



### Required Health and Safety Training Summary

For more details consult the OSHA Publication: <https://www.osha.gov/Publications/osha2254.pdf>

The term periodic training means training that occurs at regular intervals (i.e. 1 to 3 years). Annual refresher training is recommended in order to maintain the understanding/skill level required by most performance-based standards. Although some training does not require annual refresher it is highly recommended. All training must be documented.

Additionally, this list must not be considered to be all conclusive, this is just some of the common standards that require training, and these standards can change at any time. Always check the most current Regulation.

Type of Activity/Training	Legal Authority (OSHA Standard)	Who Receives	How Often?
Working and Walking Surfaces	1910.Subpart D 21-30	All exposed workers	Initial/Periodic; Change in worksite/equipment
Fall Protection	1910.30 1916.503	All exposed workers	Initial/When changes occur in the workplace/New Equipment/or employee doesn't demonstrate understanding
Emergency Action Plans	1910.38	All Employees	Initial Change in plan
Fire Prevention Plans	1910.39	All Employees	Initial assignment
Powered Platforms	1910.66(i)(1)(i)  Care and Use Appendix C, Sec. I(e)(9)	Employees using powered platforms for maintenance or construction.  Those wearing personal fall arrest systems	Initial  Before using and after any component or system is changed
Occupational Noise Exposure	1910.95(k)(1)	Employees working areas at or above required Time Weighted Average (TWA) of 85 Dba level.	Initial/ Annual
Flammable/Combustible Liquids	1910.106(b)(5)(vi)	Station operators and others depended upon to carry out (safety) instructions, to shut down systems	Initial
LP Gases, Storage and Handling	1910.110(b)(16) and 1910.110(d)(12)(i)	Personnel performing installation, removal, operation and maintenance work of equipment covered under this section. Those at Industrial facilities with LP Storage having watch service.	Initial



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Process Safety Management of Highly Hazardous Chemicals Mechanical Integrity	1910.119(g)(1)(i) and (ii) 1910.119(g)(2) 1910.119(j)(3)	All employees presently involved in operating a process  Employee involved in maintaining the ongoing integrity of process equipment	Initial/Refresher every 3 years or more often if deemed necessary  Initial
Hazardous Waste	1910.120(e)(1)(i) and (ii); (2)(i) through (vii); (3)(i) through (iv) and (4) through (9)	All employees responding to an uncontrolled release and all employees exposed to hazardous substances, health hazards, or safety hazards, such as but not limited to equipment operators, general laborers and others and their supervisors and managers.	Initial/ Annual refresher of 8 hours each year.
Personal Protective Equipment (PPE)	1910.132(f)(1)(i) through (v); (2), (3)(i) through (iii)	Employees who are required to wear PPE required by this section	Initial Change in work place or PPE, Improper use.
Respiratory Protection	1910.134(k)(1)(i) through (vii); (2), (3), and (5)(i) through (iii)	Employees who are required or voluntarily choose to wear a tight-fitting respirator.	Initial/ Annual Changes in workplace, respirator, or needs of employee
Accident Prevention Signs/Tags	1910.145(c)(1)(ii), (2)(ii) and (3)	All Employees	Initial
Confined Space Entry with basic first aid and adult cardiopulmonary resuscitation (CPR)	1910.146(g)(1) and (2)(i) through (iv)(3) and (4) and (k)(1)(i) through (iv)  (k)(2)(i) through (iv)	Authorized entrants/attendants/entry supervisors  ***** Rescue personnel	Prior to entry, when changes occur and when the employer feels that the employee knowledge is inadequate ***** Initial/ Annual
Lockout/Tagout	1910.147(a)(3)(ii); (c) (7)(i)(A) through (C); (ii)(A) through (F); (iii)(A) through (C), (iv)	All employees that are considered Authorized, Affected or Other.	Initial/Change in work process, job description, change in machines and equipment or process, Or when periodic inspection problems
Medical Services/First Aid	1910.151(a)(b)	First aid providers	Annual or as specified by the training organization.



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Fire Extinguishers	1910.157(g)(1), (2), (3) and (4)	Where the employer has provided portable fire extinguishers for employee use in the workplace, employees shall be educated	Initial/ Annual
Servicing of Single and Multi-Piece Rim Wheels	1910.177(c)	Employees who service single and multi-piece rims/wheels.	Initial and when the employer evaluates the employee and determines the need for more training to be proficient.
Powered Industrial Trucks	1910.178(l)	All potential operators of forklifts and other Powered Industrial Trucks (PIT).	Initial/ operator Performance or equipment changes. If the operator is in an accident, driving in an unsafe manner or changes occur in the workplace or type of truck used. Performance Evaluations required every 3 years may indicate training is needed;
Mechanical Power Presses	1910.217(e)(3) and 1910.217(f)(2) 1910.217(h)(13) (i)	Maintenance personnel, setup personnel  Operators	Initial  Initially and at least annually there after
Forging Machines	1910.218(a)(2)(iii)	Employees with duties for the proper inspection and maintenance of forging equipment	Initial
Grain Handling Facilities	1910.272(e)(1)(i) and (ii) and (2)	All employees	Annually and when changes in job assignment will expose them to new hazards
Electrical Safety-Related Work Practices	1910.332 (a)	All Employees who face the risk of electrical shock that is not reduced to a safe level by electrical installation requirements of 1910.303 through .308, Typical list of those considered covered found in table S-4.	Initial

## Toxic and Hazardous Substances Sub Part Z

Type of Activity/Training	Legal Authority (OSHA Standard)	Who Receives	How Often?
Asbestos	1910.1001(j)(7)(i) through (iii)(A) through (J) (j) (d) (iii)	Employees exposed at or above PEL and/or excursion limit. Custodial employees in areas containing asbestos	Initial/ Annual  Initial/ Annual
13 Carcinogens (4-Nitrobiphenyl, etc.)	1910.1003(e)(4)(i)[A] through [I] ,(ii) and (iii)	Employees prior to being authorized to enter a regulated area	Initial/Annual
Vinyl Chloride	1910.1017(j)(1)(i) through (ix)	Each employee engaged in vinyl chloride or polyvinyl chloride operations	Initial/Annual
Inorganic Arsenic	1910.1018(o)(1)(i) and (ii)(A) through (F) and (2)(i) and (ii)	All employees who are subject to exposure to inorganic arsenic above the action level without regard to respirator use, or for whom there is a possibility of skin or eye irritation from inorganic arsenic	Initial/Annual
Access to Employee Exposure & Medical Records	1910.1020 (g) (1)(i) through (iii)	All employees covered by this section	Initially/Annually
Beryllium	1910.1024 (m)(4)(i) through (iv)	For each employee who has, or can reasonably be expected to have, airborne exposure to or dermal contact with	Initial/Annual When Modifications of tasks & procedures
Lead	1910.1025 (l)(1)(i) through (iv)	Employees exposed to lead at or above the action level or have the potential for skin, eye, irritation	Initial/ Annual
Chromium (VI)	1910.1026(l)(2)	All employees who work in the area where Chromium (VI) is used	Initial
Cadmium	1910.1027(m)(4)(i) through (iii) (A) through (H) and (m)(4)(iv)(A) and (B)	All employees who are potentially exposed to cadmium	Initial/Annual
Benzene	1910.1028(j)(3)(i) through (iii)(A) and (B)	All employees with assignment to a work area where benzene is present.	Initial/Annual if exposures are above the action level
Coke Oven Emissions	1910.1029(k)(1)(i) through (iv)(a) through (e) and (k)(2)(i) and (ii)	Employees who are employed in the regulated area	Initial/Annual

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Bloodborne Pathogens	1910.1030(g)(2)(i); (ii)(A) through (C); (iii) through (vii)(A) through (N); (viii) and (ix)(A) through (C)	Employees with exposure or designated responders.	Initial/Annual When Modifications of tasks & procedures
Cotton Dust	1910.1043(i)(1)(i)(A) through (F) and (2)(i) and (ii)	All employees exposed to cotton dust	Initial/Annual When job assignments or work processes change, and when employee performance indicates a need for retraining.
1,2-Dibromo-3-Chloropropane	1910.1044(n)(1)(i) and (ii)(a) through (e) and (n)(2)(i) and (ii)	All employees who may be exposed to DBCP	Initial
Acrylonitrile (Vinyl Cyanide)	1910.1045(o)(1) and (iii)(A) through (G) and (2)(i) and (ii)	All employees exposed to AN above the action level, all employees whose exposures are maintained below the action level by engineering and work practice controls, and all employees subject to potential skin or eye contact with liquid AN.	Initial/ Annual
Ethylene Oxide	1910.1047(j)(3)(i); (ii)(A) through (D) and (iii)(A) through (D)	employees who are potentially exposed to EtO at or above the action level	Initial/ Annual
Formaldehyde	1910.1048(n)(1) through (3)(i) and (ii)(A) and (B)(iii) through (vii)	Employees with exposure at or above 0.1 ppm	Initial/ Annual and when changes occur
4,4' Methylenedianiline	1910.1050(k)(3)(i) and (ii)(A) and (4)(i)(ii)	All employees who may be exposed	Initial/ Annual
1,3-Butadiene	1910.1051(l) (2)(i) through (iv)	All employees who may be exposed BD at or above the action level or the STEL	Initial/Annual
Methylene Chloride	1910.1052 (l) (1) - (8)	All employees who may be exposed to Methylene Chloride	Initially and whenever changes may cause the employee to be exposed above the action level.



Type of Activity/Training	Legal Authority (OSHA Standard)	Who Receives	How Often?
Respirable Crystalline Silica	1910.1053(j)(3)(i) & (ii)	Employees working in an area with Respirable Crystalline Silica	Initial
Hazardous Communication	1910.1200(h)	All employees exposed to hazardous chemicals or have the potential for exposure	Initial/When hazard changes/New hazard-chemicals are introduced.

The recommendations included in this report are intended to assist you in your compliance efforts. The recommendations may not include or identify all of the corrective actions necessary to ensure compliance with federal, state or local laws, regulations, codes and standards. This report and the recommendations contained herein do not guarantee that all workplace hazards were identified on the date of visit or that your workplace is free of occupational hazards. The absence of a recommendation does not indicate compliance with any applicable laws, regulations, codes or standards. Compliance with the recommendations contained in this report does not guarantee you have satisfied all legal obligations.

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