



Environmental Resource Center[®]

Compliance Calendar

2024



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Course Abbreviations

Seminars

AHWM	Advanced Hazardous Waste Management	HW8-Web	HAZWOPER 8-Hour Refresher
DOT	DOT Hazardous Materials Training: The Complete Course	HWGI-Web	Hazardous Waste Generator Improvements Rule
DOT/IATA	DOT/IATA: How to Ship Dangerous Goods by Ground and Air	IATA 8hr-Web	IATA: How to Ship Dangerous Goods by Air
HWM	Hazardous Waste Management: The Complete Course	IATA-Web	IATA Dangerous Goods Update
HWM-CA	California Hazardous Waste Management	IATA-Comp-Web	How to Conduct IATA Competency-Based Assessments
HWM-TX	Texas Hazardous Waste Management	IFS-Web	How to Ship Infectious Substances by Ground and Air
HW8	8-Hour HAZWOPER Refresher	IMO-Web	How to Ship Dangerous Goods by Vessel – IMDG
HW24	HAZWOPER 24-Hour Workshop	LDR-Web	Hazardous Waste Land Disposal Restrictions
HW40	HAZWOPER 40-Hour Workshop	NY HWM-Web	New York Hazardous Waste Management
IATA	IATA: How to Ship Dangerous Goods by Air	Pharma-Web	How to Comply with New Regulations for Hazardous Waste Pharmaceuticals
SARA	SARA Title III (EPCRA) Workshop	REACH-Web	REACH, WEEE, and RoHS: How European Directives Impact U.S. Companies
Update	RCRA and DOT Annual Update and Refresher		

Webcasts

ADR-Web	Transportation of Dangerous Goods by Road in Europe	RCRA 8hr-Web	Hazardous Waste Management: The Complete Course
Adv. RCRA-Web	Advanced Hazardous Waste Management	RCRA-Web	Hazardous Waste Management: Annual Update
Battery-Web	How to Ship Batteries by Ground and Air	SARA-Web1	EPCRA: Tier II Reports & Emergency Release Notifications
Biennial-Web	Biennial Report and Quadrennial Renotification	SARA-Web2	SARA Title III – How to Complete Form R TRI Reports
CA HWM-Web	California Hazardous Waste Management	Safety Regs-Web	OSHA Safety Regulations
CA Update-Web	California Hazardous Waste and DOT Refresher Training	Sign Manifest	Hazardous Waste Manifest Training
DOT-Web	DOT Hazardous Materials Update	Storm-Web	Stormwater Regulations
DOT Initial-Web	DOT Hazardous Materials Training: The Complete Course	TSCA CDR-Web	TSCA Chemical Data Reporting
DOT/IATA-Web	DOT/IATA: How to Ship Dangerous Goods by Ground and Air	TSCA IR-Web	TSCA Chemical Import Requirements
E-Manifest-Web	EPA's New Electronic Hazardous Waste Manifest	TX HWM-Web	Texas Hazardous Waste Management
Env. Audit-Web	Environmental Audits	UOSW-Web	Used Oil and Special Waste
Env. Regs-Web	Environmental Regulations	Update-Web	RCRA and DOT Annual Update and Refresher
HazCom-Web	OSHA GHS Hazard Communication Standard	UW-Web	Universal Waste

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January 2024

Monday	Tuesday	Wednesday	Thursday	Friday
1	2	HW8-Web 3	HW8-Web 4 DOT/IATA-Web	HazCom-Web 5
8	RCRA-Web 9	DOT-Web 10	IATA-Web 11	SARA-Web1 12
Columbia, SC HWM		Columbia, SC DOT		
15	RCRA 8hr-Web 16	DOT Initial-Web 17	IATA 8hr-Web 18	Biennial-Web 19
TX HWM-Web 22	CA Update-Web 23	RCRA-Web 24	DOT-Web 25	IATA-Web 26
Cary, NC HWM		Cary, NC DOT		
Tampa, FL HWM		Tampa, FL DOT		
29	Update-Web 30	31	E-Manifest-Web 1	2
Dallas, TX HWM-TX		Dallas, TX DOT		

EPCRA Reminder
January 1—Suppliers must give notice to each recipient of affected mixtures or trade-name product containing toxic chemicals (listed at 40 CFR 372.65) with the first shipment of the calendar year.

CWA Reminder
January 30—Facilities covered under EPA’s MSGP for stormwater discharges must submit their annual report electronically to EPA via the NeT-MSGP reporting system.

DOT/IATA/IMO Reminder
January 1—Make sure you have the new International Air Transportation Association’s (IATA) *Dangerous Goods Regulations* for 2024, the International Maritime Dangerous Goods Code, Amendment 41-22, and the *North American Emergency Response Guidebook 2020*, available from Environmental Resource Center.

OSHA Reminder
January 1—All employers covered by the Occupational Safety and Health Act, even those exempt from maintaining injury and illness records, are required to comply with OSHA’s severe injury and illness reporting requirements. Employers must notify OSHA within 8 hours of a work-related fatality, and notify OSHA within 24 hours of an employee having a work-related in-patient hospitalization, amputation, or loss of an eye.

February 2024

Monday	Tuesday	Wednesday	Thursday	Friday
29	Update-Web 30	31	1	2
	Dallas, TX HWM-TX		Dallas, TX DOT	
5	REACH-Web 6	Adv. RCRA-Web 7	DOT/IATA-Web 8	Sign Manifest-Web 9
	Cary, NC HW8			
	Chicago, IL HWM		Chicago, IL DOT	Chicago, IL IATA
12	RCRA-Web 13	DOT-Web 14	IATA-Web 15	Biennial-Web 16
	Nashville, TN HWM		Nashville, TN DOT	
19	RCRA 8hr-Web 20	CA HWM-Web 21	DOT Initial-Web 22	IMO-Web 23
	Cary, NC HW24			
26	27	HW8-Web 28	HW8-Web 29	HWGI-Web 1
	Cary, NC Update			

OSHA Reminders
February 1—Any employer with 10 or more employees must post the OSHA Form 300A, which summarizes an employer's reportable injuries and illnesses for the prior year. Post in a conspicuous place until April 30.

February 15—Each worksite participating in OSHA's Voluntary Protection Program (VPP) must submit to OSHA information on the site's injury and illness incidence rate as part of the Annual Submission document OSHA requires under VPP.

CWA Reminder
January 1–March 31
 Quarterly discharge monitoring reports for facilities permitted under EPA's Multi-Sector General Permit for Stormwater Discharges must be met and submitted electronically to EPA via the NetDMR reporting system at least once in this 3-month interval if monitoring is required quarterly.

March 2024

Monday	Tuesday	Wednesday	Thursday	Friday
26	27 Cary, NC Update	HW8-Web 28	HW8-Web 29	HWGI-Web 1
4	RCRA-Web 5 Indianapolis, IN Update	DOT-Web 6	IATA-Web 7	8
11	RCRA 8hr-Web 12 Jacksonville, FL HWM	DOT Initial-Web 13	IATA 8hr-Web 14 Jacksonville, FL DOT	TSCA CDR-Web 15
18	Update-Web 19	TSCA IR-Web 20	Battery-Web 21	22
Cary, NC HW40				
25	RCRA-Web 26 Kansas City, MO HWM Charleston, SC HWM	DOT-Web 27	CA Update-Web 28 Kansas City, MO DOT Charleston, SC DOT	29

EPCRA Reminder

March 1—Annual Tier II Hazardous Chemical Inventory Reports are due to the SERC, LEPC, and the local fire department (40 CFR 370).

RCRA Reminders

March 1—Large quantity generators must submit their National RCRA Hazardous Waste Report, or Biennial Report, to the appropriate authorized state agency or EPA regional office.

Small quantity and very small quantity generators are not required to submit biennial reports, but may be subject to state-specific reporting requirements.

Annual reports are due to EPA from primary exporters of hazardous waste.

Annual groundwater monitoring reports are due to state environmental agencies.

OSHA Reminders

March 2—Establishments with 250 or more employees that are required to keep OSHA injury and illness records must electronically submit Form 300A, Establishments with 20–249 employees in certain high-risk industries specified by OSHA, must electronically submit Form 300A.

Establishments with 100 or more employees in certain high-risk industries specified by OSHA, must electronically submit information from their Form 300-Log of Work Related Injuries and Illnesses, and Form 301-Injury and Illness Incident Report.

CAA Reminder

March 31—Facilities and suppliers subject to 40 CFR 98 Subpart A, reporting of greenhouse gases (GHGs), must submit their annual GHG report for GHG emissions in the previous calendar year to EPA no later than March 31 of each year.

April 2024

Monday	Tuesday	Wednesday	Thursday	Friday
1	2	3 RCRA 8hr-Web	4 DOT Initial-Web	5
		Cary, NC DOT/IATA	Cary, NC HW8	
8	9 RCRA-Web	10 DOT-Web	11 DOT/IATA-Web	12
15	16 CA HWM-Web	17 TX HWM-Web	18	19
		Charlotte, NC Update	Charlotte, NC SARA	
	Ontario, CA HWM-CA		Ontario, CA DOT	
22	23 RCRA-Web	24 DOT-Web	25 Env. Audit-Web	26
29	30 Sign Manifest-Web	1 IFS-Web	2 Update-Web	3
	Cary, NC HW24			

DOT Reminder
 DOT Docket HM-126F (49 CFR 172.704) makes training mandatory for all personnel involved in the shipment of hazardous materials (including hazardous waste). This affects employees who classify materials and determine proper shipping names; select or fill hazardous materials packages; mark, label, and placard containers/vehicles; prepare shipping papers; load or unload vehicles; move hazardous materials; or operate transportation vehicles.

Receive your required training at any Environmental Resource Center DOT training program offered across the country, online, or customized to the needs of your facility.

Visit www.environmentalresourcecenter.com or call 800-537-2372.

May 2024

Monday	Tuesday	Wednesday	Thursday	Friday
29	Sign Manifest-Web 30	IFS-Web 1	Update-Web 2	3
Cary, NC HW24				
6	RCRA 8hr-Web 7	DOT Initial-Web 8	IATA 8hr-Web 9	10
Memphis, TN HWM			Memphis, TN DOT	
13	14	Env. Regs-Web 15	E-Manifest-Web 16	17
Hilton Head, SC HWM			Hilton Head, SC DOT	
20	RCRA-Web 21	DOT-Web 22	IATA-Web 23	24
Baton Rouge, LA HWM			Baton Rouge, LA DOT	
27	HW8-Web 28	HW8-Web 29	30	31

OSHA Reminder
Employers subject to Process Safety Management (PSM) standards under 29 CFR 1910.119 must update and revalidate the hazard analysis of their processes at least every five years; must certify that they have evaluated compliance with the provisions of PSM at least every three years; and must provide refresher training at least every three years, or more often if necessary, to each employee involved in operating a process to ensure the employee understands and adheres to current operating procedures.

IATA Reminder
Anyone who is involved with packaging, labeling, marking, completing shipping papers, or selecting shipping names for air transportation of dangerous goods must be trained. Initial training is required immediately by IATA and recurrent training is required every two years. Get your required training with Environmental Resource Center at a city near you or online. For more information, visit www.environmentalresourcecenter.com or call 800-537-2372.

June 2024

Monday	Tuesday	Wednesday	Thursday	Friday
27	HW8-Web 28	HW8-Web 29	30	31
Baton Rouge, LA HWM		Baton Rouge, LA DOT		
3	Storm-Web 4	RCRA-Web 5	DOT-Web 6	7
Baltimore, MD HWM		Baltimore, MD DOT		
10	DOT/IATA-Web 11	IMO-Web 12	Update-Web 13	14
Los Angeles, CA HWM-CA		Los Angeles, CA DOT		
Cary, NC HW40				
17	TX HWM-Web 18	NY-HWM 19	CA Update-Web 20	21
Dayton, OH HWM		Dayton, OH DOT		
24	RCRA-Web 25	DOT-Web 26	Battery-Web 27	28

DOT Reminder
June 30—HAZMAT registration is due.

IMO Reminder
 Anyone who is involved with packaging, labeling, marking, completing shipping papers, or selecting shipping names for water transportation of dangerous goods must be trained. Training on the IMDG Code is required every three years. Let Environmental Resource Center help you meet your compliance goals by attending one of our IMDG Code webcasts. For more information, visit www.environmentalresourcecenter.com or call 800-537-2372.

CWA Reminder
April 1–June 30—Quarterly discharge monitoring reports for facilities permitted under EPA's Multi-Sector General Permit for Stormwater Discharges must be met and submitted electronically to EPA via the NetDMR reporting system at least once in this 3-month interval if monitoring is required quarterly.

July 2024

Monday	Tuesday	Wednesday	Thursday	Friday
1	2	3	4	5
8	RCRA 8hr-Web 9	DOT Initial-Web 10	IATA 8hr-Web 11	HazCom-Web 12
	Macon, GA HWM		Macon, GA DOT	
UW-Web 15	LDR-Web 16	UOSW-Web 17	Pharma-Web 18	FMCSA-Web 19
	Cleveland, OH HWM		Cleveland, OH DOT	
22	RCRA-Web 23	DOT-Web 24	IATA-Web 25	26
	Cary, NC HW8			
	Greensboro, NC HWM		Greensboro, NC DOT	
	Dallas, TX HWM-TX		Dallas, TX DOT	
29	30	Sign Manifest-Web 31	HWGI-Web 1	2
	Ontario, CA HWM-CA		Ontario, CA DOT	

EPCRA Reminders

July 1—If required per 40 CFR 372.22, covered facilities must submit a Toxic Release Inventory (TRI) report (Form R or Form A) for each TRI chemical manufactured, processed, or otherwise used above the reporting threshold—using EPA's TRI-MEweb reporting application.

July 31—Voluntary Form R or Form A revisions are due via TRI-MEweb.

CWA Reminder

July 1—Annual reports under 40 CFR 141.152(c) for community water systems are due.

TSCA Reminders

July 1—Prepare written annual PCB records and documentation logs.

July 15—Annual PCB report is due.

August 2024

Monday	Tuesday	Wednesday	Thursday	Friday
29	30	Sign Manifest-Web 31	HWGI-Web 1	2
Ontario, CA HWM-CA		Ontario, CA DOT		
5	RCRA-Web 6	DOT-Web 7	IATA-Web 8	9
Indianapolis, IN HWM		Indianapolis, IN DOT		
12	Update-Web 13	REACH-Web 14	DOT/IATA-Web 15	16
Birmingham, AL HWM		Birmingham, AL DOT		
19	RCRA-Web 20	DOT-Web 21	TSCA CDR-Web 22	23
Houston, TX HWM-TX		Houston, TX DOT		
26	RCRA 8hr-Web 27	DOT Initial-Web 28	IATA 8hr-Web 29	30
Nashville, TN HWM		Nashville, TN DOT		

CWA Reminder
July 1–September 30
 Quarterly discharge monitoring reports for facilities permitted under EPA's Multi-Sector General Permit for Stormwater Discharges must be met and submitted electronically to EPA via the NetDMR reporting system at least once in this 3-month interval if monitoring is required quarterly.

September 2024

Monday	Tuesday	Wednesday	Thursday	Friday
2	3	4 HW8-Web	5 HW8-Web	6
		Charlotte, NC Update	Charlotte, NC IATA	
9 RCRA-Web	10 DOT-Web	11 IMO-Web	12 ADR-Web	13
	Denver, CO HWM		Denver, CO DOT	
	Pittsburgh, PA HWM		Pittsburgh, PA DOT	
16	17 TSCA IR-Web	18 RCRA 8hr-Web	19 DOT Initial-Web	20 IATA 8hr-Web
	Cary, NC HW8	Cary, NC Update		
	San Antonio, TX HWM-TX		San Antonio, TX DOT	
23	24 RCRA-Web	25 DOT-Web	26 IATA-Web	27
	Los Angeles, CA HWM-CA		Los Angeles, CA DOT	
	Spartanburg, SC HWM		Spartanburg, SC DOT	
30	1 Update-Web	2 Env. Regs-Web	3 Safety Regs-Web	4
	Chicago, IL HWM		Chicago, IL DOT	

RCRA Reminder
September 1
 Small quantity generators must update site notification information to EPA every four years.

RCRA Reminder
 Annual training is required by 40 CFR 262.17(a)(7). Receive your required training and learn how to comply with the regulations at any Environmental Resource Center RCRA training program. For more information, visit www.environmentalresourcecenter.com or call 800-537-2372.

October 2024

Monday	Tuesday	Wednesday	Thursday	Friday
30	Update-Web 1	Env. Regs-Web 2	Safety Regs-Web 3	4
	Chicago, IL HWM		Chicago, IL DOT	
7	Storm-Web 8	RCRA-Web 9	DOT-Web 10	11
	Knoxville, TN HWM		Knoxville, TN DOT	
	Cary, NC HW24		Cary, NC DOT/IATA	
14	Adv. RCRA-Web 15	SARA-Web1 16	Env. Audit-Web 17	DOT/IATA-Web 18
	Mobile, AL HWM		Mobile, AL DOT	
21	RCRA-Web 22	DOT-Web 23	CA Update-Web 24	TX HWM-Web 25
	Atlanta, GA Update	Atlanta, GA IATA	Atlanta, GA SARA	
28	RCRA 8hr-Web 29	DOT Initial-Web 30	IATA 8hr-Web 31	Sign Manifest-Web 1
	Williamsburg, VA HWM		Williamsburg, VA DOT	
	San Diego, CA HWM-CA		San Diego, CA DOT	

CWA Reminder
October 1–December 31
 Quarterly discharge monitoring reports for facilities permitted under EPA's Multi-Sector General Permit for Stormwater Discharges must be met and submitted electronically to EPA via the NetDMR reporting system at least once in this 3-month interval if monitoring is required quarterly.

November 2024

Monday	Tuesday	Wednesday	Thursday	Friday
28	RCRA 8hr-Web 29	DOT Initial-Web 30	IATA 8hr-Web 31	Sign Manifest-Web 1
	Williamsburg, VA HWM		Williamsburg, VA DOT	
	San Diego, CA HWM-CA		San Diego, CA DOT	
4	HazCom-Web 5	6	Battery-Web 7 Update-Web	8
	Charlotte, NC HWM		Charlotte, NC DOT	
11	RCRA-Web 12	DOT-Web 13	IATA-Web 14	SARA-Web2 15
	Orlando, FL HWM		Orlando, FL DOT	
Cary, NC HW40				
CA HWM-Web 18	HW8-Web 19	HW8-Web 20	DOT/IATA-Web 21	IMO-Web 22
25	26	27	28	29

EPCRA Reminder
Attend an Environmental Resource Center SARA workshop or webcast to learn how to comply with the latest Tier II and TRI (Form R and Form A) reporting requirements that will impact you.

IATA Reminder
A new edition of the IATA Dangerous Goods Regulations (66th edition for 2025) is expected to be published.

IMO Reminder
An updated IMDG Code (Amendment 42-24) is expected to be published.

December 2024

Monday	Tuesday	Wednesday	Thursday	Friday
2	3	4	Update-Web 5	6
	Burbank, CA HWM-CA		Burbank, CA DOT	
9	RCRA-Web 10	DOT-Web 11	IATA-Web 12	13
16	17	18	19	20
23	24	25	26	27
30	31	1	2	3

HAZWOPER Reminder
 OSHA's HAZWOPER standard (29 CFR 1910.120) requires eight hours of annual refresher training for waste site cleanup workers as well as for workers at hazardous waste treatment, storage, and disposal facilities. HAZWOPER emergency responders must have annual training of sufficient duration and content to maintain their competencies. Receive your required training at Environmental Resource Center's HAZWOPER Refresher workshop or online training.

Learn How to Comply by Attending These Comprehensive Seminars

Hazardous Waste Management: The Complete Course

\$795

If your facility generates hazardous waste, you must comply with detailed regulatory requirements for waste characterization, container marking and labeling, waste minimization, manifesting, transportation, emergency response, and land disposal certification. EPA and state regulations require annual hazardous waste management training.

At this two-day class, you will learn the latest requirements of the law and how to comply. This course will teach you how to properly identify, accumulate, minimize, and ship hazardous waste. You will learn how to develop a contingency plan and how to comply with land disposal restrictions. The course provides an in-depth look at the latest regulatory requirements, waste exemptions and exclusions, universal waste requirements, VOC standards for hazardous waste generators, and waste minimization.

California Hazardous Waste Management

\$795

If your facility generates hazardous waste in California, you must comply not only with the California hazardous waste regulations but also with federal regulations that have not yet been incorporated into the California rules. Attend this two-day seminar and meet both the California and federal annual training requirements for generators of hazardous waste in California.

Topics covered include waste characterization, on-site management, manifesting, land disposal restrictions, tiered permitting, source reduction, and universal wastes. You'll also learn about the modifications and new rules that will affect your facility's hazardous waste management program upon promulgation.

Texas Hazardous Waste Management

\$795

If your facility generates hazardous waste in Texas, you must comply not only with the Texas hazardous and industrial waste regulations but also with federal regulations that have not yet been incorporated into the Texas rules.

This two-day seminar meets the Texas and federal annual training requirements for generators of hazardous waste in Texas. Topics covered include waste characterization, on-site management, manifesting, land disposal restrictions, recordkeeping and reporting, source reduction, and universal waste. Information on the modifications and new rules that may affect your facility's hazardous waste management program upon promulgation is also included.

Advanced Hazardous Waste Management

\$499

Go beyond the basics with this challenging course and delve into EPA's interpretations on the most daunting gray areas. Advanced Hazardous Waste Management is designed for those with prior RCRA training. This class covers much more than the regulatory requirements and meets your annual training requirement.

You will learn which of your wastes are exempt or excluded that you may currently be managing as hazardous, which wastes do not count toward your generator status, how to handle episodic generation, requirements for importing and exporting hazardous waste, when permits are required and when treatment is allowed without a permit, how to minimize waste generation, and the latest land disposal restrictions. Also covered are the most recent regulatory changes plus any pending EPA proposals that may affect your facility.

Learn How to Comply by Attending These Comprehensive Seminars

DOT Hazardous Materials Training: The Complete Course

\$449

The Department of Transportation (49 CFR 172.704) makes training mandatory for almost anyone who handles hazardous materials, regardless of the amount. This affects employees who select or fill hazardous materials packages; mark, label, or placard packages or vehicles; complete shipping papers; load or unload vehicles; transload hazardous materials; or operate vehicles used in the transport of hazardous materials. Receive your required hazardous materials and security awareness training and learn how to comply with the latest regulations at this comprehensive seminar. DOT requires initial training and recurrent training every three years. This class meets both initial and recurrent training requirements.

IATA: How to Ship Dangerous Goods by Air

\$449

This course allows you to take an in-depth look at the regulations governing shipments by air under the International Air Transport Association (IATA). It focuses on the differences between domestic and international regulations and addresses any regulatory changes or additions that have occurred in the past two years.

Learn which materials are regulated, how to select and prepare packages, how to mark and label packages, as well as how to prepare consumer commodities, excepted quantities, and limited quantities for transport by air. You will also learn how to prepare the IATA Shipper's Declaration for Dangerous Goods. IATA requires initial and recurrent dangerous goods training every two years. This course meets both initial and recurrent training requirements. A copy of the most recent *IATA Dangerous Goods Regulations* is needed for the training. You may provide your own or purchase a copy from Environmental Resource Center.

DOT/IATA: How to Ship Dangerous Goods by Ground and Air

\$549

The Department of Transportation (49 CFR 172.704) and the International Air Transport Association (IATA DGR 1.5) make training mandatory for almost anyone who handles hazardous materials or dangerous goods, regardless of the amount. Employees who select or fill packages, label containers, complete shipping papers, load or unload vehicles, transload hazardous materials, or operate vehicles used in the transport of hazardous materials or dangerous goods must be trained and tested. DOT requires training every three years for ground shipments of hazardous materials, and IATA requires training every two years for air shipments of dangerous goods.

RCRA and DOT Annual Update and Refresher Training

\$549

This course is the perfect way to meet both your RCRA 40 CFR 265.16 annual review and DOT 49 CFR 172.704(c)(2) recurrent training requirements. During this one-day class, you will review the important concepts and procedures required for compliance with hazardous waste (EPA/RCRA) and hazardous materials transport (DOT/HMR) regulations. You'll also learn how to avoid the most common violations cited by EPA and DOT, as well as how to comply with new requirements that have been enacted over the past year.

SARA Title III (EPCRA) Workshop

\$449

SARA Title III (Emergency Planning and Community Right-to-Know Act) requires you to inform your surrounding community about your facility's hazardous substances and releases—accidental and permitted. This program provides you with a complete understanding of what this law requires as well as detailed instructions on how to ensure your facility is in compliance. A clear explanation of your reporting requirements under Title III is provided so you will understand when and how to complete SARA Tier II and Toxic Release Inventory report forms (Form R and Form A).

Learn How to Comply by Attending These Comprehensive Seminars

HAZWOPER 24-Hour and 40-Hour Workshops

\$549 and \$749

Personnel who are expected to stop, contain, and clean up emergency releases of hazardous substances are required to have 24 hours of initial training. Personnel who are involved in cleanups at waste sites—including Superfund sites, RCRA corrective action sites, or even voluntary cleanups involving hazardous substances—must have 40 hours of initial classroom instruction. Satisfy your training requirements with this comprehensive class that provides in-depth instruction on how to perform emergency response activities.

Topics include hazard recognition, spill control and containment, worker protection, and waste site activities, such as site characterization, waste handling, and decontamination. You will apply your training during exercises, tabletop activities, and hands-on simulated incident responses.

HAZWOPER 8-Hour Refresher

\$399

OSHA's Hazardous Waste Operations and Emergency Response rule at 29 CFR 1910.120 regulates cleanup sites, TSDFs, and emergency responders. Sections 1910.120(e) and (p) require workers engaged in hazardous waste operations and workers at TSDFs to receive at least eight hours of refresher training annually. Emergency responders must receive annual training of sufficient duration and content to maintain their competencies. This eight-hour refresher course satisfies the annual training requirement and will prepare you with the knowledge to respond when needed. Course topics include how to assess the risk of chemical releases, employee safety, environmental monitoring with direct-reading instruments, and incident control and management.

Learn How to Comply by Attending These Comprehensive Webcasts

Hazardous Waste Management: The Complete Course

\$599

Gain the skills you need to manage hazardous waste in accordance with the latest regulatory requirements. While meeting your 40 CFR 265.16 training requirements, you will learn how to properly classify and accumulate hazardous waste, how to ensure your waste containers meet EPA and DOT requirements, how to avoid hazardous waste manifest errors, and how you must prepare for and respond to emergencies. You will have ample opportunity to ask questions regarding your site's hazardous waste.

Hazardous Waste Management: Annual Update

\$399

Meet your mandatory RCRA annual training requirements and gain insight on recent changes in the regulations at this comprehensive refresher. Learn how to determine which wastes are hazardous, how to properly accumulate waste, how to comply with the new shop towel rule, how to prepare waste for off-site shipment, how to respond to emergencies and what should be reported, and how to prepare hazardous waste manifests. You'll also learn about EPA's hazardous waste generator improvements rule.

Advanced Hazardous Waste Management

\$399

If you have had previous RCRA training, you are ready to go beyond the basics and delve into EPA's interpretations on the most daunting gray areas of hazardous waste management. Learn which wastes are exempt from hazardous waste requirements and gain a better understanding of handling episodic generation, importing and exporting hazardous waste, and minimizing waste generation.

California Hazardous Waste Management

\$599

If your facility generates hazardous waste, you must comply not only with the California hazardous waste regulations, but also with federal regulations that have not yet been incorporated into the DTSC rules. Learn how to determine which wastes are classified as EPA and California hazardous waste, how to properly manage your wastes at accumulation points and satellite accumulation points, how to complete hazardous waste manifests and common errors to avoid, what you must enter on land disposal notices and certifications, when you must apply for a tiered permit, source reduction requirements, how to manage universal wastes and other special wastes, and recent changes in the hazardous waste regulations that can affect your facility's hazardous waste management program.

New York Hazardous Waste Management

\$599

If you generate hazardous waste in New York, you must comply with both EPA and New York Department of Environmental Conservation (DEC) regulations. Learn how to determine which wastes are hazardous and how to manage hazardous waste under the EPA and DEC requirements as well as how to comply with the latest manifest, recordkeeping, and reporting requirements.

Texas Hazardous Waste Management

\$599

If your facility generates, accumulates, treats or disposes of hazardous waste in Texas, you must comply with both EPA and the Texas Commission of Environmental Quality (TCEQ) regulations. Learn how to classify hazardous waste, how to manage hazardous waste in accordance with EPA and TCEQ regulations, the requirements for central and satellite accumulation areas, and how to complete STEERS reports.

DOT Hazardous Materials Training: The Complete Course

\$429

Learn how to classify, mark, label, document, and ship hazardous materials in accordance with the latest DOT regulations. This interactive course meets your DOT 49 CFR 172.704(c)(1) initial training and testing requirements.

DOT Hazardous Materials Update (also available in Spanish)

\$399

This interactive course meets your DOT 49 CFR 172.704(c)(2) recurrent training and testing requirements. Learn the latest DOT regulations for classifying, packaging, marking, labeling, and shipping hazardous materials.

RCRA and DOT Annual Update and Refresher Training

\$549

This course is the perfect way to meet both your RCRA 40 CFR 265.16 annual review and DOT 49 CFR 172.704(c)(2) recurrent training requirements. During this one-day class, you will review the important concepts and procedures required for compliance with hazardous waste (EPA/RCRA) and hazardous materials transport (DOT/HMR) regulations. You'll also learn how to avoid the most common violations cited by EPA and DOT, as well as how to comply with new requirements that have been enacted over the past year.

Learn How to Comply by Attending These Comprehensive Webcasts

California Hazardous Waste and DOT Refresher Training

\$549

This course is the perfect way to meet both your California Title 22 hazardous waste and DOT 49 CFR 172.704(c)(2) recurrent training requirements. During this one-day class, you will review the important concepts and procedures required for compliance with hazardous waste (EPA/DTSC) and hazardous materials transport (DOT/HMR) regulations. You'll also learn how to avoid the most common violations cited by EPA and DOT, as well as how to comply with new requirements that have been enacted over the past year.

IATA: How to Ship Dangerous Goods by Air

\$429

Gain an in-depth understanding of the regulations governing the transportation of dangerous goods by air. Learn which materials are regulated, how to select and prepare packages, how to mark and label packages, as well as how to prepare consumer commodities, excepted quantities, and limited quantities for transport by air. You will also learn how to prepare the IATA Shipper's Declaration for Dangerous Goods. This course meets your initial and recurrent training requirements. A copy of the most recent *IATA Dangerous Goods Regulations* is needed for the training. You may provide your own or purchase a copy from Environmental Resource Center.

IATA Dangerous Goods Update

\$399

Meet your recurrent training and testing requirements while learning the latest IATA changes that have occurred in the past two years. Learn the differences between domestic and international regulations and the requirements for packaging, marking, labeling, and shipping papers. A copy of the most recent *IATA Dangerous Goods Regulations* is needed for the training. You may provide your own or purchase a copy from Environmental Resource Center.

How to Ship Dangerous Goods by Vessel – IMDG

\$399

This course will teach you how to prepare dangerous goods for shipment by vessel using IMO's IMDG Code. Learn how to classify, package, mark, label, and placard dangerous goods for vessel shipment. You'll also learn the unique requirements for flammables, how to identify environmentally hazardous substances (aquatic environment), and how to prepare transport documents.

How to Ship Infectious Substances by Ground and Air

\$399

This course will guide you through the unique requirements for the transportation of infectious substances. You will learn how to classify infectious substances; how to select and prepare triple-packaging systems; how to mark, label, and document infectious substances for ground and air; and how to comply with the regulations concerning shipments of infectious substances under the *IATA Dangerous Goods Regulations*.

DOT/IATA: How to Ship Dangerous Goods by Ground and Air

\$479

If you ship hazardous materials/dangerous goods by ground and air, this course is an ideal way to meet both your DOT and IATA training requirements. Employees who select or fill packages, label containers, complete shipping papers, load or unload vehicles, or operate vehicles used in the transport of hazardous materials or dangerous goods must be trained and tested in accordance with the DOT and IATA regulations.

Transportation of Dangerous Goods by Road in Europe (ADR)

\$399

If you ship dangerous goods by ground within Europe you must comply with ADR (Accord European Relatif au Transport International des Marchandises Dangereuses par Route) requirements for those shipments. In this course you will learn how to use the 2-volume ADR European Agreement Concerning the International Transport of Dangerous Goods by Road; how to classify, describe, package, mark, label, placard, and document shipments of dangerous goods by ground within Europe; and the differences between the ADR regulations and the DOT, IATA, and IMO regulations.

How to Ship Batteries by Ground and Air

\$399

If you ship hazardous materials/dangerous goods batteries by ground or air, you must comply with stringent DOT or IATA regulations on how the batteries are classified, packaged, marked, labeled, and transported. This course covers shipping name selection, packaging requirements, and requirements for communicating hazards by marks, labels, placards, and shipping papers. Learn how to prepare various types of battery shipments for both ground and air transportation. This webcast meets DOT's hazmat employee training requirements for personnel who ship batteries only.

EPCRA: Tier II Reports & Emergency Release Notifications

\$399

Learn what is covered by the Emergency Planning and Community Right-to-Know Act. Topics include how to identify and accurately report OSHA hazardous chemicals, CERCLA hazardous substances, and extremely hazardous substances at your facility. You will also learn how to determine whether the Tier II inventory reporting requirements apply to your site and how to complete the form.

SARA Title III—How to Complete Form R TRI Reports

\$399

Learn how to determine if you must complete the Form R and whether you qualify for any exemptions, how to complete and document your 313 threshold determination, and how to identify release sources at your facility. You will also learn the latest changes to the Section 313 requirements, including the threshold requirements for PBT chemicals and lead.

Learn How to Comply by Attending These Comprehensive Webcasts

Environmental Regulations

\$399

This course will provide you with an understanding of major U.S. environmental laws and regulations. Learn how to determine which laws and regulations apply to your facility and how to maintain compliance. Major emphasis is placed on the statutes that affect most facilities, including the Clean Air Act, Clean Water Act, RCRA, CERCLA, EPCRA, and TSCA. Recordkeeping, reporting, and training requirements are also covered.

Stormwater Regulations

\$399

Learn how to comply with industrial and construction stormwater management regulations at this interactive webcast. You will learn how to obtain a permit for stormwater discharges, how to identify which permits are available for your facility, how to develop an effective SWPPP, and how to develop and implement an effective sampling plan.

Environmental Audits

\$399

Anyone responsible for conducting audits or preparing facilities to be audited will benefit from this webcast. Learn how to assess compliance with federal, state, and local requirements, how to organize the audit process and prepare an effective audit report, and what to do with the results. This class also addresses the auditor's responsibilities, the facility's responsibilities, and how to monitor corrective action.

EPA's New Electronic Hazardous Waste Manifest

\$129

EPA is preparing to implement a new electronic hazardous waste manifest. When adopted, waste generators, transporters, brokers, and emergency responders will face new challenges. In this session, you will learn EPA's timetable, who will be responsible for manifest content, what new information will be required, how the manifest will be signed, what information will be available to the public and emergency responders, how state-only hazardous waste and PCBs will be identified, impacts on waste imports and exports, how corrections to waste quantities and shipping descriptions will be identified, and the anticipated user fees.

Hazardous Waste Land Disposal Restrictions

\$129

Unless you have studied the complex land disposal restrictions in depth, you may not be making the proper notice or certification that must be provided to your hazardous waste treatment, storage, and disposal facilities (TSDFs). Many waste generators rely on their TSDFs to complete these notifications; however, the generator is responsible for any errors. Learn which wastes are subject to the LDRs and how to develop an accurate notice or certification.

Universal Waste

\$129

Does your facility generate any waste batteries, light bulbs, thermostats, mercury-containing equipment, or pesticides? If so, any personnel who handle these wastes must be trained to properly manage them and to know what to do in an emergency. Moreover, many states classify additional wastes as universal wastes, such as paint, electronic waste, and antifreeze. Learn how to classify, store, and prepare universal wastes for off-site shipment and how to respond to and manage universal waste releases.

Used Oil and Special Waste

\$129

While subject to the Resource Conservation and Recovery Act, used oil, precious metals, lead-acid batteries, radioactive mixed waste, and hazardous waste fuels have somewhat relaxed requirements. Learn how to manage these wastes properly and how these wastes can become fully regulated hazardous wastes if they are mishandled.

Hazardous Waste Manifest Training

\$399

When hazardous waste is shipped from your site, it must be accompanied by a hazardous waste manifest. Even if your waste transporter fills out the manifest, you are responsible for the portions of the manifest that they complete on your behalf. Because the manifest is a Department of Transportation (DOT) hazardous material shipping paper, anyone who fills out or signs the manifest must be trained and tested in the DOT's required topics: general awareness, function-specific, safety, and security. This live online training is designed to satisfy the training requirements for anyone who completes or signs hazardous waste manifests.

Learn How to Comply by Attending These Comprehensive Webcasts

Biennial Report and Quadrennial Renotification

\$129

Large quantity generators are required to submit a report on March 1st of even numbered years outlining site hazardous waste activities during the preceding year. As of September 1, 2021, small quantity generators must submit a renotification confirming or updating their generator status and reporting on their waste activities. In this webcast you will learn how to complete the required Notification of Resource Conservation and Recovery Act (RCRA) Subtitle C Activities (Site Identification Form 8700-12) and the biennial report (EPA form 8700-13), including where to look for data on your wastes, which wastes must be counted, and which wastes do not need to be reported.

REACH, WEEE, and RoHS: How European Directives Impact U.S. Companies

\$129

U.S. companies that export products to Europe are finding that they must comply with a myriad of regulations that are significantly different and more stringent than U.S. regulations. Learn about the major European environmental regulations, how they impact your business, and steps to take to ensure compliance.

TSCA Chemical Import Requirements

\$129

TSCA Section 13 requires that any chemical substance, mixture, or article containing a chemical substance or mixture be refused entry into the U.S. if it fails to comply with TSCA. EPA requires importers to certify that their chemical substances or mixtures are either in compliance with TSCA Sections 5, 6, and 7 at the time of import or that they are not subject to TSCA. Learn how to meet TSCA import requirements at this interactive webcast.

TSCA Chemical Data Reporting

\$129

The Chemical Data Reporting (CDR) rule requires manufacturers, including importers, to report data on the manufacturing, processing, and use of chemical substances listed on the TSCA Chemical Substance Inventory to EPA every four years. In this webcast you will learn which chemicals must be reported, their reporting thresholds, and how to report the required information using EPA's Central Data Exchange (CDX) software.

OSHA Safety Regulations

\$399

This course is designed to give you an overview of the critical OSHA general industry regulations and help you determine which standards apply to your facility. Course topics include hazard communication, PPE, confined space, and HAZWOPER. Recordkeeping, reporting, and training requirements are also covered.

HAZWOPER 8-Hour Refresher

\$399

OSHA's Hazardous Waste Operations and Emergency Response (HAZWOPER) rule regulates cleanup sites and emergency response to hazardous substance releases. If you've had your 40- or 24-hour training, this interactive class is a great way to meet your annual training requirement.

OSHA GHS Hazard Communication Standard

\$399

Receive in depth training on OSHA's Hazard Communication Standard (29 CFR 1910.1200) and the United Nation's Globally Harmonized System (GHS) for the classification and labeling of hazardous chemicals. You will learn the requirements for hazardous chemical labels, Safety Data Sheets (SDSs), and written hazard communication plans. You'll also learn how to classify hazardous chemicals, what chemicals are exempt, and how to implement an effective hazard communication program.

Hazardous Waste Generator Improvements Rule

\$129

EPA recently finalized the first major modifications to the hazardous waste regulations in over 30 years. Learn how to comply with over 60 changes and new requirements established by the Hazardous Waste Generator Improvements Rule. In this webcast you will learn the new requirements for documenting hazardous waste determinations; how to take advantage of the episodic generation exclusion to avoid reclassification to a larger generator status; definitions of important new terms; and how to mark containers, tanks, and containment buildings with new information required at central accumulation areas and satellites.

How to Comply with New Regulations for Hazardous Waste Pharmaceuticals

\$129

The EPA has recently finalized new rules for pharmaceutical waste. These regulations provide less stringent requirements for waste pharmaceuticals at healthcare facilities. In this webcast you will learn what types of pharmaceuticals qualify for the rule, which facilities can take advantage of the rule, and step-by-step procedures for compliance.

How to Manage a DOT Driver Compliance Program

\$129

Did you know that at least 9 different records are required in every driver's qualification file, and that each of these records must be retained for a specific amount of time? Do your drivers know when they must report an illness or disclose their own personal motor vehicle violations? Get answers to these and other challenging questions in this live, online course that's designed for anyone who manages a DOT Driver Compliance Program.

Environmental Terms and Abbreviations

CAA	Clean Air Act	LEPC	Local Emergency Planning Committee; established under SARA Title III as the local focal point for reporting chemical storage and emergency response planning activities
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act	MSDS	Material Safety Data Sheet
CFC	Chlorofluorocarbon	NAICS	North American Industrial Classification System
CFR	Code of Federal Regulations	NAAQS	National Ambient Air Quality Standards; established under the CAA
CWA	Clean Water Act	NCP	National Contingency Plan; established under CERCLA
DGR	Dangerous Goods Regulations	NESHAP	National Emission Standards for Hazardous Pollutants; in the CAA
DOT	Department of Transportation	NPDES	National Pollutant Discharge Elimination System
Dangerous Good	IATA and IMO term for materials that pose a risk during transportation	NPL	National Priorities List; hazardous sites ranked through the use of the HRS under CERCLA
EHS	Extremely Hazardous Substance; defined in SARA Title III	NRC	National Response Center; operated by the Coast Guard and the point of contact for reportable releases under CERCLA and DOT
EPA	Environmental Protection Agency	OSHA	Occupational Safety and Health Administration
EPCRA	Emergency Planning and Community Right-to-Know Act; also known as SARA Title III	PCB	Polychlorinated Biphenyl
FIFRA	Federal Insecticide, Fungicide, and Rodenticide Act	POTW	Publicly Owned Treatment Works
Form R	Toxic chemical release reporting form required under SARA Title III	PSD	Prevention of Significant Deterioration in the CAA
GHS	United Nations' Globally Harmonized System of Classification and Labeling of Chemicals	RCRA	Resource Conservation and Recovery Act
Hazardous Chemical	OSHA term for a chemical with a physical or health hazard to workers	RQ	Reportable Quantity of a released material established under CERCLA
Hazardous Material	DOT term in HMTA for materials that pose a danger in transportation	SARA	Superfund Amendments and Reauthorization Act
Hazardous Substance	DOT term in HMTA for materials shipped in packaging containing a listed substance at RQ or greater per package CERCLA term for chemicals identified by EPA at 40 CFR 302.4	SDS	Safety Data Sheet; term used under the OSHA-GHS compatible Hazard Communication Standard
Hazardous Waste	RCRA term defined in 40 CFR 260–261; includes listed and characteristic waste	SERC	State Emergency Response Commission; established under EPCRA
HMTA	Hazardous Materials Transportation Act	SIC Code	Standard Industrial Classification Code
HRS	Hazard Ranking System; used under CERCLA to score and compare the relative risk of contaminated disposal sites	SIP	State Implementation Plan in the CAA
HSWA	Hazardous and Solid Waste Amendments	SPCC Plan	Spill Prevention Control and Countermeasures Plan; required for petroleum products under the CWA
IATA	International Air Transport Association	TCLP	Toxicity Characteristic Leaching Procedure
ICAO	International Civil Aviation Organization	TPQ	Threshold Planning Quantity; quantity defined in SARA Title III
IMO	International Maritime Organization	TSCA	Toxic Substances Control Act
IMDG Code	International Maritime Dangerous Goods Code	TSDF	Treatment, Storage, and Disposal Facility
		UST	Underground Storage Tank

Summary of Federal Release Notification Requirements

Regulatory Reference ⁺	Description of Reportable Substances	Triggers	Immediately Report to	Follow-Up Reports
CAA 40 CFR 61	<ul style="list-style-type: none"> Air Pollutants¹ 	<ul style="list-style-type: none"> Any emission exceeding any permit condition or limit 	<ul style="list-style-type: none"> Implementing Agency¹ 	<ul style="list-style-type: none"> Implementing Agency¹
CERCLA 40 CFR 302.6	<ul style="list-style-type: none"> CERCLA HS 	<ul style="list-style-type: none"> Release of a RQ into the environment Continuous release of a RQ into the environment² 	<ul style="list-style-type: none"> NRC 	
CWA 40 CFR 117.21	<ul style="list-style-type: none"> Wastewater Excursions HS 	<ul style="list-style-type: none"> RQ of a HS Any excursion exceeding permit conditions or limits (NPDES, pretreatment limits) 	<ul style="list-style-type: none"> Local/State Authorities EPA Regional Office³ 	<ul style="list-style-type: none"> Local/State Authorities EPA Regional Office (5 days)
CWA 40 CFR 110	<ul style="list-style-type: none"> Oil (including petroleum, fuel oil, sludges, oil refuse, oil mixed with waste, etc.) 	<ul style="list-style-type: none"> Spill into or upon the navigable waters (including surface water, drainage ditches, etc.) or into or upon adjoining shorelines⁴ 	<ul style="list-style-type: none"> NRC Local/State Authorities 	<ul style="list-style-type: none"> Local/State Authorities
HMTA 49 CFR 171.15–.16 Transportation-related incidents and reporting and notification	<ul style="list-style-type: none"> Hazardous Material (including hazardous waste) Note: Reporting requirements for pipeline releases are not included in this table. 	<ul style="list-style-type: none"> If as a direct result of hazmat: <ul style="list-style-type: none"> A person is killed A person is injured requiring hospitalization Transportation arteries are closed for one hour or more Evacuate general public for one hour or more Alteration of flight pattern or routine of aircraft Fire, release, or contamination involving radioactive material or infectious substance other than medical waste Release of more than 119 gal/882 lb of a marine pollutant In the judgment of the person with possession of the hazardous materials, there exists a reason to report (e.g., continuing danger to life) For air transport, an incident (e.g., fire, rupture, explosion, dangerous heat) occurs as a result of a battery or battery-powered device 	<ul style="list-style-type: none"> NRC – By phone (as soon as practical but no later than 12 hours after incident) 	<ul style="list-style-type: none"> DOT, on Form F5800.1 (within 30 days of incident)
HMTA 49 CFR 171.16 ⁵	<ul style="list-style-type: none"> Hazardous Material (including hazardous waste) 	<ul style="list-style-type: none"> Any unintentional release of hazardous material or hazardous waste Specification cargo tanks of 1,000 gal or more containing hazardous material suffers structural damage to lading retention system, even if no release occurs An undeclared hazardous material is discovered For all modes of transport, an incident (e.g., fire, rupture, explosion, dangerous heat) occurs as a result of a battery or battery-powered device 		<ul style="list-style-type: none"> DOT, on Form F5800.1 (within 30 days of incident)
SARA §304 40 CFR 355.40	<ul style="list-style-type: none"> EHS CERCLA HS 	<ul style="list-style-type: none"> Release of a RQ into the environment Continuous release of a RQ into the environment² 	<ul style="list-style-type: none"> LEPC(s) SERC(s) NRC (CERCLA HS only) 	<ul style="list-style-type: none"> LEPC(s) SERC(s)
RCRA 40 CFR 265.56, 262.265, and 265.196(d)	<ul style="list-style-type: none"> Hazardous Waste 	<ul style="list-style-type: none"> Any release, fire, or explosion that could threaten human health or the environment outside the facility Any off-site release of RQ or more Releases of 1 lb or more to the environment from a hazardous waste tank or secondary containment system (within 24 hours) 	<ul style="list-style-type: none"> NRC Local/State Authorities 	<ul style="list-style-type: none"> EPA Regional Office (15 days) Local/State Authorities
RCRA 40 CFR 280.50–.53	At UST site or the surrounding area: <ul style="list-style-type: none"> CERCLA HS Petroleum Product 	At UST site or the surrounding area: <ul style="list-style-type: none"> Spill or overflow of a CERCLA HS that is RQ or more Spill or overflow of a petroleum product that is 25 gal or more or that causes a sheen 	<ul style="list-style-type: none"> Implementing Agency³ 	<ul style="list-style-type: none"> Implementing Agency
TSCA 40 CFR 761.125	<ul style="list-style-type: none"> PCBs (At concentrations \geq 50 ppm) 	<ul style="list-style-type: none"> Release 10 lb or more of a PCB (Note: PCB is also a CERCLA HS; RQ is 1 lb) 	<ul style="list-style-type: none"> EPA Regional Office³ Local/State Authorities 	<ul style="list-style-type: none"> EPA Regional Office Local/State Authorities

⁺ Refer to cited regulations for detailed reporting requirements.

¹ See State Implementation Plan (SIP) and/or your facility's permit condition—requirements vary from state to state, even from facility to facility.

² Follow up reports to LEPC, SERC, and EPA Region—within 30 days; and to EPA Regional Headquarters within 30 days of first anniversary.

³ As soon as possible but no later than 24 hours.

⁴ For Outer Continental Shelf spills, notify the OCS District Office/Supervisor.

⁵ Exceptions are at 49 CFR 171.16(d)

Descriptions of Key Regulations

Clean Air Act (CAA)

- Purpose:** Improve the nation's air quality conditions to reduce and eventually eliminate adverse effects of air pollution on the public health and welfare.
- Date Enacted:** December 1963, with much of the basic structure enacted in 1970, and major revisions enacted in 1977 and 1990.
- Reason Enacted:** Air pollution has long been a major domestic environmental problem. In November 1948, in the industrial town of Donora, PA, nearly half of the city's 14,000 residents became sick and 20 died from a four-day fog of air pollution. Most modern-day air pollution is a result of motor vehicle emissions.

Clean Water Act (CWA)

- Purpose:** Provide for the restoration and maintenance of the chemical, physical, and biological integrity of U.S. waters.
- Date Enacted:** Passed in 1956, amended in 1965, 1966, and 1970. Completely replaced in 1972 and subsequently modified each year 1973–1983, 1987, and again in 1990 and 1995 to address the need for storm water regulations.
- Reason Enacted:** While no specific incident prompted the development of this legislation, it is apparent that it was created because of the need to maintain the integrity of our water supply to continue the propagation of life, both plant and animal, including human life.

Comprehensive Environmental Responsibility and Cleanup Liability Act (CERCLA or Superfund)

- Purpose:** Provides for a federal response to uncontrolled releases of hazardous substances, including any type of industrial, commercial, or noncommercial facility, even if other regulations affect the facility.
- Date Enacted:** 1980 and was amended extensively in 1986 by the Superfund Amendments and Reauthorization Act (SARA).
- Reason Enacted:** To provide for funding of environmental cleanups through a "Superfund" trust fund assessed in the form of special industry taxes.

OSHA Hazard Communication Standard

- Purpose:** Ensure that the hazards of all chemicals produced or imported are evaluated and that information concerning chemical hazards is transmitted to employers and employees.
- Effective Date:** Effective in 1987 and 1988 (depending on a facility's SIC code). Significantly amended in 2012 to align the standard with the international GHS system.
- Reason Enacted:** To protect against the inherent personal dangers in having someone handle a chemical who is not informed about it.

Hazardous Materials Transportation Act (HMTA)

- Purpose:** To protect the nation from risks to life and property inherent in the transportation of hazardous materials.
- Date Enacted:** 1974
- Reason Enacted:** Prior to 1970, regulations only addressed the transportation of explosive or flammable material, but there were dangers in transporting other hazardous materials that needed to be addressed.

Resource Conservation and Recovery Act (RCRA)

- Purpose:** To promote the protection of health and the environment and to conserve valuable material and energy resources.
- Date Enacted:** Passed in 1976 as an amendment to the Solid Waste Disposal Act.
- Reason Enacted:** To encourage a shift from mere disposal toward conservation, recycling, and advanced control technology of potentially hazardous wastes generated by chemical and industrial processes.

Superfund Amendments and Reauthorization Act (SARA) Title III

- Purpose:** To define facility notification responsibilities necessary for the development and implementation of state and local emergency response plans prepared in the event of a release of an extremely hazardous substance and to define applicable reporting requirements, which provide the public with important information on the hazardous chemicals in their communities.
- Date Enacted:** October 1986 as an addition to CERCLA or Superfund.
- Reason Enacted:** In response to disastrous chemical releases in Institute, WV, and Bhopal, India, which had fatal and long-reaching effects.
- Titles I and II:** SARA Titles I and II strengthened Superfund, giving EPA the authority to mandate the cleanup of hazardous waste sites and established training requirements for employees who work with hazardous waste.

Toxic Substances Control Act (TSCA)

- Purpose:** To give EPA the authority to require testing of existing and new chemical substances, posing potentially adverse effects on public health or the environment and to regulate them where necessary.
- Date Enacted:** 1976
- Reason Enacted:** In the late 1960s, national concern began to arise over the proliferation of toxic chemicals and other hazardous substances that were carcinogenic (cancer-causing), teratogenic (birth defect-causing), and mutagenic (gene-damaging). The existing laws regulated chemicals only when they were released into the environment; TSCA regulates potentially harmful substances before their production.

Overview of Training Requirements

RCRA Hazardous Waste

Who must receive training?

- Personnel who manage hazardous waste under the large and small quantity generator regulations at 40 CFR 262.16 and .17, respectively

How often must training be provided?

Large quantity generator personnel must receive training within 6 month of assignment, and annually thereafter. Small quantity generators do not have a specific time-based training requirement, but must be thoroughly familiar with the regulations that apply to their activities

What must be covered?

- How to perform duties in a manner that complies with RCRA regulations
- How to perform assigned emergency response responsibilities

49 CFR 172.700–.704 DOT Training Requirements

Who must receive training?

Employees who directly affect the safe transport of hazardous materials, including those who:

- Load, unload, or handle hazardous materials (incidental to transportation)
- Inspect, maintain, repair, or test a hazardous materials package
- Prepare hazardous materials for transportation (pre-transportation functions, such as packaging, marking, and labeling)
- Are responsible for the safety of transporting hazardous materials
- Operate a vehicle used to transport hazardous materials
- Prepare bills of lading or hazardous waste manifests

How often must training be provided?

Initial training must be provided within 90 days after assignment and recurrent training must be provided every three years.

What must be covered?

- General awareness
- Specific training applicable to the employee's job function and mode(s) of transportation (highway, rail, air, vessel)
- Safety training
- Security awareness training
- In-depth security plan training (required if a written security plan is required per 49 CFR 172 Subpart I)

OSHA 29 CFR 1910.1200 Hazard Communication Program Employee Right-to-Know

Who must receive training?

Virtually all employees exposed to any chemical hazards

How often must training be provided?

Prior to assignment and when new hazards are introduced. Updated training is required to satisfy OSHA's adoption of the Globally Harmonized System (GHS).

What must be covered?

- Details and availability of the written hazard communication program
- OSHA physical and health hazards
- Safety data sheets (SDSs)
 - Availability and location
 - How to use SDSs
- How to read labels used at the facility
- Control measures taken by the employer
- Control measures taken by the employee
- How to detect release/exposure to hazardous chemicals, including signs and symptoms
- Emergency procedures to follow in the event of a release

Overview of Training Requirements

OSHA 29 CFR 1910.120 Hazardous Waste Operations and Emergency Response (HAZWOPER)

Who must receive training?

- Members of HAZMAT teams who will respond to releases of hazardous substances
- Workers at Superfund sites, RCRA cleanup sites, and voluntary cleanup sites
- Workers at hazardous waste treatment, storage, and disposal facilities (TSDFs)

How often must training be provided?

Initial training must be provided prior to assignment, and annual refresher training is required.

What must be covered?

The topics covered and length of training required vary with the type of employees being trained and their position. See the following table.

	Initial Training	Annual Training
Cleanup Sites		
• General site workers	40 Hours + 3 Days 8 Hours	8 Hours
• Occasional site workers (and workers at sites with no hazards/potential emergencies)	24 Hours + 1 Day	8 Hours
• Managers/Supervisors	Additional 8 Hours	8 Hours
TSD Facilities		
• All Site Workers	24 Hours + 3 Days 8 Hours	8 Hours
HAZMAT Teams		
• First Responder Awareness	To understanding (initiate)	To competency
• First Responder Operations	8 Hours (defensive)	To competency
• HAZMAT Technician	24 Hours (aggressive)	To competency
• HAZMAT Specialist	24 Hours + competency (special HAZMAT knowledge)	To competency
• Incident Commander	24 Hours (in charge)	To competency
• Skilled Support (e.g., backhoe operator)	Pre-entry briefing	Not applicable
• Technical Specialist (e.g., skilled trades)	Annual competency	To competency

Time for Training?

To meet your compliance needs, call 800-537-2372, or visit our website at www.environmentalresourcecenter.com.

Can't Come to Us? We'll Come to You

Environmental Resource Center can customize any of our environmental, transportation, or safety programs to meet the specific needs of your facility and personnel.

For more information about this service, contact Amy Knight at 919-469-1585, Ext. 224, or aknight@environmentalresourcecenter.com.

Federal and State Agency Contacts

Chemtrec

Chemical Transportation Emergency Center
.....800-424-9300

National Response Center/Terrorist Hotline

.....800-424-8802

National Poison Control Hotline

Emergency only.....800-222-1222
Administrative and Materials Requests...202-362-3867

U.S. EPA Headquarters Offices

Office of the Administrator202-564-4700
Office of Air and Radiation.....202-564-7404
Office of Chemical Safety and Pollution
Prevention.....202-564-2902
Office of Enforcement and Compliance
Assurance.....202-564-2440
Office of General Counsel.....202-564-8040
Office of Inspector General.....202-566-0847
Office of International and Tribal Affairs...202-564-6600
Office of Land and Emergency
Management.....202-566-0200
Office Research and Development.....202-564-6620
Office of Mission Support.....202-564-4600
Office of Water.....202-564-5700

Additional Contacts

Asbestos Ombudsman.....800-368-5888
CDC Information.....800-232-4636
CHEMTREC Ctr. for Non-Emer. Serv.....800-262-8200
Consumer Product Safety Commission...800-638-2772
DOE Office of Energy Info Center..... 202-586-0166
DOT Hazardous Materials Info. Center ...800-467-4922

Environmental Justice Hotline.....800-962-6215
Freedom of Information Act (FOIA).....202-566-1667
Government Printing Office.....866-512-1800
Lead Information Center Hotline.....800-424-5323
National Pesticide Information Center.....800-858-7378
National Technical Info Service (NTIS).....800-363-2068
NPDES Permitting Program.....202-564-9545
Pesticides Hotline.....800-858-7378
OSHA (Worker Safety).....800-321-6742
Pollution Prevention Info. Clearinghouse...202-566-0799
Radon.....800-767-7236
RCRA Docket.....202-566-0270
Safe Drinking Water Hotline.....800-426-4791
Small Business Administration.....800-827-5722
Small Business Ombudsman.....800-368-5888
SmartWay Transport Partnership.....734-214-4767
EPCRA Information Center.....800-424-9346
Superfund Docket.....202-566-0276
TSCA Hotline.....202-554-1404
TSCA Docket.....202-554-1404
Wetlands Information.....202-566-1146

U.S. EPA Library

Headquarters.....202-566-0556
Enforcement Investigations.....303-462-9353
Research Triangle Park Library.....919-541-2777

State Agency Contacts

Alabama

Department of Environmental Management
.....334-271-7700

Alaska

Department of Environmental Conservation
.....907-465-5066

Arizona

Department of Environmental Quality
.....800-234-5677

Arkansas

Department of Environmental Quality
.....501-682-0744

California

Environmental Protection Agency
.....916-323-2514

Colorado

Department of Public Health and Environment
.....303-692-2000

Connecticut

Department of Energy and Environmental Protection
.....860-424-3000

Washington, D.C.

Department of Energy and Environment
.....202-535-2600

Delaware

Department of Nat. Resources & Env. Control
.....302-739-9000

Florida

Department of Environmental Protection
.....850-245-2118

Georgia

Department of Natural Resources
.....404-656-4713

Hawaii

Department of Health
.....808-586-4400

Federal and State Agency Contacts

Idaho Department of Environmental Quality208-373-0502	Montana Department of Environmental Quality406-444-2544	South Carolina Department of Health and Environmental Control803-898-3432
Illinois Environmental Protection Agency217-782-3397	Nebraska Department of Environment and Energy402-471-2186	South Dakota Department of Agriculture & Natural Resources605-773-5559
Indiana Department of Environmental Management317-232-8603	Nevada Division of Environmental Protection775-687-4670	Tennessee Department of Environment and Conservation888-891-8332
Iowa Department of Natural Resources515-725-8200	New Hampshire Department of Environmental Services603-271-3503	Texas Commission on Environmental Quality512-239-1000
Kansas Department of Health and Environment785-296-1500	New Jersey Department of Environmental Protection866-337-5669	Utah Department of Environmental Quality801-536-4400
Kentucky Department for Environmental Protection502-564-0323	New Mexico Environment Department505-827-2855	Vermont Department of Environmental Conservation802-828-1556
Louisiana Department of Environmental Quality866-896-5337	New York Department of Environmental Conservation518-402-8044	Virginia Department of Environmental Quality804-698-4000
Maine Department of Environmental Protection207-287-7688	North Carolina Department of Environmental Quality877-623-6748	Washington Department of Ecology360-407-6000
Maryland Maryland Department of the Environment410-537-3000	North Dakota Department of Environmental Quality701-328-5150	West Virginia Department of Environmental Protection304-926-0440
Massachusetts Department of Environmental Protection617-292-5500	Ohio Environmental Protection Agency614-644-3020	Wisconsin Department of Natural Resources888-936-7463
Michigan Department of Environment, Great Lakes, and Energy800-662-9278	Oklahoma Department of Environmental Quality405-702-0100	Wyoming Department of Environmental Quality307-777-7937
Minnesota Department of Natural Resources651-296-6157	Oregon Department of Environmental Quality503-229-5696	
Mississippi Department of Environmental Quality601-961-5171	Pennsylvania Department of Environmental Protection717-783-2300	
Missouri Department of Natural Resources573-751-3443	Rhode Island Department of Environmental Management401-222-4700	

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