by means of engineering and work practice control established and implemented?	4	

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D	12. Does the written compliance program include:		
(e)(3)(ii)(A)	a. A description of each operation in which lead is emitted?	1	
(e)(3)(ii)(B)	b. A description of the specific means to be used to achieve compliance?	1	
(e)(3)(ii)(C)	c. A report of the technology considered in meeting the PEL?	1	
(e)(3)(ii)(D)	d. Air monitoring data which documents the source of lead emissions?	1	
(e)(3)(ii)(E)	e. A detailed schedule for implementation of the program?	1	
(e)(3)(ii)(F)	f. A work practice program which includes required protective work clothing and equipment, housekeeping, and hygiene facilities and practices?	1	
(e)(3)(ii)(G) and (E)(6)	g. A job rotation schedule which includes the name or identification number of each affected employee and the duration and exposure levels at each job or work station where each affected employee is located when administrative controls are used to reduce employee TWA exposure to lead?	1	
D (e)(3)(iii)	13. Is the written compliance program available at the worksite?	1	
D (e)(3)(iv)	14. Is the written compliance program revised and updated every six months?	2	
DI (e)(5)(i)	15. When ventilation is used to control lead exposure, are measurements which demonstrate the effectiveness of the system made at least every three months?	3	
N/A	16. If air from exhaust ventilation is recirculated into the workplace:		
(e)(5)(ii)(A)	a. Does the system have a high efficiency filter and a backup filter?	1	
(e)(5)(ii)(B)	b. Are controls to monitor the concentration of lead in the return air and to bypass the recirculation system automatically if it fails installed, used, and maintained?	1	
DI (e)(6)	17. If administrative controls are used to reduce employee exposure to lead, has a job rotation schedule been established and implemented?	1	

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	PROTECTIVE WORK CLOTHING AND EQUIPMENT		
FI (g)(1)	18. Are employees exposed to lead above the PEL or where the possibility of skin or eye irritation exists provided with appropriate protective work clothing and equipment and is its use assured where required?	2	
?	19. Is there a documented hazard determination for the protective clothing required for use to protect against lead exposures?	?	
F (g)(2)(i)	20. Is protective clothing provided in a clean and dry condition at least weekly, and daily to employees whose exposure levels are over 200 micrograms of lead per cubic meter of air?	1	
FI (g)(2)(ii)	21. Is cleaning, laundering, or disposal of protective clothing provided for employees?	1	
FI (g)(2)(iii)	22. Is protective clothing and equipment repaired or replaced as needed to maintain effectiveness?	1	
FI (g)(2)(iv)	23. Is protective clothing removed at the completion of work shifts only in change rooms provided for that purpose?	1	
F (g)(2)(v)	24. Is contaminated protective clothing that is to be cleaned, laundered, or disposed of placed in a closed container in the change room which prevents dispersion of lead outside the container?	1	
D	25. Is any person who cleans or launders protective clothing or equipment informed of the potential contamination and hazards?	1	
F (g)(2)(vi)	26. Are containers of contaminated clothing and equipment labeled as follows: <i>CAUTION: Clothing Contaminated With Lead. Do not remove dust by blowing or shaking, dispose of lead contaminated wash water in accordance with applicable local, state, or federal regulations.</i>	1	
DI (g)(2)(viii)	27. Is the removal of lead from protective clothing or equipment by blowing, shaking, or any other means which disperses lead into the air prohibited?	1	
	HOUSEKEEPING		
F (h)(1)	28. Are all surfaces maintained as free as practicable of accumulations of lead?	2	

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DI (h)(2)(i)	29. Is using compressed air to clean floors and other surfaces where lead accumulates prohibited?	1	
DI (h)(2)(ii)	30. Is shoveling, dry or wet sweeping, and brushing used only when other equally effective methods have been tried and proven ineffective?	1	
FI (h)(3)	31. When vacuuming methods are used, are the vacuums used and emptied in a manner which minimizes the reentry of lead into the workplace?	1	
HYGIENE FACILITIES AND PRACTICES			
F (i)(1)	32. Are the presence or use of foods, beverages, tobacco products, and cosmetics prohibited in areas where lead is present?	1	
F (i)(2)(i)	33. Are clean change rooms provided for employees exposed to lead above the PEL?	1	
F (i)(2)(ii)	34. Are change rooms for lead workers equipped with separate storage facilities for protective clothing and equipment and for street clothes which prevent cross-contamination?	1	
FI ★ (i)(3)(ii)	35. Are showers provided for the use of employees exposed to lead above the PEL?	1	
I ★ (i)(3)(i)	36. Are steps taken to assure employees exposed to lead above the PEL shower at the end of each work shift?	1	
FI ★ (i)(3)(iii)	37. Are steps taken to assure employees exposed to lead above the PEL prohibited from leaving the workplace wearing any piece of clothing or equipment worn during the work shift?	1	
F (i)(4)(i)	38. Are lunchroom facilities readily available for employees exposed to lead above the PEL?	1	
F (i)(4)(ii)	39. Are lunchroom facilities for workers exposed to lead above the PEL supplied with a temperature controlled, positive pressure, filtered air supply?	1	
FI (i)(4)(iii)	40. Are steps taken to assure workers exposed to lead above the PEL wash their hands and face prior to eating, drinking, smoking, or applying cosmetics?	1	
FI (i)(4)(iv)	41. Are steps taken to assure workers exposed to lead above the PEL are prohibited from entering lunchroom facilities with protective clothing or equipment before first removing surface lead dust by vacuuming or other cleaning methods?	1	

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	MEDICAL SURVEILLANCE		
OK D (j)(1)(i)	42. Is medical surveillance offered in accordance with Corporate medical Standard MED 498?	2	
	EMPLOYEE INFORMATION AND TRAINING		
D (l)(1)(i)	43. Are all employees who work in areas in which there are potential exposures to lead at any level informed of Appendices A and B of the lead standard?	1	
D (l)(1)(ii)	44. Has a lead training program been instituted for all employees subject to lead exposure above the action level or for whom the possibility of eye or skin irritation exists?	2	
D (l)(1)(iv)	45. Is lead training repeated at least annually?	1	
D	46. Does the training include:		
(l)(1)(v)(A)	a. The content of 29 CFR 1910.1025 and its appendices?	1	
(l)(1)(v)(B)	b. The specific nature of operations which could result in exposure above the action level?	1	
(l)(1)(v)(C)	c. The purpose, proper selection, fitting, use, and limitations of respirators?	1	
(l)(1)(v)(D)	d. The purpose and a description of the medical surveillance and removal program, and adverse health effects associated with excessive lead exposure?	1	
(l)(1)(v)(E)	e. Engineering controls and work practices associated with employee job assignments?	1	
N/A (l)(1)(v)(F)	f. The contents of any compliance plans in effect?	1	
(l)(1)(v)(G)	g. Instructions concerning the dangers of and the prohibition against use of chelating agents, except under the direction of a licensed physician?	1	
DI (l)(2)(i)	47. Are copies of 29 CFR 1910.1025 and appendices made readily available to all affected employees?	1	
	SIGNS		
F (m)(2)(i)	48. Are warning signs posted in each work area where the PEL is exceeded?	1	

May be exceeded

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F (m)(2)(ii)	49. Do the warning signs read: WARNING: LEAD WORK AREA; POISON; NO SMOKING OR EATING	1	
F (m)(2)(ii)	50. Are lead warning signs illuminated and/or cleaned as necessary so the sign legends remain readily visible?	1	
	RECORDKEEPING		
	51. Do exposure monitoring records contain:		
(n)(1)(ii)(A)	a. Date	1	
(n)(1)(ii)(A)	b. Sample number	1	
(n)(1)(ii)(A)	c. Duration	1	
(n)(1)(ii)(A)	d. Results	1	
(n)(1)(ii)(B)	e. Description of sampling and analytical method used	1	
(n)(1)(ii)(C)	f. Description of respirators worn, if any	1	
(n)(1)(ii)(D)	g. Name, SS#, and job description of the employee monitored and other job descriptions for which the exposure is representative.	1	
The following questions apply to all locations that have the potential to contain lead containing materials, specifically painted structures or building materials.			
D 1926.62(d)	52. Has the facility completed a documented determination for the presence of lead containing materials?	2	
D 1926.62(d)	53. If lead was found to be present, or is presumed to be present, has the facility performed initial exposure assessments to determine employee exposures for tasks involving work with those materials?	2	
D 1926.26(e)	54. If the facility has not completed initial exposure assessments is there a procedure in place to:		
	a. evaluate jobs to determine if lead is present	1	
	b. to initiate monitoring?	1	
	c. to assure the appropriate PPE is worn,	1	
D 1926.62(l)	55. Have employees potentially exposed to lead during construction activities as defined by 1926.62(a) been provided training in accordance with 1926.62(l)	2	

No

No

Just did some of the

- job planning

1926.62(d)(2) permitting

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