

# General Industry

Major Requirements | Page 4 of 4

EPA | OSHA | DOT | DHS | TRAINING MATRIX

Initial

Annual

## DOT – Hazardous Materials General Awareness

Any employee that handles hazardous materials (loading, unloading, preparing for shipment, security, etc.) must be trained in hazardous materials terminology and USDOT basic shipping and emergency response requirements.

1 – 4 Hours (Dependent on Facility Complexity)



## DOT – Chemical Security General Awareness

Any employee that handles hazardous materials (loading, unloading, preparing for shipment, security, etc.) must be trained in HazMat security to mitigate or prevent HazMat threats prior to and during transportation.

0.5 – 2 Hours (Dependent on Facility Complexity)



## DOT – Facility Specific Security Plan

Employees responsible for preparing for shipment certain hazardous materials (including hazardous wastes) that exceed listed DOT thresholds for a particular hazard class must be trained in the elements of the company's site specific security plan.

1 – 4 Hours (Dependent on Facility Complexity)



## EPA – Hazardous Waste

Facilities that generate more than 220 pounds of hazardous waste or 2.2 lbs. of acute hazardous waste in a single month must be trained in hazardous waste management protocols, contingency planning, and preparedness and prevention techniques. Annual retraining is required for Large Quantity Generators Only. Consult 40 CFR for details.

0.5 – 4 Hours (Dependent on Facility Complexity)



## EPA – Spill Prevention Control and Countermeasures (SPCC)

Facilities having more than 1,320 gallons of oil in aboveground storage or 42,000 gallons in underground storage must train employees in the spill prevention elements of a facility specific Spill Control & Countermeasure Plan.

0.5 – 4 Hours (Dependent on Facility Complexity)



## EPA – Storm Water Pollution Prevention Plan (SWPPP)

Facilities classified within certain NAICS Codes or that have the potential for contaminated storm water to run off from their property must train employees in the prevention elements contained in the facility's Storm Water Pollution Prevention Plan.

0.5 – 4 Hours (Dependent on Facility Complexity)



## EPA – Risk Management Plan (RMP)

Employees involved in operating processes using chemicals that exceed EPA thresholds must be trained in multiple areas of the facility's RMP, including operating procedures, chemical hazards, preventative maintenance activities, and emergency operations.

2 – 8 Hours (Dependent on Facility Complexity)



# General Industry

Major Requirements | Page 4 of 4

EPA | OSHA | DOT | DHS | TRAINING MATRIX

Initial

Annual

## OSHA – Hazard Communication (RTK or HazCom)

All employees working with or near any hazardous material must know the elements of the company's hazard communication program and know how to read and interpret the revised GHS 16 Section Safety Data Sheets and container label hazard phrases.  
2 – 4 Hours (Dependent on Facility Complexity)



## OSHA – Personal Protective Equipment (PPE)

Any employee who must wear personal protective equipment must be initially trained in the proper use, care and limitations of PPE. Refresher training is required for any employee showing a lack of understanding of the company's PPE requirements.  
0.5 – 2 Hours (Dependent on Facility Complexity)



## OSHA – Respiratory Protection & Fit Testing

Employees who are required to wear a respirator on a non-voluntary basis, including employees who voluntarily wear any respirator other than a dust mask, must receive initial training and a medical exam, and receive refresher training and fit testing.  
0.5 Hour (For Proper Respirator Use Only)



## OSHA – Bloodborne Pathogens

Any employee who is occupationally exposed to blood or other potentially infectious materials (i.e. first-aid) must be trained before their job assignment. This includes employees whose job duties "may" expose them to blood or OPIM (i.e. supervisors).  
1 – 2 Hours (Dependent on Facility Complexity)



## OSHA – Chemical Hygiene Plan (CHP)

Employees who work with chemicals in a laboratory setting must receive initial training in the company's written Chemical Hygiene Plan and standard operating procedures. Refresher training is only required under certain conditions. Consult 29 CFR for details.  
1 – 4 Hours (Note: Employers to Determine Frequency of Refresher Training)



## OSHA – Control of Hazardous Energy (LOTO)

Employees performing the control of any hazardous energy source (e.g. electricity) must be trained in the hazards of uncontrolled energy releases and energy control procedures. Certain criteria require refresher training. See 29 CFR for details.  
0.5 – 2 Hours (Note: Both Affected and Designated Employees Must Be Trained)



## OSHA – Permit Required Confined Spaces

Employees who work with permit required confined spaces must receive initial training in the steps to be taken to protect themselves when conducting a confined space entry. Only facilities having designated rescue teams must provide annual rescue training.  
1 Hour – 8 Hours (Dependent on Facility Complexity)



# General Industry

Major Requirements | Page 4 of 4

EPA | OSHA | DOT | DHS | TRAINING MATRIX

Initial

Annual

## OSHA – Emergency Action Plan (EAP)

All employees must receive initial training in the facility's emergency action plan. Although annual training is not required, refresher training must be provided whenever any element of the written plan or employee's responsibilities change. Consult 29 CFR. 0.5 – 2 Hours (Dependent on Facility Complexity)



## OSHA – HAZWOPER General Awareness

Employees who may "witness" a chemical emergency involving hazardous materials must be able to recognize hazardous situations and know what to do upon discovery, even if their response is to simply activate facility alarm systems and evacuate. 1 – 4 Hours (Dependent on Facility Complexity)



## OSHA – HAZWOPER First Responder – Operations Level

Select employees who are designated to respond defensively to a plant emergency involving hazardous materials are considered to be First Responders. Defensive actions include diking, shutting down equipment, and other initial spill response activities. 8 Hours



## OSHA – Asbestos General Awareness

Required for employees who perform housekeeping in areas that contain Asbestos Containing Materials or Presumed Asbestos Containing Materials in thermal system insulation and surfacing materials present in buildings constructed no later than 1980. 1 Hour



## OSHA – Hearing Conservation

Employees who are exposed to 85 decibels of noise averaged over an 8 hour shift must receive a baseline audiogram and training. Hearing test (audiograms) and training in ways to protect against hearing loss must be presented on an annual basis. 1 Hour



## OSHA – Process Safety Management (PSM)

Employees involved in operating processes using chemicals that exceed OSHA thresholds must be trained in operating procedures, chemical hazards, preventative maintenance activities, and emergency operations. 2 – 8 Hours (Dependent on Facility Complexity)



## OSHA – Forklifts and Manlifts

Operators of powered industrial trucks and forklifts must receive initial classroom and hands-on training before operating the equipment. Refresher training is only required when certain conditions are met (i.e. accident or near-miss). Consult 29 CFR for details. 1 – 8 Hours (Employers Must Document Proficiency Every 3 Years)



# General Industry

Major Requirements | Page 4 of 4

EPA | OSHA | DOT | DHS | TRAINING MATRIX

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Annual

## OSHA – Electrical Safety Work Practices

Employees who face a risk of electric shock or face other electrical hazards that cannot be reduced to safe levels must receive initial training. The degree of training is dependent on the employee's job responsibilities. See OSHA requirements in 29 CFR. 1 – 8 Hours (Employee Job Duty Dependent)



## OSHA – Equipment Daily Inspections

Daily inspections are required for slings, lifting devices, crane controls, forklifts, electrical cords and PPE. Employees must be familiar with the safe use and inspection procedures for all material handling equipment, including the use of hand tools. 1 Hour



## OSHA – Medical Services and First Aid

In the absence of an infirmary, clinic, or hospital in near proximity to the workplace (e.g. Less than 5 minutes), employers must have designated first-aid responders and an area to be used for the treatment of injured employees. 2 – 4 Hours (Note: Refresher Training Varies By First-Aid Training Provider)



## OSHA – Portable Fire Extinguishers

Whenever portable fire extinguishers have been made available for employee use in the workplace, employees must be knowledgeable in the general principles of fire extinguisher use and the hazards involved with incipient (initial) stage fire fighting. 0.5 Hours (Note: Hands-On Extinguisher Training is Not Required)



## DHS – CSAT Site Security Plan (SSP)

Facilities storing more than a threshold quantity of a chemical listed by the Department of Homeland Security's Chemical Security Anti-Terrorism (CSAT) standard must develop a Site Specific Security Plan (SSP) and provide affected employees with the appropriate level of training to help minimize terrorist threats. Consult DHS CSAT requirements. 1 – 8 Hours (Facility Dependent)



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