



## OSHA General Industry Standards (29 CFR 1910) Requiring Annual Training

	<i>safe respirator use.</i>
<b>Fire Brigades</b> - <u>1910.156(c)(2)</u>	<i>The employer shall assure that training and education is conducted frequently enough to assure that each member of the fire brigade is able to perform the member's assigned duties and functions satisfactorily and in a safe manner so as not to endanger fire brigade members or other employees. All fire brigade members shall be <u>provided with training at least annually</u>. In addition, fire brigade members who are expected to perform interior structural fire-fighting shall be provided with an education session or training at least quarterly.</i>
<b>Portable Fire Extinguishers</b> - <u>1910.157(g)(2)</u>  - <u>1910.157(g)(4)</u>	<i>The employer shall provide the education required in paragraph (g)(1) of this section upon initial employment and <u>at least annually thereafter</u>.</i>  <i>The employer shall provide the training required in paragraph (g)(3) of this section upon initial assignment to the designated group of employees and <u>at least annually thereafter</u>.</i>
<b>Fixed Extinguishing Systems</b> - <u>1910.158(b)(10)</u>	<i>The employer shall train employees designated to inspect, maintain, operate, or repair fixed extinguishing systems <u>and annually review their training to keep them up-to-date in the functions they are to perform</u>.</i>
<b>Mechanical Power Presses</b> - <u>1910.217(h)(13)(i)</u>	<i>The operator training required by paragraph (f)(2) of this section shall be provided to the employee before the employee initially operates the press and as needed to maintain competence, but <u>not less than annually thereafter</u>. It shall include instruction relative to the following items for presses used in the PSDI mode.</i>
<b>Asbestos</b> - <u>1910.1001(j)(2)(i) &amp; (ii)</u>  - <u>1910.1001(j)(2)(iv)</u>	<i>(i) The employer shall train each employee who is exposed to airborne concentrations of asbestos at or above the PEL and/or excursion limit in accordance with the requirements of this section. The employer shall institute a training program and ensure employee participation in the program.</i>  <i>(ii) Training shall be provided prior to or at the time of initial assignment and <u>at least annually thereafter</u>.</i>  <i>(iv) The employer shall also provide, at no cost to employees who perform housekeeping operations in an area which contains ACM or PACM, an</i>

## OSHA General Industry Standards (29 CFR 1910) Requiring Annual Training

	<i>asbestos awareness training course, which shall at a minimum contain the following elements: health effects of asbestos, locations of ACM and PACM in the building/facility, recognition of ACM and PACM damage and deterioration, requirements in this standard relating to housekeeping, and proper response to fiber release episodes, to all employees who perform housekeeping work in areas where ACM and/or PACM is present. Each such employee shall be so <u>trained at least once a year</u>.</i>
<b>Thirteen Carcinogens</b> <b>- <u>1910.1003-1016(e)(5)(I)</u></b>	<i>A review of this section at the employee's first training and indoctrination program <u>and annually thereafter</u>.</i>
<b>Vinyl Chloride</b> <b>- <u>1910.1017(j)(1)(ix)</u></b>	<i>A review of this standard at the employee's first training and indoctrination program, <u>and annually thereafter</u>.</i>
<b>Inorganic Arsenic</b> <b>- <u>1910.1018(O)(1)(ii)</u></b>	<i>(ii) The training program shall be provided by October 1, 1978, for employees covered by this provision, at the time of initial assignment for those subsequently covered by this provision, <u>and at least annually</u> for other covered employees thereafter; and the employer shall assure that each employee is informed of the following . . .</i>
<b>Access to Employee Exposure and Medical Records</b> <b>- <u>1910.1020(g)(1)(i)-(iii)</u></b>	<i>Upon an employee's first entering into employment, <u>and at least annually thereafter</u>, each employer shall inform current employees covered by this section of the following:</i>  <i>(i) The existence, location, and availability of any records covered by this section;</i>  <i>(ii) The person responsible for maintaining and providing access to records; and</i>  <i>(iii) Each employee's rights of access to these records.</i>
<b>Lead</b> <b>- <u>1910.1025(l)(1)(iv)</u></b>	<i>The training program shall be <u>repeated at least annually</u> for each employee.</i>
<b>Cadmium</b> <b>- <u>1910.1027(m)(4)(ii)</u></b>	<i>Training shall be provided prior to or at the time of initial assignment to a job involving potential exposure to cadmium <u>and at least annually thereafter</u>.</i>
<b>Benzene</b>	<i>The employer shall provide employees with information and training at the time of their initial assignment to a work area where benzene is present. If</i>

## OSHA General Industry Standards (29 CFR 1910) Requiring Annual Training

<p>- <b><u>1910.1028(j)(3)(i)</u></b></p>	<p><i>exposures are above the action level, employees shall be provided with information and <u>training at least annually thereafter.</u></i></p>
<p><b>Coke Oven Emissions</b></p> <p>- <b><u>1910.1029(k)(1)(iii)</u></b></p>	<p><i>The training program shall be <u>provided at least annually</u> for all employees who are employed in the regulated area, except that training regarding the occupational safety and health hazards associated with exposure to coke oven emissions and the purpose, proper use, and limitations of respiratory protective devices shall be provided at least quarterly until January 20, 1978.</i></p>
<p><b>Bloodborne Pathogens</b></p> <p>- <b><u>1910.1030(g)(2)(ii)</u></b></p>	<p><i>(ii) Training shall be provided as follows:</i></p> <p><i>(A) - At the time of initial assignment to tasks where occupational exposure may take place;</i></p> <p><i>(B) - <u>At least annually thereafter.</u></i></p>
<p><b>Cotton Dust</b></p> <p>- <b><u>1910.1043(i)(1)(ii)</u></b></p>	<p><i>The training program shall be provided prior to initial assignment <u>and shall be repeated annually</u> for each employee exposed to cotton dust, when job assignments or work processes change and when employee performance indicates a need for retraining.</i></p>
<p><b>Acrylonitrile (Vinyl Cyanide)</b></p> <p>- <b><u>1910.1045(O)(1)(ii)</u></b></p>	<p><i>Training shall be provided at the time of initial assignment, or upon institution of the training program, <u>and at least annually thereafter</u>, and the employer shall assure that each employee is informed of the following:</i></p> <p><i>(A) - The information contained in appendixes A and B;</i></p> <p><i>(B) - The quantity, location, manner of use, release, or storage of AN, and the specific nature of operations which could result in exposure to AN, as well as any necessary protective steps;</i></p> <p><i>(C) - The purpose, proper use, and limitations of respirators and protective clothing;</i></p> <p><i>(D) - The purpose and a description of the medical surveillance program required by paragraph (n) of this section;</i></p> <p><i>(E) - The emergency procedures developed, as required by paragraph (i) of this section;</i></p> <p><i>(F) - Engineering and work practice controls, their function, and the employee's relationship to these controls; and</i></p> <p><i>(G) - A review of this standard.</i></p>
<p><b>Ethylene Oxide</b></p>	<p><i>The employer shall provide employees who are potentially exposed to EtO at</i></p>

## **OSHA General Industry Standards (29 CFR 1910) Requiring Annual Training**

<p>- <b><u>1910.1047(j)(3)(i)</u></b></p>	<p><i>or above the action level or above the excursion limit with information and training on EtO at the time of initial assignment <u>and at least annually thereafter</u></i></p>
<p><b>Formaldehyde</b> - <b><u>1910.1048(n)(2)</u></b></p>	<p><i>Frequency. Employers shall provide such information and training to employees at the time of initial assignment, and whenever a new exposure to formaldehyde is introduced into the work area. The <u>training shall be repeated at least annually.</u></i></p>
<p><b>Methylenedianiline</b> - <b><u>1910.1053(k)(3)(i)</u></b></p>	<p><i>The employer shall provide employees with information and training on MDA, in accordance with 29 CFR 1910.1200(h), at the time of initial assignment <u>and at least annually thereafter.</u></i></p>
<p><b>1,3-Butadiene</b> - <b><u>1910.1051(l)(2)(iii)</u></b></p>	<p><i>Training shall be provided prior to or at the time of initial assignment to a job potentially involving exposure to BD at or above the action level or STEL <u>and at least annually thereafter.</u></i></p>

### **Important caveats** to keep in mind:

- First of all, this list only addresses those Federal OSHA standards that directly require the employer to provide affected workers with training or information at least once a year, and does not include those standards that may require refresher training in special cases such as when certain program procedures or equipment are changed, or when an annually required program/procedure review require an overview of the procedures and/or refresher training (e.g.: electric power generation, transmission and distribution, forklift operator evaluation . . .);
- The list does not include the requirement in the "Control of Hazardous Energy" standard (1910.147) for employers to review applicable lockout/tagout procedures annually with authorized workers.
- This list also does not show standards that require refresher training at longer time intervals (e.g.: the Process Safety Management (PSM) standard (1910.119) requires refresher training every three years and the Industrial Truck standard (1910.178) require operator reevaluation every three years, not retraining unless other circumstances require retraining such as an accident or different type of truck is assigned);
- Nor does it address those standards that incorporate by reference specific training sponsored by a specific organization that might require annual refresher training (e.g.: Red Cross first aid or CPR classes);
- In addition, this table does not list any OSHA standards that reference other standards which require annual refresher training (e.g.: the overhead crane standard requires

## **OSHA General Industry Standards (29 CFR 1910) Requiring Annual Training**

employees using portable fire extinguishers be trained per 1910.157, but it does not specifically mention the annual refresher specifically required in 1910.157);

- And it does not address the annual “practice” drill using simulated rescue operations required for employees who perform permit-required confined space rescue services;