

PROFESSIONAL STRATEGIES FOR OCCUPATIONAL SAFETY



COURSE CATALOG: OSHA STANDARDS

General Industry & Construction (1910 & 1926)

PROFESSIONAL STRATEGIES FOR OCCUPATIONAL SAFETY

COURSE CATALOG

GENERAL INDUSTRY – TITLE 29, CODE OF FEDERAL REGULATIONS PART 1910

SUBPART E – EXIT ROUTES AND EMERGENCY PLANNING

Course	CFR 1910.38: Emergency Action Plans
Objective	<ul style="list-style-type: none">• Procedures for reporting a fire or other emergency• Procedures for emergency evacuation, including type of evacuation and exit route assignments• Procedures to be followed by employees who remain to operate critical plant operations before they evacuate• Procedures to account for all employees after evacuation• Procedures to be followed by employees performing rescue or medical duties• Identify employees who may be contacted during an emergency

Course	CFR 1910.39: Powered Platforms for Building Maintenance
Objective	<ul style="list-style-type: none">• Training will review fire prevention plans when an OSHA standard requires one.• Discuss topics that should be included in a fire prevention plan.

SUBPART F – POWERED PLATFORMS, MANLIFTS, AND VEHICLE-MOUNTED WORK PLATFORMS

Course	CFR 1910.95: Powered Platforms for Building Maintenance
Objective	<ul style="list-style-type: none">• Training will cover the following topics:<ul style="list-style-type: none">○ Recognition of, and preventive measures for, the safety hazards associated with their individual work tasks;○ General recognition and prevention of safety hazards associated with the site of working platforms, including the provisions in the section relating to the particular working platform to be operated;○ Emergency action plan procedures required;○ Work procedures○ Personal fall arrest system inspection, care, use, and system performance.

SUBPART G – OCCUPATIONAL HEALTH & ENVIRONMENTAL CONTROL

Course	CFR 1910.95: Occupational Noise Exposure
Objective	<ul style="list-style-type: none">• The effects of noise on hearing, and• The purpose of hearing protectors, the advantages, disadvantages, and attenuation of various types, and instructions on selection, fitting, use, and care; and• The purpose of audiometric testing, and an explanation of the test procedures

SUBPART H – HAZARDOUS MATERIALS

Course	CFR 1910.106: Flammable Liquids
Objective	<ul style="list-style-type: none">• Understand what to do in flood emergencies; and• Station operators and other employees depend upon to carry out task are informed as to the location and operation of such valves and other equipment necessary.

Course	CFR 1910.109: Explosive and Blasting Agents
Objective	<ul style="list-style-type: none">• The operator shall be trained in the safe operation of the vehicle together with its mixing, conveying, and related equipment.

Course	CFR 1910.110: Storage and Handling of Liquefied Petroleum Gases
Objective	<ul style="list-style-type: none">• Learner will know the general provision applicable to the system in industrial plants and to bulk filling plants.

Course	CFR 1910.111: Storage and Handling of Anhydrous Ammonia
Objective	<ul style="list-style-type: none">• Understand proper techniques for tank car unloading points and operations;

Course	CFR 1910.119: Process Safety Management of Highly Hazardous Chemicals
Objective	<ul style="list-style-type: none">• Discuss specific safety and health hazards, emergency operations including shutdown, and safe work practices applicable to the employee's job tasks.

Course	CFR 1910.120: Hazardous Waste Operations and Emergency Response
Objective	<ul style="list-style-type: none">• Identify names of personnel and alternate responsible for site safety and health;• Understand safety, health, and other hazards present on the site;• Proper usage of personal protective equipment• Present best work practices by which the employee can minimize risks from hazards• Learn safe use of engineering controls and equipment on the site• Provide information on medical surveillance requirements, including recognition of symptoms and signs which might indicate overexposure to hazards

SUBPART I: PERSONAL PROTECTIVE EQUIPMENT

Course	CFR 1910.132: General Requirements
Objective	<ul style="list-style-type: none">• Understand the appropriate personal protective equipment is needed for what and when• Properly don, doff, adjust, and wear PPE• Discuss limitations of PPE• Review proper care, maintenance, useful life, and disposal of the PPE

Course	CFR 1910.134: Respiratory Protection
Objective	<ul style="list-style-type: none">• Understand why the respirator is necessary and how improper fit, usage, or maintenance can compromise the protective effect of the respirator;

	<ul style="list-style-type: none"> • Discuss limitation and capabilities of the respirator; • Learn how to use the respirator effectively in emergency situations, including situations in which the respirator malfunctions; • Inspect, put on and remove, use, and check the seals of the respirator; • Learn procedures for proper maintenance and storage of the respirator; • Recognize medical signs and symptoms that may limit or prevent the effective use of respirators
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SUBPART J – GENERAL ENVIRONMENTAL CONTROLS

Course	CFR 1910.142: Temporary Labor Camps (First Aid)
Objective	<ul style="list-style-type: none"> • Properly maintain first aid facilities in every labor camp for the emergency treatment of injured persons • First aid facilities should be in charge of a person trained to administer first aid and shall be readily accessible for use at all times

Course	CFR 1910.145: Specifications for Accident Prevention Signs and Tags
Objective	<ul style="list-style-type: none"> • Danger Signs – All employees shall be instructed that danger signs indicate immediate danger and that special precautions are necessary. • Caution Signs – All employees shall be instructed that caution signs indicate a possible hazard against which proper precautions should be taken. • Safety Instruction Signs – Safety instruction signs shall be used where there is a need for general instructions and suggestions relative to safety measures.

Course	CFR 1910.146: Permit Required Confines Spaces
Objective	<ul style="list-style-type: none"> • Establish employee proficiency in the duties required by this section and shall introduce new or revised procedures, as necessary, for compliance with this training. • Duties include, but are not limited to: acquiring understanding, knowledge and skills necessary for the safe performance of the duties assigned by the employer • Training shall be provided to the employee when there is a change in permit space operations that presents a hazard about which an employee has not been previously trained.

Course	CFR 1910.147: The Control of Hazardous Energy (Lockout/Tagout)
Objective	<ul style="list-style-type: none"> • Danger Signs – All employees shall be instructed that danger signs indicate immediate danger and that special precautions are necessary. • Caution Signs – All employees shall be instructed that caution signs indicate a possible hazard against which proper precautions should be taken. • Safety Instruction Signs – Safety instruction signs shall be used where there is a need for general instructions and suggestions relative to safety measures.

Course	CFR 1910.147: The Control of Hazardous Energy (Lockout/Tagout)
Objective	<ul style="list-style-type: none"> • Danger Signs – All employees shall be instructed that danger signs indicate immediate danger and that special precautions are necessary. • Caution Signs – All employees shall be instructed that caution signs indicate a possible hazard against which proper precautions should be taken.

	<ul style="list-style-type: none"> • Safety Instruction Signs – Safety instruction signs shall be used where there is a need for general instructions and suggestions relative to safety measures.
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SUBPART K – MEDICAL SERVICES AND FIRST AID

Course	CFR 1910.151: Medical Services and First Aid
Objective	<ul style="list-style-type: none"> • Consult on matters of plant health • Train on the proper use of first aid supplies that are readily available to employees

SUBPART L – FIRE PROTECTION

Course	CFR 1910.155: Fire Protection
Objective	<ul style="list-style-type: none"> • Instruction and hands-on-practice in the operation of equipment, including respiratory protection

Course	CFR 1910.157: Portable Fire Extinguishers
Objective	<ul style="list-style-type: none"> • Familiarize employees with the general principles of fire extinguisher use and the hazards involved with incipient stage firefighting • Train designated employees to use fire equipment appropriately as part of the emergency action plan

SUBPART O – MACHINERY AND MACHINE GUARDING

Course	CFR 1910.217: Mechanical Power Presses
Objective	<ul style="list-style-type: none"> • Furnish instructions with the modification to establish new or changed guidelines for use and care of the power press • Train and instruct the operator in the safe method of work before starting work on any operation

SUBPART Q – WELDING, CUTTING, AND BRAZING

Course	CFR 1910.252: General Requirements
Objective	<ul style="list-style-type: none"> • Train management to recognize the responsibilities for the safe usage of cutting and welding equipment on its property

Course	CFR 1910.253: Oxygen-Fuel Gas Welding and Cutting
Objective	<ul style="list-style-type: none"> • Instruct employees in charge of the oxygen or fuel-gas supply equipment, including generators, and oxygen or fuel-gas distribution piping systems shall be instructed • Discuss rules and instructions covering the operation including generators, and oxygen or fuel-gas distribution piping systems

Course	CFR 1910.254: Arc Welding and Cutting
Objective	<ul style="list-style-type: none"> • Train designated employees to properly operate arc welding equipment

Course	CFR 1910.255: Resistance Welding
Objective	<ul style="list-style-type: none"> • Train designated employees to operate welding equipment

SUBPART R – SPECIAL INDUSTRIES

Course	CFR 1910.264: Laundry Machinery and Operating Rules
Objective	<ul style="list-style-type: none"> • Train employees on general operating rules and safe practices of the hazards relates with their work

SUBPART Z – TOXIC AND HAZARDOUS SUBSTANCES

Course	CFR 1910.1001: Asbestos
Objective	<ul style="list-style-type: none"> • Health effects associated with asbestos exposure • The relationship between smoking and exposure • The quantity, location, manner of use, release, and storage of asbestos, and the specific nature of operations which could result in exposure to asbestos • The engineering control and work practices associated with the employee’s job assignments • The specific procedures implemented to protect employees from exposure to asbestos, such as practices, emergency, and clean-up procedures, and personal protective equipment to be used • The purpose, purpose use, and limitations of respirators and protective clothing (if appropriate) • The purpose and a description of the medical surveillance program • The entire content of this procedure • Provide the names, addresses, and phone numbers of public health organization which provide information, materials, and/or conduct programs concerning smoking cessation • Discuss the requirements for posting signs and affixing labels and the meaning of the required legends for appropriate signs and labels

Course	CFR 1910.1003: 13 Carcinogens (4-Nitrobiphenyl, etc.)
Objective	<ul style="list-style-type: none"> • Training will review the following carcinogenic agents: <ul style="list-style-type: none"> ○ 4-Nitrobiphenyl: 1910.1003 ○ Alpha-Naphthylamine: 1910.1004 ○ Methyl Chloromethyl Ether: 1910.1006 ○ 3,3’-Dichlorobenzidine (and its salts): 1910.1007 ○ Bis-Chloromethyl Ether: 1910.1008 ○ Beta-Naphthylamine: 1910.1009 ○ Benzidine: 1910.1010 ○ 4-Aminodiphenyl: 1910: 1011 ○ Ethyleneimine: 1910.1012 ○ Beta-Propiolactone: 1910.1013 ○ 2-Acetylaminofluorene: 1910.1014 ○ 4-Dimethylaminozobenzene: 1910.1015 ○ N-Nitrosodimethylamine: 1910.1016 • The specific nature of the operation involving a carcinogen addressed by this section that could result in exposure

	<ul style="list-style-type: none"> • The purpose for and application of the medical surveillance program, including, as appropriate, methods of self-examination • The purpose for and application of decontamination practices and purposes • The purpose for and significance of emergency practices and procedures • The employee's specific role in emergency procedures • Specific information to aid the employee in recognition and evaluation of conditions and situations which may result in the release of a carcinogen • The purpose for the and application of specific first-aid procedures and practices
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Course	CFR 1910.1025: Lead
Objective	<ul style="list-style-type: none"> • Train employees exposed to lead at or above the action level • Discuss the content of this standard • The specific nature of the operation which could result in exposure to lead above the action level • The purpose, proper selection, fitting, use, and limitations of respirators • The purpose and a description of the medical surveillance program, and the medical removal protection program including information concerning the adverse health effects associated with exposure to lead • The engineering controls and work practices and work practices associated with the employee's job assignment • The contents of any compliance plan in effect • Provide instructions to employees that chelating agents should not routinely be used to remove lead from their bodies and should not be used at all except under the direction of a licensed physician

Course	CFR 1910.1026: Chromium (VI)
Objective	<ul style="list-style-type: none"> • Discuss the purpose and a description of the medical surveillance program • Provide information on labels on containers of chromium (VI) and to safety datat sheets

Course	CFR 1910.1027: Cadmium
Objective	<ul style="list-style-type: none"> • Health hazards associated with cadmium exposure • Discuss the quantity, location, manner of use, release, and storage cadmium in the workplace and the specific nature of operations that could result in exposure to cadmium, especially exposures above the PEL • The engineering controls and work practices associated with the employee's job assignment • The measures employees can take to protect themselves from exposure to cadmium, including modification of such habits as smoking and person hygiene, and specific procedures the employer has implemented to protect employees from exposure to cadmium such as appropriate work practices, emergency procedures, and the provision of personal protective equipment • The purpose, proper selection, fitting, proper use, and limitations of respirators and protective clothing • The purpose and a description of the medical surveillance program

Course	CFR 1910.1028: Benzene
Objective	<ul style="list-style-type: none"> • Provide employees with information and training where benzene is present

	<ul style="list-style-type: none"> • Train employees on specific information on benzene • Describe the medical surveillance program associated to benzene exposure
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Course	CFR 1910.1030: Bloodborne Pathogens
Objective	<ul style="list-style-type: none"> • Train each employee with occupational exposure to bloodborne pathogens • Provide an accessible copy of the regulatory text of this standard and an explanation of its contents • A general explanation of the epidemiology and symptoms of bloodborne diseases • An explanation of the modes of transmission of bloodborne pathogens • An explanation of the employer's exposure control plan and the means of by which the employee can obtain a copy of the written plan • An explanation of the appropriate methods for recognizing tasks and other activities that may involve exposure to blood and other potentially infectious materials • An explanation of the use and limitations of methods that will prevent or reduce exposure including appropriate engineering controls, work practices, and personal protective equipment • Information on the types, proper use, location, removal, handling, decontamination, and disposal of personal protective equipment • An explanation of the basis for selection of personal protective equipment • Information on the Hepatitis B Vaccine • Information on the appropriate actions to take and persons to contact in an emergency involving blood or other potentially infectious materials • An explanation of the procedures to follow if an exposure incident occurs, including the method of reporting the incident and the medical follow-up that will be made available • Information on the post exposure evaluation and follow-up that the employer is required to provide for the employee following and exposure incident • An explanation of the signs and labels and/or color coding

Course	CFR 1910.1043: Cotton Dust
Objective	<ul style="list-style-type: none"> • The acute and long-term health hazards associated with exposure to cotton dust • The names and descriptions of jobs and processes which could result in exposure to cotton dust at or above the permissible exposure levels • The measures, including work practices required to protect the employee from exposures in excess of the permissible limit • The purpose, proper use and limitation of respirators • The purpose for and a description of the medical surveillance program which will aid exposed employees in understanding the hazards of cotton dust exposure

Course	CFR 1910.1048: Formaldehyde
Objective	<ul style="list-style-type: none"> • Discuss contents of the Material Safety Data Sheet related to the chemical • Discuss purpose for and a description of the medical surveillance program required by this standard, including: <ul style="list-style-type: none"> ○ A description of the potential health hazards associated with exposure to formaldehyde and a description of the signs and symptoms of exposure to formaldehyde ○ Instructions to immediately report to the employer the development of any adverse signs or symptoms that the employee suspects its attributable to formaldehyde exposure

	<ul style="list-style-type: none"> • Description of operations in the work area where formaldehyde is present and an explanation of the date work practices appropriate for limiting exposure to formaldehyde exposure • The purpose for, proper use of, and limitations of personal protective clothing and equipment • Instructions for the handling of spills, emergencies and clean-up procedures • An explanation of the importance of engineering and work practice controls for employees' protection and any necessary instruction in the use of these controls • A review of emergency procedures including the specific duties of assignments of each employee in the event of an emergency
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Course	CFR 1910.1096: Ionizing Radiation
Objective	<ul style="list-style-type: none"> • Inform of the occurrence of radioactive materials or of radiation in such portions of the radiation area • Instruct in the safety problems associated with exposure to such materials or radiation and in precautions or devices to minimize exposure • Instruct in the applicable provisions of this section for the protection of employees from exposure to radiation or radioactive materials • Advise of reports of radiation exposure which employees must request pursuant to the regulations

Course	CFR 1910.1200: Hazard Communication for General Industry
Objective	<ul style="list-style-type: none"> • Methods and observations that may be used to detect the presence or release of a hazardous chemical in the work area • The physical health, simply asphyxiation, combustible dust, and pyrophoric has hazards, as well as hazards not otherwise classified, of the chemicals in the work area • The measures employees can take to protect themselves from these hazards, including specific procedures for exposure to hazardous chemicals, such as appropriate work practices, emergency procedures, and personal protective equipment to be used • The details of the hazard communication program developed by the employee, including an explanation of the labels received on shipped containers and the workplace labeling system used by their employer and the material safety data sheet, including the order of information and how can obtain and use the appropriate hazard information

Course	CFR 1910.1450: Occupational Exposure to Hazardous Chemicals in the Laboratories`
Objective	<ul style="list-style-type: none"> • Train each employee with occupational exposure to bloodborne pathogens • Provide an accessible copy of the regulatory text of this standard and an explanation of its contents • A general explanation of the epidemiology and symptoms of bloodborne diseases • An explanation of the modes of transmission of bloodborne pathogens • An explanation of the employer's exposure control plan and the means of by which the employee can obtain a copy of the written plan • An explanation of the appropriate methods for recognizing tasks and other activities that may involve exposure to blood and other potentially infectious materials • An explanation of the use and limitations of methods that will prevent or reduce exposure including appropriate engineering controls, work practices, and personal protective equipment • Information on the types, proper use, location, removal, handling, decontamination, and disposal of personal protective equipment • An explanation of the basis for selection of personal protective equipment

	<ul style="list-style-type: none"> • Information on the Hepatitis B Vaccine • Information on the appropriate actions to take and persons to contact in an emergency involving blood or other potentially infectious materials • An explanation of the procedures to follow if an exposure incident occurs, including the method of reporting the incident and the medical follow-up that will be made available • Information on the post exposure evaluation and follow-up that the employer is required to provide for the employee following and exposure incident • An explanation of the signs and labels and/or color coding
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CONSTRUCTION – TITLE 29, CODE OF FEDERAL REGULATIONS PART 1910

SUBPART B – ADOPTION AND EXTENSION OF ESTABLISHED FEDERAL STANDARDS

Course	CFR 1910.12: Construction Work
Objective	<ul style="list-style-type: none"> • Discuss the employers' responsibilities to protect the places of employment of each of his employees engaged in construction work by complying with the appropriate standards

CONSTRUCTION – TITLE 29, CODE OF FEDERAL REGULATIONS PART 1926

Course	CFR 1926.20: General Safety and Health Provisions
Objective	<ul style="list-style-type: none"> • Train employees on hazards and related matters over general and safety measures for construction

Course	CFR 1926.21: Safety Training and Education
Objective	<ul style="list-style-type: none"> • Instruct each employee in the recognition and avoidance of unsafe conditions and the regulations applicable to his work environment to control or eliminate any hazards or other exposure to illness or injury • Train employees to properly handle or use poisons, caustics, and other harmful substances and make them aware of the potential hazards, personal hygiene, and personal protective measures required. • In job site areas where harmful plants or animals are present, employees who may be exposed shall be instructed regarding the potential hazards, and how to avoid injury, and the first aid procedures to be used in the event of injury • Train employees that are required to handle or use flammable liquids, gases, or toxic materials on the safe handling and use of these materials • All employees required to enter into a confined or enclosed space shall be instructed as to the nature of the hazards involved, the necessary precautions to take, and the proper use of protective and emergency equipment required.

Course	CFR 1926.32: Definitions
Objective	<ul style="list-style-type: none"> • Train employees on the differences of meaning of the following terms: "Competent Person" and "Qualified"

Course	CFR 1926.35: Employee Emergency Action Plans
Objective	<ul style="list-style-type: none"> • Train designated employees on the employers' emergency action plan

	<ul style="list-style-type: none"> Review with each employee upon initial assignment those parts of the plan which the employee must know to protect the employee in the event of an emergency
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SUBPART D – OCCUPATIONAL HEALTH AND ENVIRONMENTAL CONTROLS

Course	CFR 1926.50: Medical Services and First Aid
Objective	<ul style="list-style-type: none"> Train on immediate medical services and first aid that can be rendered for businesses that do not have an infirmary, clinic, hospital, or physician that is readily accessible in terms of time and distance to the worksite.

Course	CFR 1926.53: Ionizing Radiation
Objective	<ul style="list-style-type: none"> Train employees that have direct contact with radioactive materials or X-rays on the proper and safe operation of such equipment

Course	CFR 1926.54: Nonionizing Radiation
Objective	<ul style="list-style-type: none"> Qualified employees shall be trained to properly install, adjust, and operate laser equipment.

Course	CFR 1926.55: Gases, Vapors, Fumes, Dusts, and Mists
Objective	<ul style="list-style-type: none"> Discuss exposure of employees to inhalation, ingestion, skin absorption, or contact with any material or substance at a concentration above those specified in the “Threshold Limit Values of Airborne Contaminants for 1970”

Course	CFR 1926.57: Ventilation
Objective	<ul style="list-style-type: none"> Instruct employees that work in and around open-surface tank operations on the hazards of their respective jobs Train on the proper use of personal protective equipment and first aid procedures applicable to these hazards

Course	CFR 1926.59: Hazard Communication for Construction
Objective	<ul style="list-style-type: none"> Methods and observations that may be used to detect the presence or release of a hazardous chemical in the work area The physical health, simply asphyxiation, combustible dust, and pyrophoric has hazards, as well as hazards not otherwise classified, of the chemicals in the work area The measures employees can take to protect themselves from these hazards, including specific procedures for exposure to hazardous chemicals, such as appropriate work practices, emergency procedures, and personal protective equipment to be used The details of the hazard communication program developed by the employee, including an explanation of the labels received on shipped containers and the workplace labeling system used by their employer and the material safety data sheet, including the order of information and how can obtain and use the appropriate hazard information

Course	CFR 1926.61: Retention of DOT Markings, Placards, and Labels
Objective	<ul style="list-style-type: none"> Discuss requirements and differences of DOT markings, placards, and labels for non-bulk packages which will not be reshipped

	<ul style="list-style-type: none"> ○ The provision of this section is met if label or other acceptable marking is affixed in accordance with the Hazard Communication Standard (29 CFR 1910.1200)
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Course	CFR 1926.62: Lead in Construction
Objective	<ul style="list-style-type: none"> • Discuss labels on containers of lead and safety data sheets • Train in accordance with the provisions of Hazard Communication Standard (HCS) • Provide information to employees over the hazards of <ul style="list-style-type: none"> ○ Reproductive/developmental toxicity ○ Central nervous system effects ○ Kidney effects ○ Blood effects ○ Acute toxicity effects • Provide overall content of this standard and the employers' responsibilities • Discuss specific nature of the operations which could result in exposure to lead above the action levels • Train employees of the purpose, proper selection, fitting, use, and limitations of respirators • Describe the importance of a medical surveillance program • Provide Information concerning the adverse health effects associated with excessive exposure to lead • Discuss best work practices associated with the employee's job assignments • Provide information on the current contents of any compliance plan in effect by the employer • Instruct employees on chelating agents that should not routinely be used to remove lead from their bodies and should not be used at all except under the direction of a licensed physician

Course	CFR 1926.64: Process Safety Management of Highly Hazardous Chemicals
Objective	<p><u>INITIAL TRAINING</u></p> <ul style="list-style-type: none"> • Each employee presently involved in operating a process, and each employee before being involved in operating a newly assigned process, shall be trained in an overview of the process and in the operating procedures • Training will include emphasis on the specific safety and health hazards, emergency operations including shutdown, and safe work practices applicable to the employee's job tasks • Train each employee involved in maintain the ongoing integrity of process equipment in an overview of that process and its hazards and in the procedures applicable to the employee's job tasks to assure that the employee can perform the job tasks in a safe manner. • Discuss changes to employees that are involved in operating a process/maintenance and contract employees whose job tasks will be affected by a change in the process prior to the startup of the process or affected part of the process

Course	CFR 1926.65: Hazardous Waste Operations and Emergency Response
Objective	<ul style="list-style-type: none"> • The training program will focus on identifying, evaluating, and control safety and health hazards measures for emergency response for hazardous waste operations.

SUBPART E – PERSONAL PROTECTIVE AND LIFE SAVING EQUIPMENT

Course	CFR 1926.102: Eye and Face Protection
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Objective	<ul style="list-style-type: none"> The training will cover eye and face protection based on the limitations and precautions are indicated by the manufacturer and that these requirements are strictly observed.
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Course	CFR 1926.103: Respiratory Protection
Objective	<ul style="list-style-type: none"> Discuss the applicable requirements to construction work that are covered in this section.

Course	CFR 1926.134: Respiratory Protection
Objective	<ul style="list-style-type: none"> This training will review the permissible practices and the importance of a respiratory protection program. Discuss the necessary purposes of a respirator and how improper fit, usage, or maintenance can compromise the protective effect of the respirator Cover the limitations and capabilities of the respirator. Discuss the effectiveness of a respirator in emergency situations, including situations in which the respirator malfunctions. Provide information on how to properly inspect, put on and remove, use, and check the seals of the respirator. Provide information on what the procedures are for maintenance and storage of the respirator. Discuss the importance of how to recognize medical signs and symptoms that may limit or prevent the effective use of respirators. Discuss overview of the general requirements of this section.

SUBPART F – FIRE PROTECTION AND PREVENTION

Course	CFR 1926.150: Fire Protection
Objective	<ul style="list-style-type: none"> Provide training on the proper development of a fire protection program to be followed throughout all phases of the construction and demolition work.

Course	CFR 1926.155: Definitions Applicable to this Subpart
Objective	<ul style="list-style-type: none"> Provide an overview of the definitions on a fire brigade. Fire brigade means an organized group of employees that are knowledgeable, trained, and skilled in the safe evacuation of employees during emergency situations and in assisting in firefighting operations.

SUBPART G – SIGNS, SIGNALS, AND BARRICADES

Course	CFR 1926.200: Accident Prevention Signs and Tags
Objective	<ul style="list-style-type: none"> Training will cover the importance of traffic signs at points of hazard in construction areas.

Course	CFR 1926.201: Signaling
Objective	<ul style="list-style-type: none"> Training will cover signaling by flaggers and the use of flaggers, including warning garments worn by flaggers.

Course	CFR 1926.202: Barricades
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Objective	<ul style="list-style-type: none"> • Training will cover the importance of barricades. • Proper protection for employees.
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SUBPART I – TOOLS: HAND AND POWER

Course	CFR 1926.300: General Requirements
Objective	<ul style="list-style-type: none"> • Training will cover the general requirements that employees must adhere to when using hand and power tools. • Discuss the hazards of falling, flying, abrasive, and splashing objects, or exposed to harmful dusts, fumes, mists, vapors, or gases. • Training will also include which personal protective equipment that is necessary to protect them from the hazard.

Course	CFR 1926.302: Power-Operated Hand Tools
Objective	<ul style="list-style-type: none"> • Training will discuss the operation of particular tools. Only employees who have this training will be able to operate powder-actuated tool.

SUBPART J – WELDING AND CUTTING

Course	CFR 1926.350: Gas Welding and Cutting
Objective	<ul style="list-style-type: none"> • Training will provide pertinent information on in-plant handling, storage, and utilization of all compressed gases in cylinders, portable tanks, rail tank cars, or motor vehicle cargo tanks.

Course	CFR 1926.351: Arc Welding and Cutting
Objective	<ul style="list-style-type: none"> • Training will instruct employees in the safe means of arc welding and cutting as follows: <ul style="list-style-type: none"> ○ When electrode holders are to be left unattended, the electrodes shall be removed and the holders shall be so placed or protected that they cannot make electrical contact with employees of conducting objects. ○ Hot electrode holders shall not be dipped in water: to do so may expose the arc welder or cutter to electric shock. ○ When the arc welder or cutter has occasion to leave his work or to stop work for any appreciable length of time, or when the arc welding or cutting machine is to be moved the power supply switch to the equipment shall be opened. ○ Any faulty or defective equipment shall be reported to the supervisor.

Course	CFR 1926.352: Fire Prevention
Objective	<ul style="list-style-type: none"> • Discuss fire prevention precautions for welding, cutting, and heating operations. • Provide information to employees on how to guard against fire while the actual welding, cutting, or heating operation is performed, and for a sufficient period of time after completion of the work to ensure that no possibility of fire exists. • Discuss welding, cutting, or heating when performed on walls, floors, and ceilings, since direct penetration of sparks or heat transfer may introduce a fire hazard to an adjacent area.

SUBPART K – ELECTRICAL

Course	CFR 1926.416: General Requirements
Objective	<ul style="list-style-type: none">• Training will provide information on the general requirements for electrical protection.• Review the required warning signs that the employer must post and maintain where an electrical circuit exists.• Ensure that the employees understand the locations of electrical lines, the hazards involved, and the protective measures to be taken.

SUBPART L – SCAFFOLDS

Course	CFR 1926.450: Scope, Application, and Definitions Applicable to this Subpart
Objective	<ul style="list-style-type: none">• Training will review the overall scope applicable to this subpart.• Review the importance of solving and resolving problems related to this subject matter, the work, or the project.

Course	CFR 1926.451: General Requirements
Objective	<ul style="list-style-type: none">• Training will provide information on how scaffolds shall be erected, moved, dismantled, or altered under the supervision and direction of a competent person qualified in this area.• Discuss how such activities shall be performed only by experienced and trained employees selected for such work by the competent person.

Course	CFR 1926.454: Training Requirements
Objective	<ul style="list-style-type: none">• Training will provide information on how employees should perform work while on a scaffold.• Discuss the importance of recognizing the hazards associated with the type of scaffold being used to understand the procedures to control or minimize those hazards.<ul style="list-style-type: none">○ The nature of any electrical hazards, fall hazards, and falling objects hazards in the work area;○ The correct procedures for dealing with electrical hazards and for erecting, maintaining, and disassembling the fall protection systems and falling object protection systems being used;○ The proper use of the scaffold, and the proper handling of materials on the scaffold;○ The maximum intended load and the load-carrying capacities of the scaffolds used; and○ Any other pertinent requirements covered in this subchapter.

SUBPART M – FALL PROTECTION

Course	CFR 1926.503: Training Requirements
Objective	<ul style="list-style-type: none">• Training will enable each employee to recognize the hazards of falling and shall train each employee in the procedures to be followed in order to minimize hazards.• Training will make an employee a competent person that will be qualified in the following areas:<ul style="list-style-type: none">○ The nature of fall hazards in the workplace;○ The correct procedures for erecting, maintaining, disassembling, and inspecting the fall protection systems to be used;

	<ul style="list-style-type: none"> ○ The use and operation of guardrail systems, personal fall arrest systems, safety net systems, warning line systems, safety monitoring systems, controlled access zones, and other protection to be used; ○ The role of each employee in the safety monitoring system when the system is used; ○ The limitations on the use of mechanical equipment during the performance of roofing work on low-sloped roofs; ○ The correct procedures for the handling and storage of the equipment and materials and the erection of overhead protection; and ○ The role of employees in fall protection plans.
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SUBPART O – MOTOR VEHICLES, MECHANIZED EQUIPMENT, AND MARINE OPERATIONS

Course	CFR 1926.602: Material Handling Equipment
Objective	<ul style="list-style-type: none"> • Training will review the requirements applicable to construction work related to this subchapter. • Training will make an employee a competent industrial truck operator.

Course	CFR 1910.178: Power Industrial Trucks
Objective	<ul style="list-style-type: none"> • Training is for industrial truck operators in the following topics: • Training on Truck-Related Topics: <ul style="list-style-type: none"> ○ Operating instructions, warnings, and precautions for the types of truck the operator will be authorized to operate; ○ Differences between the truck and the automobile; ○ Truck controls and instrumentation: where they are located, what they do, and how they work; ○ Engine or motor operation; ○ Steering and maneuvering; ○ Visibility (including restriction due to loading); ○ Fork and attachment adaptation, operation, and use limitations; ○ Vehicle capacity; ○ Vehicle stability; ○ Any vehicle inspection and maintenance that the operator will be required to perform; ○ Refueling and/or charging and recharging of batteries; ○ Operating limitations; and ○ Any other operating instructions, warnings, or precautions listed in the operator's manual for the types of vehicle that the employee is being trained to operate. • Training on Workplace-Related Topics: <ul style="list-style-type: none"> ○ Surface conditions where the vehicle will be operated; ○ Composition of loads to be carried and load stability; ○ Load manipulation, stacking, and unstacking; ○ Pedestrian traffic in areas where the vehicle will be operated; ○ Narrow aisles and other restricted places where the vehicle will be operated; ○ Hazardous (classified) location where the vehicle will be operated; ○ Ramps and other sloped surfaces that could affect the vehicle's stability; ○ Closed environments and other areas where insufficient ventilation or poor vehicle maintenance could cause a buildup of carbon monoxide or diesel exhaust; and

	<ul style="list-style-type: none"> ○ Other unique or potentially hazardous environmental conditions in the workplace that could affect safe operation.
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SUBPART X – STAIRWAY AND LADDERS

Course	CFR 1926.1060: Training Requirements
Objective	<ul style="list-style-type: none"> • Training will enables each employee to recognize hazards related to ladders and stairways, and shall train each employee in the procedures to be followed to minimize these hazards: <ul style="list-style-type: none"> ○ The nature of fall hazards in the work area; ○ The correct procedures for erecting, maintain, and disassembling the fall protection systems to be used; ○ The proper construction, use, placement, and care in handling of all stairways and ladders; ○ The maximum intended load-carrying capacities of ladders used; and ○ The standards contained in this subpart.

SUBPART Z – TOXIC AND HAZARDOUS SUBSTANCES

Course	CFR 1926.1101: Asbestos
Objective	<ul style="list-style-type: none"> • Training will provide information to those employees who will be exposed in excess of a PEL.

Course	CFR 1926.1126: Chromium (VI)
Objective	<ul style="list-style-type: none"> • Training will include information on Chromium (VI). • Provide information on how to provide employees access to label containers of chromium and safety data sheets.

Course	CFR 1926.1127: Cadmium
Objective	<ul style="list-style-type: none"> • Training will cover all the following: <ul style="list-style-type: none"> ○ The health hazards associated with Cadmium exposure, with special attention to the information in this section. ○ The quantity, location, manner of use, release, and storage of cadmium in the workplace and the specific nature of operations that could result in exposure to cadmium, especially exposures above the PEL; ○ The engineering controls and work practices associated with the employee’s job assignments; ○ The measures employees can take to protect themselves from exposure to cadmium, including modification of such habits as smoking and personal hygiene, and specific procedures the employer has implemented to protect employees from exposure to cadmium such as appropriate work practices, emergency procedures, and the provision of personal protective equipment; ○ The purpose, proper selection, fitting, proper use, and limitations of respirators and protective clothing; ○ The purpose and a description of the medical surveillance program required by paragraph (1) of this section; ○ The contents of this section and its appendices; and ○ The employee’s rights of access to records.

SUBPART AA – CONFINED SPACES IN CONSTRUCTION

Course	CFR 1926.1207: Training
Objective	<ul style="list-style-type: none">• Training will establish employee proficiency in the duties required by this standard and must introduce new or revised procedures, as necessary, for compliance with this standard.

Course	CFR 1926.1211: Rescue and Emergency Services
Objective	<ul style="list-style-type: none">• Training will cover the following topics:<ul style="list-style-type: none">○ Provide each affected employee with the personal protective equipment needed to conduct permit space rescues safely and train each affected employee so the employee is proficient in the use of PPE;○ Train each affected employee to perform assigned rescue duties;○ Train each affected employee in basic first aid and cardiopulmonary resuscitation (CPR).○ Ensure that affected employees practice making permit space rescues before attempting an actual rescue.



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