

## 29 CFR Part 1910 – General Industry STANDARDS REQUIRING SAFETY AND HEALTH TRAINING

The table below includes 29 CFR Part 1910 - General Industry standards, 29 CFR Part 1904 – Recordkeeping standards, and North Carolina State-Specific standards that require training. Some require documentation and/or certification that training has been conducted while some do not require documentation of any kind. As such, the standard should be reviewed to ensure that all required documentation is being maintained.

**Note:** *It is recommended, as a “best practice”, to always document your training even if a standard does not require it.*

### Free Outreach Resources:

[Safety and Health Programs and Plans](#) (i.e., Example Programs to be Made Site-Specific)

[A - Z Safety and Health Topics](#) (i.e., Learn More About Safety and Health Topics)

[Which Standards Apply?](#) (Identify the Standards Applicable to Your Worksite)

[Safety and Health Presentations](#) (Downloadable Presentations to be Made Site-Specific)

[OSH Training Calendar](#) (i.e., Register for Webinars, In-Person Classroom Training, Virtual Events)

[Streaming Video Services](#) (On-Demand Training)

[Request Outreach Services](#) (i.e., Request Training, Booths, Guest Speaker)

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<b>29 CFR PART 1910—GENERAL INDUSTRY</b>		
<b>SUBPART D—WALKING-WORKING SURFACES</b>	<b>TRAINING</b>	<b>DOCUMENTED</b>
<b>1910.27—Scaffolds and Rope Descent Systems</b> <i>(References 1910.30—Training Requirements and 1926 Subpart L—Scaffolds)</i>	<i>Rope Descent Systems (Reference 1910.30)</i> - Initially – Proper rigging/equipment use - Retraining (i.e., Inadequacies, changes)	<i>Not Stated</i>
	<i>Scaffolds (Reference 1926.454)</i> - Initially (i.e., Performs work on inspecting, dismantling, erecting) - Retraining (i.e., Inadequacies, changes)	<i>Not Stated</i>
<b>1910.28—Duty to Have Fall Protection and Falling Object Protection</b> <i>(References 1910.29—Fall Protection Systems and Falling Object Protection-Criteria and Practices, 1910.30—Training Requirements, 1926.502—Fall Protection Systems Criteria and Practices and 1926.503—Fall Protection - Training Requirements)</i>	<i>Unprotected Sides and Edges (Reference 1926.503)</i> - Initially – Fall hazards - Retraining – Fall hazards	<i>Certification of Training</i>
	<i>Outdoor Advertising Billboards (Reference 1910.29, 1926.502 and 1926.503)</i> - Initially – Climbing, fall hazards - Retraining – Climbing, fall hazards	<i>Certification of Training (Reference 1926.503)</i>
	<i>Unprotected Sides and Edges – Authorized Employees (Reference 1910.30)</i>	<i>Not Stated</i>

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	<ul style="list-style-type: none"> <li>- Initially – Fall hazards</li> <li>- Retraining – Fall hazards</li> </ul>	
	<p><i>Dockboards (Reference 1910.30)</i></p> <ul style="list-style-type: none"> <li>- Initially – Secure</li> <li>- Retraining –Secure</li> </ul>	<i>Not Stated</i>
	<p><i>Slaughtering Facility Platforms (Reference 1910.30)</i></p> <ul style="list-style-type: none"> <li>- Initially – Fall hazards</li> <li>- Retraining – Fall hazards</li> </ul>	<i>Not Stated</i>
	<p><i>Platform - Authorized Employee (Reference 1910.30)</i></p> <ul style="list-style-type: none"> <li>- Initially – Fall hazards</li> <li>- Retraining – Fall hazards</li> </ul>	<i>Not Stated</i>
	<p><i>Repair Pits, Service Pits and Assembly Pits - Authorized Employee (Reference 1910.30)</i></p> <ul style="list-style-type: none"> <li>- Initially – Fall hazards</li> <li>- Retraining – Fall hazards</li> </ul>	<i>Not Stated</i>
<b>1910.29—Fall Protection Systems and Falling Object Protection – Criteria and Practices</b>	<p><i>Outdoor Advertising Billboards</i></p> <ul style="list-style-type: none"> <li>- Initially – Climbing,</li> <li>- Retraining – Climbing</li> </ul>	<i>Not Stated</i>
<b>1910.30—Training Requirements</b>	<p><i>Unprotected Sides and Edges – Authorized Employees</i></p>	<i>Not Stated</i>

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	<ul style="list-style-type: none"> <li>- Initially – Fall hazards</li> <li>- Retraining – Fall hazards</li> </ul>	
	<p><b>Dockboards</b></p> <ul style="list-style-type: none"> <li>- Initially – Secure</li> <li>- Retraining –Secure</li> </ul>	Not Stated
	<p><b>Slaughtering Facility Platforms</b></p> <ul style="list-style-type: none"> <li>- Initially – Fall hazards</li> <li>- Retraining – Fall hazards</li> </ul>	Not Stated
	<p><b>Platform - Authorized Employee</b></p> <ul style="list-style-type: none"> <li>- Initially – Fall hazards</li> <li>- Retraining – Fall hazards</li> </ul>	Not Stated
	<p><b>Repair Pits, Service Pits and Assembly Pits - Authorized Employee</b></p> <ul style="list-style-type: none"> <li>- Initially – Fall hazards</li> <li>- Retraining – Fall hazards</li> </ul>	Not Stated
<b>SUBPART E—EXIT ROUTES AND EMERGENCY PLANNING</b>	<b>TRAINING</b>	<b>DOCUMENTED</b>
<b>1910.38—Emergency Action Plan</b>	<i>Initially</i>	<i>Not Stated</i>
	<i>Refresher (Changes)</i>	<i>Not Stated</i>
<b>1910.39—Fire Prevention Plan</b>	<i>Initially</i>	<i>Not Stated</i>

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	<i>Refresher (Changes)</i>	<i>Not Stated</i>
<b>SUBPART F—POWERED PLATFORMS, MANLIFTS, AND VEHICLE-MOUNTED WORK PLATFORMS</b>	<b>TRAINING</b>	<b>DOCUMENTED</b>
<b>1910.66—Powered Platforms for Building Maintenance</b>	<i>Initially</i>	<i>Training Certification Record</i>
<b>1910.67—Vehicle-Mounted Elevating and Rotating Work Platforms</b>	<i>Initially (Trained personnel)</i>	<i>Not Stated</i>
<b>1910.68—Manlifts</b>	<i>Initially (Trained personnel)</i>	<i>Not Stated</i>
<b>SUBPART G—OCCUPATIONAL HEALTH AND ENVIRONMENTAL CONTROL</b>	<b>TRAINING</b>	<b>DOCUMENTED</b>
<b>1910.95—Occupational Noise Exposure</b>	<i>Initially</i>	<i>Information and Training Materials (i.e., copies of Standard, informational materials)</i>
	<i>Annually</i>	<i>Information and Training Materials (i.e., copies of Standard, informational materials)</i>

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SUBPART H—HAZARDOUS MATERIAL	TRAINING	DOCUMENTED
1910.103—Hydrogen	<i>Initially</i>	<i>Operating Instructions</i>
1910.104—Oxygen	<i>Initially</i>	<i>Operating Instructions</i>
1910.109—Explosives and Blasting Agents	<i>Initially – Explosive hazards, storage cleaning</i>	<i>Not Stated</i>
1910.110—Storage and Handling of Liquefied Petroleum Gases	<i>Initially</i>	<i>Not Stated</i>
1910.111—Storage and Handling of Anhydrous Ammonia	<i>Initially</i>	<i>Not Stated</i>
1910.119—Process Safety Management of Highly Hazardous Chemicals	<i>Initially</i>	<i>Training Certification</i>
	<i>Refresher (Every three years)</i>	<i>Training Record</i>
1910.120—Hazardous Waste Operations and Emergency Response (HAZWOPER)	<i>Clean-up Operations [paragraph (b) – (o)]</i>  <i>- Initially</i>	<i>Training Certification</i>

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	- Annually	
	<i>Treatment, Storage and Disposal (TSD) [paragraph (p)]</i> - Initially - Annually	Competency Certification
	<i>Emergency Response [paragraph (q)]</i> - Initially - Annually	Training Certification
<b>SUBPART I—PERSONAL PROTECTIVE EQUIPMENT</b>	<b>TRAINING</b>	<b>DOCUMENTED</b>
<b>1910.132—General Requirements</b>	<i>Initially</i>	<i>Not Stated</i>
	<i>Refresher</i>	<i>Not Stated</i>
<b>1910.134—Respiratory Protection</b>	<i>Initially</i>	<i>Not Stated</i>
	<i>Annually</i>	<i>Not Stated</i>
	<i>Retrain</i>	<i>Not Stated</i>
<b>SUBPART J—GENERAL ENVIRONMENTAL CONTROLS</b>	<b>TRAINING</b>	<b>DOCUMENTED</b>

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<b>1910.142—Temporary Labor Camps</b>	<i>Initially</i>	<i>Not Stated</i>
<b>1910.145—Specifications for Accident Prevention Signs and Tags</b>	<i>Initial Instruction</i>	<i>Not Stated</i>
<b>1910.146—Permit-Required Confined Spaces</b>	<i>Initially</i>	<i>Training Certification</i>
	<i>Change in Duties or Operations</i>	<i>Training Certification</i>
<b>1910.147—Control of Hazardous Energy</b>	<i>Initially</i>	<i>Training Certification</i>
	<i>Retraining - Change in Duties or Procedures, Inadequacies</i>	<i>Training Certification</i>
<b>SUBPART K—MEDICAL AND FIRST AID</b>	<b>TRAINING</b>	<b>DOCUMENTED</b>
<b>1910.151—Medical Services and First Aid</b>	<i>Initially</i>	<i>Not Stated</i>
<b>SUBPART L—FIRE PROTECTION</b>	<b>TRAINING</b>	<b>DOCUMENTED</b>
<b>1910.156—Fire Brigades</b>	<i>Initially</i>	<i>Not Stated</i>
	<i>Quarterly</i>	<i>Not Stated</i>
	<i>Annually</i>	<i>Not Stated</i>

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<b>1910.157—Portable Fire Extinguishers</b>	<i>Initially</i>	<i>Not Stated</i>
	<i>Annually</i>	<i>Not Stated</i>
<b>1910.158—Standpipe and Hose Systems</b>	<i>Initially</i>	<i>Not Stated</i>
<b>1910.160—Fixed Extinguishing Systems</b>	<i>Initially</i>	<i>Not Stated</i>
	<i>Annually</i>	<i>Not Stated</i>
<b>1910.164—Fire Detection Systems</b>	<i>Initially</i>	<i>Not Stated</i>
<b>1910.165—Employee Alarm Systems</b>	<i>Initially</i>	<i>Not Stated</i>
<b>SUBPART N—MATERIALS HANDLING AND STORAGE</b>	<b>TRAINING</b>	<b>DOCUMENTED</b>
<b>1910.177—Servicing Multi-Piece and Single-Piece Rim Wheels</b>	<i>Initial Information</i>	<i>Charts/Manual</i>
	<i>Retention of Information (Refresher)</i>	<i>Charts/Manual</i>
<b>1910.178—Powered Industrial Trucks</b>	<i>Initially</i>	<i>Training Certification</i>

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	<i>Refresher (i.e., accident, near miss, unsafe operation, different vehicle, workplace changes)</i>	<i>Training Certification</i>
	<i>Three Year Evaluation</i>	<i>Training Certification</i>
<b>1910.179—Overhead and Gantry Cranes</b>	<i>Initially</i>	<i>Not Stated</i>
<b>1910.180—Crawler, Locomotive and Truck Cranes</b>	<i>Initially</i>	<i>Not Stated</i>
<b>1910.183—Helicopters</b>	<i>Initially</i>	<i>Not Stated</i>
	<i>Daily Briefing</i>	<i>Not Stated</i>
<b>SUBPART O—MACHINERY AND MACHINE GUARDING</b>	<b>TRAINING</b>	<b>DOCUMENTED</b>
<b>1910.217—Mechanical Power Press</b>	<i>Initially</i>	<i>Training Certification</i>
	<i>Annually</i>	<i>Training Certification</i>
	<i>Periodic</i>	<i>Training Certification</i>
<b>1910.218—Forging Machines</b>	<i>Initially</i>	<i>Not Stated</i>
<b>SUBPART Q—WELDING, CUTTING AND BRAZING</b>	<b>TRAINING</b>	<b>DOCUMENTED</b>

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<b>1910.252—Welding, Cutting and Brazing – General Requirements</b>	<i>Initially</i>	<i>Not Stated</i>
<b>1910.253—Oxygen-Fuel Gas Welding and Cutting</b>	<i>Initially</i>	<i>Posted Instructions</i>
<b>1910.254—Arc Welding and Cutting</b>	<i>Initially</i>	<i>Posted Instructions</i>
<b>1910.255—Resistance Welding</b>	<i>Initially</i>	<i>Not Stated</i>
<b>SUBPART R—SPECIAL INDUSTRIES</b>	<b>TRAINING</b>	<b>DOCUMENTED</b>
<b>1910.261—Pulp, Paper, and Paperboard Mills</b>	<i>Initially</i>	<i>Not Stated</i>
<b>1910.264—Laundry Machinery</b>	<i>Initial Instruction</i>	<i>Printed Rules</i>
<b>1910.266—Logging Operations</b>	<i>Initially</i>	<i>Training Materials</i>
		<i>Certification Record</i>
	<i>New Tasks, Equipment, Machines, Tools, or Vehicles</i>	<i>Training Materials</i>
		<i>Certification Record</i>

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	<i>First Aid/CPR</i>	<i>Written Exam</i>
		<i>Training Certificate</i>
	<i>Unsafe Job Performance</i>	<i>Training Materials</i>
		<i>Certification Record</i>
<b>1910.268—Telecommunications</b>	<i>Initially</i>	<i>Certification Record</i>
	<i>Derrick Operation Instructions</i>	<i>Posted</i>
<b>1910.269—Electric Power Generation, Transmission and Distribution</b>	<i>Initially (LOTO, Safety-Related Procedure)</i>	<i>Training Certification</i>
	<i>Retraining (New Technology, Equipment, Procedure Changes)</i>	<i>Training Certification</i>
	<i>Retraining (Safety-Related Work Practices Not Normally Used)</i>	<i>Training Certification</i>
	<i>Retraining (Not Complying with Safety-Related Work Practices)</i>	<i>Training Certification</i>
	<i>Initially - First Aid</i>	<i>Not Stated</i>

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	<i>Job Briefings Before Each Daily Job or Shift</i>	<i>Training Certification</i>
<b>1910.272—Grain Handling Facilities</b>	<i>Initially</i>	<i>Not Stated</i>
	<i>Annually</i>	<i>Not Stated</i>
<b>SUBPART S—ELECTRICAL</b>	<b>TRAINING</b>	<b>DOCUMENTED</b>
<b>1910.332—Training</b>	<i>Initially</i>	<i>Not Stated</i>
<b>SUBPART T—COMMERCIAL DIVING OPERATIONS</b>	<b>TRAINING</b>	<b>DOCUMENTED</b>
<b>1910.410—Qualifications of Dive Team</b>	<i>Initially</i>	<i>Not Stated</i>
	<i>Refresher</i>	<i>Not Stated</i>
<b>1910.421—Pre-Dive Procedures</b>	<i>Briefings Before Dive</i>	<i>Not Stated</i>
<b>1910.423—Post-Dive Procedures</b>	<i>After Dive Briefings</i>	<i>Not Stated</i>
<b>SUBPART Z—TOXIC AND HAZARDOUS SUBSTANCES</b>	<b>TRAINING</b>	<b>DOCUMENTED</b>
<b>1910.1001—Asbestos</b>	<i>Initially (Housekeeping, Exposed Employees)</i>	<i>Training Record</i>

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	<i>Annually (Housekeeping, Exposed Employees)</i>	<i>Training Record</i>
<b>1910.1003—13 Carcinogens</b> <i>(4-Nitrobiphenyl, alpha-Naphthylamine, methyl chloromethyl ether, 3,3'-Dichlorobenzidine (and its salts), bis-Chloromethyl ether, beta-Naphthylamine, Benzidine, 4-Aminodiphenyl, Ethyleneimine, beta-Propiolactone, 2-Acetylaminofluorene, 4-Dimethylaminoazo-benzene, and N-Nitrosodimethylamine)</i>	<i>Initially</i>	<i>Posted Emergency Procedures</i>
		<i>Materials</i>
	<i>Annually</i>	<i>Posted Emergency Procedures</i>
		<i>Materials</i>
<b>1910.1017—Vinyl Chloride</b>	<i>Initially</i>	<i>Not Stated</i>
	<i>Annually</i>	<i>Not Stated</i>
<b>1910.1018—Inorganic Arsenic</b>	<i>Initially</i>	<i>Not Stated</i>
	<i>Annually</i>	<i>Not Stated</i>
<b>1910.1020—Access to Employee Exposure and Medical Records</b>	<i>Initially</i>	<i>Not Stated</i>
	<i>Annually</i>	<i>Not Stated</i>

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<b>1910.1024—Beryllium</b>	<i>Initially</i>	<i>Training Record</i>
	<i>Annually</i>	<i>Training Record</i>
<b>1910.1025—Lead</b>	<i>Initially</i>	<i>Training Material</i>
	<i>Annually</i>	<i>Training Material</i>
<b>1910.1026—Chromium (VI)</b>	<i>Initially</i>	<i>Not Stated</i>
	<i>Annually</i>	<i>Not Stated</i>
<b>1910.1027—Cadmium</b>	<i>Initially</i>	<i>Training Record</i>
	<i>Annually</i>	<i>Training Record</i>
<b>1910.1028—Benzene</b>	<i>Initially</i>	<i>Not Stated</i>
	<i>Annually</i>	<i>Not Stated</i>
<b>1910.1029—Coke Oven Emissions</b>	<i>Initially</i>	<i>Training Material</i>

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	<i>Annually</i>	<i>Training Material</i>
<b>1910.1030—Bloodborne Pathogens</b>	<i>Initially</i>	<i>Training Record</i>
	<i>Annually</i>	<i>Training Record</i>
<b>1910.1043—Cotton Dust</b>	<i>Initially</i>	<i>Training Material</i>
	<i>Annually</i>	<i>Training Material</i>
<b>1910.1044—1,2-dibromo-3-chloropropane</b>	<i>Initially</i>	<i>Training Material</i>
	<i>Annually</i>	<i>Training Material</i>
<b>1910.1045—Acrylonitrile</b>	<i>Initially</i>	<i>Training Material</i>
	<i>Annually</i>	<i>Training Material</i>
<b>1910.1047—Ethylene Oxide</b>	<i>Initially</i>	<i>Not Stated</i>
	<i>Annually</i>	<i>Not Stated</i>

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<b>1910.1048—Formaldehyde</b>	<i>Initially</i>	<i>Training Material</i>
	<i>Annually</i>	<i>Training Material</i>
<b>1910.1050—Methylenedianiline</b>	<i>Initially</i>	<i>Training Material</i>
	<i>Annually</i>	<i>Training Material</i>
<b>1910.1051—1,3-Butadiene</b>	<i>Initially</i>	<i>Training Material</i>
	<i>Annually</i>	<i>Training Material</i>
<b>1910.1052—Methylene Chloride</b>	<i>Initially</i>	<i>Not Stated</i>
	<i>Annually</i>	<i>Not Stated</i>
<b>1910.1053—Respirable Crystalline Silica</b>	<i>Initially</i>	<i>Not Stated</i>
	<i>Annually</i>	<i>Not Stated</i>
<b>1910.1096—Ionizing Radiation</b>	<i>Initially</i>	<i>Posted Operating Procedures</i>

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<b>1910.1200—Hazard Communication</b>	<i>Initially</i>	<i>Not Stated</i>
	<i>Prior to new exposure</i>	<i>Not Stated</i>
	<i>Refresher</i>	<i>Not Stated</i>
<b>1910.1450—Occupational Exposure to Hazardous Chemicals in Laboratories</b>	<i>Initially</i>	<i>Reference Material</i>
	<i>Prior to new exposure</i>	<i>Reference Material</i>
	<i>Refresher</i>	<i>Reference Material</i>

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## 29 CFR Part 1904 – Recordkeeping STANDARDS REQUIRING SAFETY AND HEALTH TRAINING

<b>29 CFR PART 1904—RECORDKEEPING</b>		
<b>SUBPART D—OTHER OSHA INJURY AND ILLNESS RECORDKEEPING REQUIREMENTS</b>	<b>TRAINING</b>	<b>DOCUMENTED</b>
<b>1904.35—Recordkeeping—Employee Involvement</b>	<i>Initially</i>	<i>Not Stated</i>

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