

TRAINING REMINDER: OSHA REQUIRED TRAINING for FOUNDRIES

One of the most confusing areas within OSHA compliance is determining which standard require training and how frequently it must be given. To help foundries the AFS Occupational Health and Safety Committee (10-Q) has put together the following list of all OSHA training requirements that might apply to foundry operations. If a standard applies, read each section thoroughly and comply with each requirement.

<u>OSHA GENERAL INDUSTRY STANDARD 29 CFR:</u>	<u>OSHA TRAINING REQUIREMENTS</u>	<u>INITIAL TRAINING</u> X = <u>OSHA REQUIRED</u>	<u>TRAINING WHEN WORKPLACE PROBLEM OCCURS or MATERIALS CHANGE</u> X = <u>OSHA REQUIRED</u>	<u>ANNUAL TRAINING</u>	<u>WRITTEN PROGRAM</u> X = <u>OSHA REQUIRED</u>
Part 1904: Subpart D: 1904.35	Recording & Reporting Injuries & Illnesses: Other Injury & Illness Recordkeeping Req'mts Employee Involvement (Reporting Job Incidences)	X	----	Annual- AFS Recommended	----
Subpart E: 1910.38	Exit Routes & Emergency Planning: Emergency Action Plans- Employee Evacuation & Severe Weather Sheltering	X	X	Annual- AFS Recommended	X
1910.39	Fire Prevention Plans	X	X	Annual- AFS Recommended	X
Subpart G: 1910.95	Occupational Health & Environmental Control: Occupational Noise Exposure	X	X	Annual- OSHA Required	X
Subpart H: 1910.119	Hazardous Materials: Process Safety Management of Highly Hazardous Chemicals	X	X	Every 3 Years- OSHA Required	X
1910.120	Hazardous Waste Operations & Emergency Response (HAZWOPER)	X	X	Annual- OSHA Required	X
Subpart I: 1910.132-.138	Personal Protective Equipment- Eye, Face, Respiratory, Head, Foot, Electrical Protective Equipment, Hand	X	X	---	X
1910.134	Respiratory Protection Respirator Fit Test/Employee Pulmonary Function	X X	X X	Annual- OSHA Required	X
Subpart J: 1910.146 1910.147	General Environmental Controls: Permit Required Confined Spaces Control of Hazardous Energy Lockout/Tagout (LOTO)	X X	X X	Annual- AFS Recommended Annual- AFS Recommended	X X
Subpart K: 1910.151	Medical and First Aid Medical Services & First Aid	X	----	OSHA Required: CPR- Annually First Aid- every 3 years	X
Subpart L: 1910.157	Fire Protection Portable Fire Extinguishers- if used by employees	X	---	Annual- OSHA Required	X
Subpart N: 1910.178	Materials Handling and Storage Powered Industrial Trucks: Classroom Training- Performance Training-	X X	X X	----- Every 3 Years- OSHA Required	X
Subpart O: 1910.212 1910.215 1910.217	Machinery and Machine Guarding: General Requirements for All Machines Abrasive Wheel Machinery Mechanical Power Presses: Training- Maintenance Personnel & Operators	M* & AFS Recommended X	M* & AFS Recommended X	----- ----- Annual- AFS Recommended	----- ----- -----

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		X = <u>OSHA REQUIRED</u>	X = <u>OSHA REQUIRED</u>		X = <u>OSHA REQUIRED</u>
5(a)(1):	General Duty Clause:				
5(a)(1)	Ergonomics- Exposure Control if problem Job	X	X	Annual- OSHA Required	X
5(a)(1)	Workplace Violence Prevention	X	X	Annual- AFS Recommended	X
Subpart P:	Hand & Portable Powered Tools & Other Hand- Held Equipment:				
1910.242	Hand & Portable Powered Tools & Equipment- Hand Grinders, Saws, Drills, etc.	M* & AFS Recommended	M* & AFS Recommended	----	----
Subpart Q:	Welding Cutting & Brazing:				
1901.252	General Requirements	X	X	----	----
Subpart Z:	Toxic and Hazardous Substances:				
1910.1025	Lead- Exposure Above Action Level (AL)	X	X	Annual- OSHA Required	X
1910.1026	Chromium VI (Hexavalent Cr ₆)	X Include in 1910.1200	X	Annual- OSHA Required	X
1910.1027	Cadmium- Exposure in any amount	X	X	Annual- OSHA Required	X
1910.1030	Bloodborne Pathogens-for employees with occupational exposure	X	X	Annual- OSHA Required	X
1910.1048	Formaldehyde- if > 0.1ppm	X	X	Annual- OSHA Required	X
1910.1053	Respirable Crystalline Silica- all exposures above Action Level (AL)	X Include in 1910.1200	X	Annual- OSHA Required	X Written Exposure Control Plan Required
1910.1200	Hazard Communication (HAZCOM)	X	X	Annual- AFS Recommended	X

Additional Reference: OSHA 2254-09R 2015 TRAINING REQUIREMENTS IN OSHA STANDARDS

M*= See Manufacturer's Recommendations