

Chemical Safety Workshop for Regulated Facilities



EPCRA Overview

Luke Chavez

Grand Junction, CO

November 6, 2015

EPCRA Background



CERCLA 1980 “Superfund” cleanup

Superfund Amendment and
Reauthorization Act 1986 “SARA”

SARA Title III EPCRA --
Emergency Planning and
Community Right to Know

EPCRA Description



- to help **communities**,
- plan for **emergencies**,
- involving **releases**,
- of **hazardous substances**.

SARA TITLE III: OVERVIEW



EPCRA 301, 302, 303
Emergency Planning

EPCRA 304
Release Notification



Subtitle A
Emergency
Planning

EPCRA 311 & 312
Hazardous Chemical Storage Reporting

EPCRA 313
Toxic Release Inventory (TRI) Reporting



Subtitle B
Reporting
Requirements

Mandates Emergency Planning by:



- Federal,
- State,
- Local Governments,
- Tribal Nations,
and ...
- **Industry**



Acronyms



- EHS - Extremely Hazardous Substance
- SDS - Safety Data Sheet (Formerly MSDS)
- TPQ - Threshold Planning Quantity
- RQ - Reportable Quantity
- TRI - Toxic Release Inventory

Reporting Requirements for Facilities



- Emergency Planning Framework & Emergency Response Planning *Sections 301 & 303*
- Emergency Planning Notification *Section 302*
- Emergency Release Notification *Section 304*
- Hazardous Chemical Inventory Reporting *Sections 311 & 312*
- Toxic Chemical Inventory Reporting *Section 313* (managed by OEI/TRI)

PUBLIC LAW 99-499—OCT. 17, 1986 100 STAT. 1613

Public Law 99-499
99th Congress

An Act

To extend and amend the Comprehensive Environmental Response, Compensation, and Liability Act of 1980, and for other purposes.

Oct. 17, 1986
[H.R. 2005]

SECTION 1. SHORT TITLE AND TABLE OF CONTENTS.

This Act may be cited as the "Superfund Amendments and Re-authorization Act of 1986".

Hazardous materials.
Environmental protection.
42 USC 9601
note.

Emergency Planning and Community Right-To-Know Act of 1986.
42 USC 11001
note.

TITLE III—EMERGENCY PLANNING AND COMMUNITY RIGHT-TO-KNOW

SEC. 300. SHORT TITLE; TABLE OF CONTENTS.

(a) SHORT TITLE.—This title may be cited as the "Emergency Planning and Community Right-To-Know Act of 1986".

(b) TABLE OF CONTENTS.—The table of contents of this title is as follows:

Sec. 300. Short title; table of contents.

Subtitle A—Emergency Planning and Notification

Sec. 301. Establishment of State commissions, planning districts, and local committees.

Sec. 302. Substances and facilities covered and notification.

Sec. 303. Comprehensive emergency response plans.

Sec. 304. Emergency notification.

Sec. 305. Emergency training and review of emergency systems.

Subtitle B—Reporting Requirements

Sec. 311. Material safety data sheets.



Section 302--Arrival of an EHS

- Any facility ...
- with an **EHS** present at the facility
- **≥TPQ** in the List of Lists
- shall provide **written notification**
- within **60 days**
- to the **SERC and LEPC.**



Section 304-- Spill of an EHS

- Any facility ...
- At which a **hazardous chemical is produced, used or stored**
- With a **release or spill of a Reportable Quantity** (List of Lists)
- of an **EHS**
- to **immediately notify the LEPC, SERC and NRC** and to follow up with a written notice.

Section 304-- Spill of an EHS



**EPCRA Reportable Release
(EHS or Hazardous Substance)**



**Call NRC, SERC, TERC & LEPC
Immediately
(40 CFR § 355.40(b)(1))**



**Written Follow-up Emergency Notice
40 CFR 355.40(b)(3)**

WHEN IN DOUBT: REPORT

SPILL -- Who you gonna call?



- National Response Center
(800) 424-8802
- LEPC and SERC
immediately follow with written report



**National Response
Center:**

800-424-8802

EPA Region 8 Duty

OSC (24/7):

303-293-1788

EPA List of Lists



United States
Environmental Protection
Agency

Office of Solid Waste
and
Emergency Response

EPA 550-B-15-001
March 2015
www.epa.gov/emergencies

LIST OF LISTS

Consolidated List of Chemicals
Subject to the Emergency
Planning and Community Right-
To-Know Act (EPCRA),
Comprehensive Environmental
Response, Compensation and
Liability Act (CERCLA) and
Section 112(r) of the Clean Air Act

- EPCRA Section 302 Extremely Hazardous Substances
- CERCLA Hazardous Substances
- EPCRA Section 313 Toxic Chemicals
- CAA 112(r) Regulated Chemicals for Accidental Release Prevention

http://www2.epa.gov/sites/production/files/2015-03/documents/list_of_lists.pdf



List of Lists - Example

| NAME | CAS/313 Category Codes | Section 302 (EHS) TPQ | Section 304 EHS RQ | CERCLA RQ | Section 313 | RCRA CODE | CAA 112(r) TQ |
|---------------------------|------------------------|-----------------------|--------------------|-----------|-------------|-----------|---------------|
| Formaldehyde cyanohydrin | 107-16-4 | 1,000 | 1,000 | | | | |
| Allyl alcohol | 107-18-6 | 1,000 | 100 | 100 | 313 | P005 | 15,000 |
| 2-Propen-1-ol | 107-18-6 | 1,000 | 100 | 100 | X | P005 | 15,000 |
| Propargyl alcohol | 107-19-7 | | | 1,000 | 313 | P102 | |
| Chloroacetaldehyde | 107-20-0 | | | 1,000 | | P023 | |
| Ethylene glycol | 107-21-1 | | | 5,000 | 313 | | |
| Ethene, methoxy- | 107-25-5 | | | | | | 10,000 |
| Vinyl methyl ether | 107-25-5 | | | | | | 10,000 |
| Chloromethyl methyl ether | 107-30-2 | 100 | 10 | 10 | 313 | U046 | 5,000 |
| Methane, chloromethoxy- | 107-30-2 | 100 | 10 | 10 | X | U046 | 5,000 |
| Formic acid, methyl ester | 107-31-3 | | | | | | 10,000 |
| Methyl formate | 107-31-3 | | | | | | 10,000 |
| Sarin | 107-44-8 | 10 | 10 | | | | |
| TEPP | 107-49-3 | 100 | 10 | 10 | | P111 | |
| Tetraethyl pyrophosphate | 107-49-3 | 100 | 10 | 10 | | P111 | |

Section 311 and 312



- **Address two types of chemicals**
 - EHS (302)
 - Hazardous chemical (SDS)
- **These two involve reporting to the SERC, LEPC and fire department**

Section 311- One Time Report

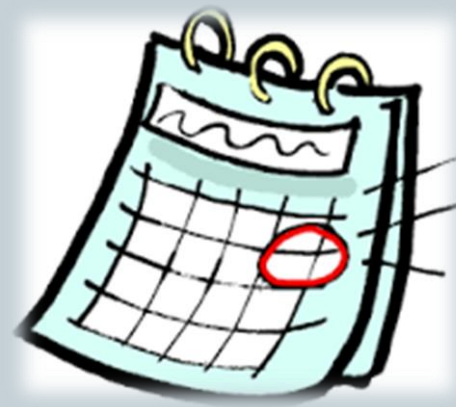


- Any facility...
- that **stores an EHS at the TPQ or 500 pounds**
- **OR**
- **chemical requiring an SDS in the amount of over 10,000 pounds**
- to submit a **one time notice**
- **SERC, the LEPC, and the local fire department.**

Section 312 TIER II Reports



- requires **qualifying** facilities
- to submit **Tier II** reports (previous year)
 - Use Tier2 Submit software to expedite your reporting
 - Download Tier2 Submit from the EPA website
- to the **LEPC, SERC, and local fire department**
- By **March 1 annually**



Does Your Facility Qualify?



Do you need to submit a Tier II report?

Hazardous
Chemical?

- Requires an SDS via OSHA?
- Over 10,000 pounds at any one time?

If Yes

Extremely
Hazardous
Substance?

- On the List of Lists?
- Over the TPQ or 500 pounds?
...whichever is less

If Yes

**Tier II Report
required**

Diesel or
Gasoline?

- Retail?
- Underground storage tanks?
- Over 100,000 gallons of diesel?
or
- Over 75,000 gallons of gasoline?

If Yes

Section 313 – TRI



To provide the public (the community) with access to information on the:

- presence,
- annual releases to the environment, and
- waste management activities

of EPCRA section 313 toxic chemicals in their communities

TRI (cont) - Who must report?



- Facilities in specific industry types (manufacturers, mining, electricity generators, chemical distribution, solvent recovery ops),
- with 10 or more full time employees, and
- that manufacture, process, or otherwise use threshold amounts of covered chemicals



Threshold Levels in TRI



- These are not the amounts stored on site; rather, these are the amounts of chemicals used during the year.
 - If a chemical is manufactured – 25,000 lbs
 - If a chemical is processed (incorporated into the final product) – 25,000 lbs
 - If a chemical is “otherwise used” (catalyst, lubricant, refrigerant)

TRI (cont)



If a facility meets all criteria.....

- In a covered industry type
- Has 10 or more employees
- Using a threshold or more of a TRI chemical

**...PREPARE AND SUBMIT the Form A or Form R
by July 1 to the EPA**

Resources



- Lori Reed reed.lori@epa.gov OR
- Luke Chavez chavez.luke@epa.gov
- The List of Lists
- EPA EPCRA Website
 - <http://www2.epa.gov/epcra>
- EPCRA Hotline (800) 424-9346
- Tier2 Submit software HELP function

EPA EPCRA Contact:



- **Lori Reed**
 - SEE Emergency Preparedness
 - EPA Region 8
 - Reed.Lori@epa.gov
 - **303-312-6190**
- **Luke Chavez**
 - Exercise Coordinator - MEP
 - EPA Region 8
 - Chavez.luke@epa.gov
 - **303-312-6512**

Chemical Safety Workshop for Regulated Facilities



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Risk Management Plan

Rebecca Broussard
Environmental Protection Specialist

RMP - Overview

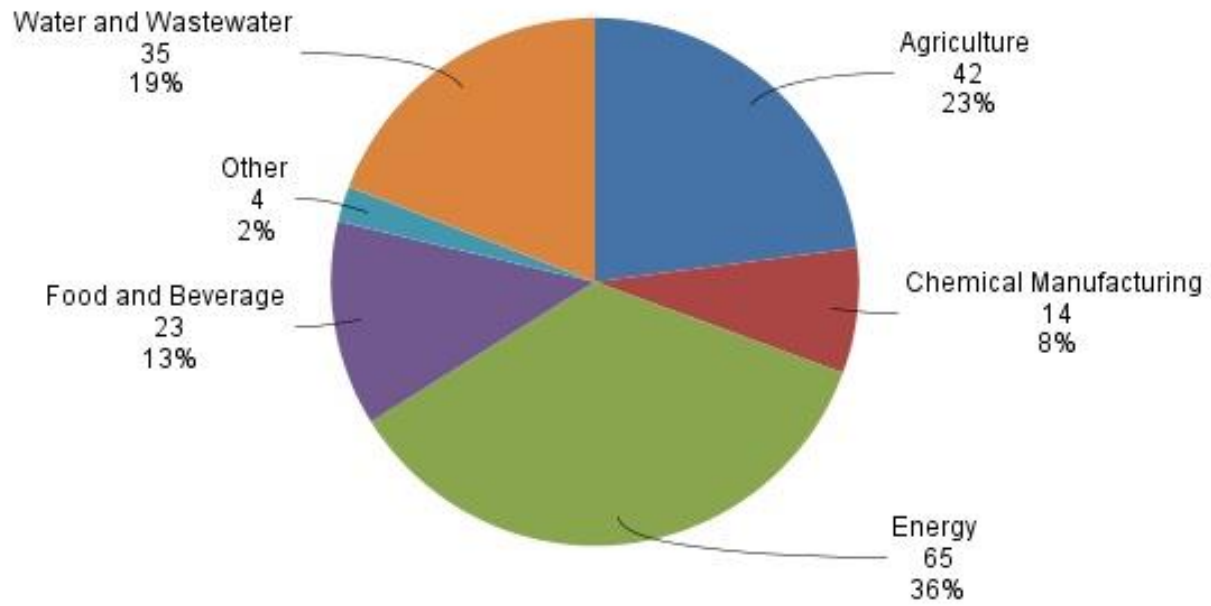


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- History: Section 112(r) of the Clean Air Act Amendments: EPA must publish regulations and guidance for chemical accident prevention at facilities that use certain hazardous substances
- Why?
 - Information helps local fire, police, and emergency response personnel prepare for and respond to chemical emergencies.



Colorado State Facilities by Industry



Current (Active) Facilities: 182

Data displayed is accurate as of 12:00 AM (EDT) Friday, October 23, 2015



Colorado State Facilities by Top Chemicals

Colorado State Top 10 Flammable Chemicals by Quantity

| Chemical Name | Quantity (tons) | Active Facilities* | Processes |
|--|-----------------|--------------------|-----------|
| Flammable Mixture | 33,479 | 59 | 72 |
| Propane | 3,277 | 22 | 23 |
| Butane | 715 | 4 | 4 |
| Methane | 243 | 6 | 6 |
| 1,3-Butadiene | 193 | 1 | 1 |
| Ethane | 145 | 2 | 2 |
| Pentane | 81 | 2 | 2 |
| Difluoroethane [Ethane, 1,1-difluoro-] | 33 | 1 | 1 |
| Isopentane [Butane, 2-methyl-] | 31 | 1 | 1 |
| Ethyl ether [Ethane, 1,1'-oxybis-] | 29 | 1 | 1 |

*A facility may report more than one process and be included in the counts for more than one chemical.

Data displayed is accurate as of 12:00 AM (EDT) Friday, October 23, 2015



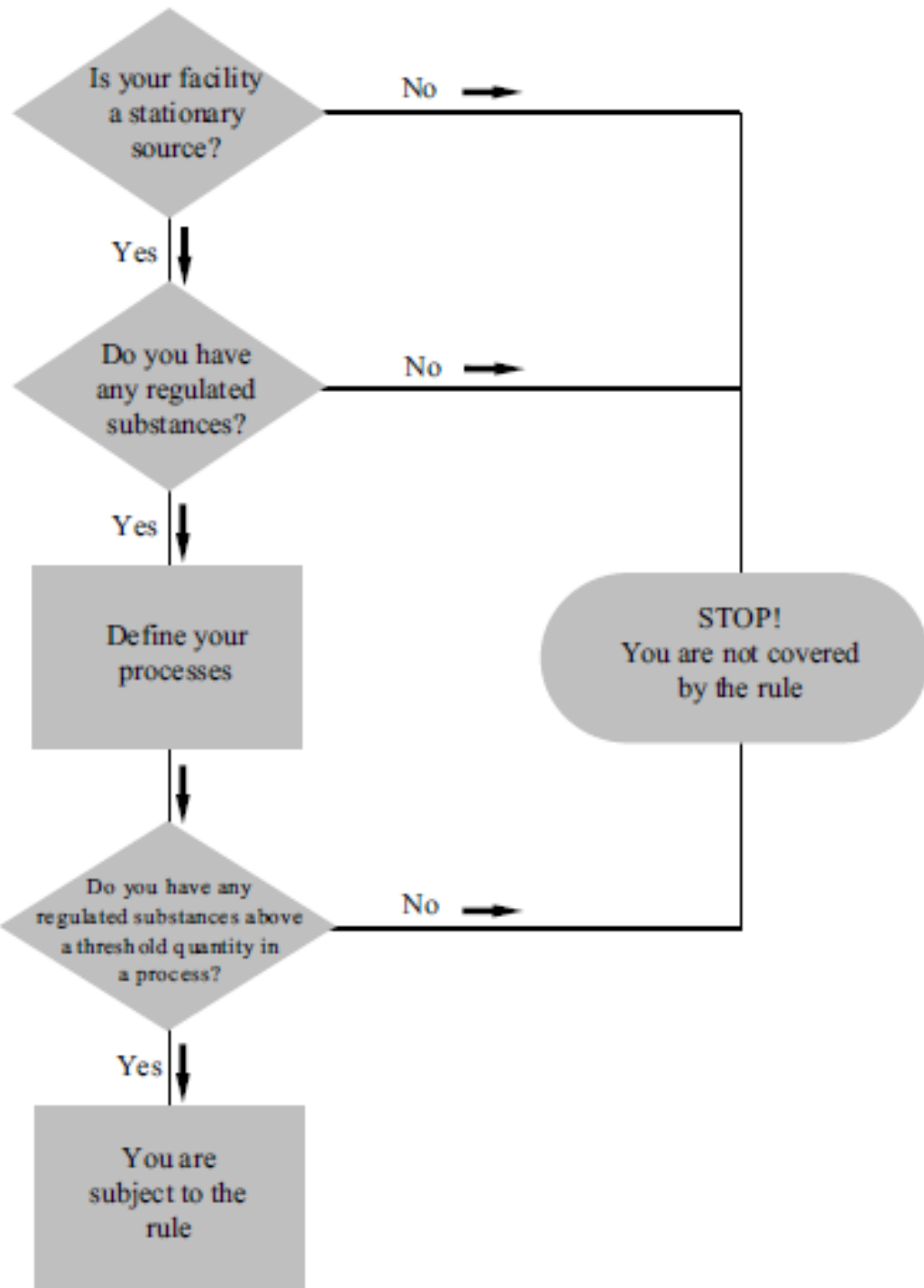
Colorado State Facilities by Top Chemicals

Colorado State Top 10 Toxic Chemicals by Quantity

| Chemical Name | Quantity (tons) | Active Facilities* | Processes |
|--|-----------------|--------------------|-----------|
| Ammonia (anhydrous) | 9,279 | 72 | 77 |
| Chlorine | 1,453 | 38 | 41 |
| Ammonia (conc 20% or greater) | 530 | 5 | 7 |
| Hydrochloric acid (conc 37% or greater) | 150 | 1 | 1 |
| Toluene diisocyanate (unspecified isomer) [Benzene, 1,3-diisocyanatomethyl-] | 94 | 1 | 1 |
| Sulfur dioxide (anhydrous) | 61 | 2 | 2 |
| Chloroform [Methane, trichloro-] | 25 | 1 | 1 |
| Piperidine | 19 | 1 | 1 |
| Hydrogen fluoride/Hydrofluoric acid (conc 50% or greater) [Hydrofluoric acid] | 18 | 2 | 2 |
| Hydrogen sulfide | 7 | 1 | 1 |

*A facility may report more than one process and be included in the counts for more than one chemical.

Data displayed is accurate as of 12:00 AM (EDT) Friday, October 23, 2015



Definitions



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- **Regulated substance:** any substance listed in CAA 112(r)(3) in CFR 68.130
- **Threshold quantity:** quantity specified for a regulated substance present at a stationary source
- **Stationary source:** any structures/equipment located on one or more contiguous properties under the control of the same person(s) from which an accidental release may occur
 - Properties shall not be considered contiguous solely because of a railroad or pipeline right-of-way

Final List of Regulated Substances



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- 140 substances (63 flammable, 77 toxic)

List of Regulated Substances under the Risk Management Plan (RMP) Program

The Risk Management Plan (RMP) rule provides a List of Regulated Substances under section 112(r) of the Clean Air Act. This includes their synonyms and threshold quantities (in pounds) to help assess if a process is subject to the RMP rule. Where the Clean Air Act Section 112(r) program has been delegated to a state, that state may have additional requirements for the federally listed chemicals, and/or additional listed chemicals.

List of Regulated Substances and Thresholds for Accidental Release Prevention

| Chemical Name | CAS No. | Threshold Quantity (lbs.) |
|--------------------------|-----------|---------------------------|
| 1,1-Dichloroethylene | 75-35-4 | 10,000 |
| 1,1-Dimethyl hydrazine | 57-14-7 | 15,000 |
| 1,2-Ethanediamine | 107-15-3 | 20,000 |
| 1,2-Propadiene | 463-49-0 | 10,000 |
| 1,3-Butadiene | 106-99-0 | 10,000 |
| 1,3-Butadiene, 2-methyl- | 78-79-5 | 10,000 |
| 1,3-Pentadiene | 504-60-9 | 10,000 |
| 1-Buten-3-yne | 689-97-4 | 10,000 |
| 1-Butene | 106-98-9 | 10,000 |
| 1-Butyne | 107-00-6 | 10,000 |
| 1-Chloropropylene | 590-21-6 | 10,000 |
| 1-Pentene | 109-67-1 | 10,000 |
| 1-Propene | 115-07-1 | 10,000 |
| 1-Propene, 1-chloro- | 590-21-6 | 10,000 |
| 1-Propene, 2-chloro- | 557-98-2 | 10,000 |
| 1-Propene, 2-methyl- | 115-11-7 | 10,000 |
| 1-Propyne | 74-99-7 | 10,000 |
| 2,2-Dimethylpropane | 463-82-1 | 10,000 |
| 2-Butenal | 4170-30-3 | 20,000 |
| 2-Butenal, (e)- | 123-73-9 | 20,000 |

List of Lists



List of chemicals subject to reporting requirements under the Emergency Planning and Community Right-to-Know Act (EPCRA), Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) and Section 112(r) of the Clean Air Act.

Top

LIST OF LISTS

CONSOLIDATED LIST OF CHEMICALS (BY CAS NUMBER)
SUBJECT TO EPCRA, CERCLA AND CAA SECTION 112(r)

| NAME | CAS/313 Category Codes | Section 302 (EHS) TPQ | Section 304 EHS RQ | CERCLA RQ | Section 313 | RCRA CODE | CAA 112(r) TQ |
|---|------------------------------|--------------------------|--------------------------|--------------|----------------|--------------|---------------------|
| Chlordane (Technical Mixture and Metabolites) | N.A. | | | & | | | |
| Chlorinated Benzenes | N.A. | | | & | | | |
| Chlorinated Ethanes | N.A. | | | & | | | |
| Chlorinated Naphthalene | N.A. | | | & | | | |
| Chloroalkyl Ethers | N.A. | | | & | | | |
| Coke Oven Emissions | N.A. | | | 1 | | | |
| Creosote | N.A. | | | 1 | | U051 | |
| Cyanides (soluble salts and complexes), not otherwise specified | N.A. | | | 10 | 313c | P030 | |
| DDT and Metabolites | N.A. | | | & | | | |
| Dichlorobenzidine | N.A. | | | & | | | |
| Diphenylhydrazine | N.A. | | | & | | | |
| Endosulfan and Metabolites | N.A. | | | & | | | |
| Endrin and Metabolites | N.A. | | | & | | | |
| Fine mineral fibers | N.A. | | | & | | | |
| Haloethers | N.A. | | | & | | | |
| Halomethanes | N.A. | | | & | | | |
| Heptachlor and Metabolites | N.A. | | | & | | | |
| Nitrobenzene | N.A. | | | & | | | |



Mixtures and Solutions

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- Listed toxic mixtures containing $\geq 1\%$ listed toxic substance with partial pressure ≥ 10 mmHg
- Listed flammable mixtures containing $\geq 1\%$ listed flammable substance with mixture exceeding NFPA 4 flammability criteria
- Substances with specified concentrations
 - Nitric acid ($> 80\%$)
 - Hydrofluoric acid ($> 50\%$)
 - Hydrochloric acid ($> 37\%$)
 - Aqueous ammonia ($> 20\%$)



RMP Regulation Exemptions

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- Mixtures < 1% concentration (flammable and toxic)
- Gasoline used as fuel for internal combustion engines
- Naturally occurring hydrocarbon mixtures prior to processing
- “Articles”
- Activities in laboratories
- Flammable substances used as fuel or held for retail sale
- Specified uses
 - As structural component of stationary source
 - For routine janitorial maintenance
 - As foods, drugs, cosmetics, or other personal items
 - In process water, non-contact cooling water, compressed air, or air used for combustion
- Outer continental shelf sources
- Anhydrous ammonia held by farmers for use as nutrient
- Transportation

More Definitions



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- **Process:** activity involving a regulated substance
 - Any group of vessels that are interconnected or separate vessels that are located such that a regulated substance could be involved in a potential release shall be considered a single process
- **Covered process:** process that has a regulated substance present in more than a threshold quantity
- **Vessel:** any reactor, tank, drum, barrel, cylinder, vat, kettle, boiler, pipe, hose, or other container
 - Includes transportation containers disconnected from mode of power



One Process



Program Level



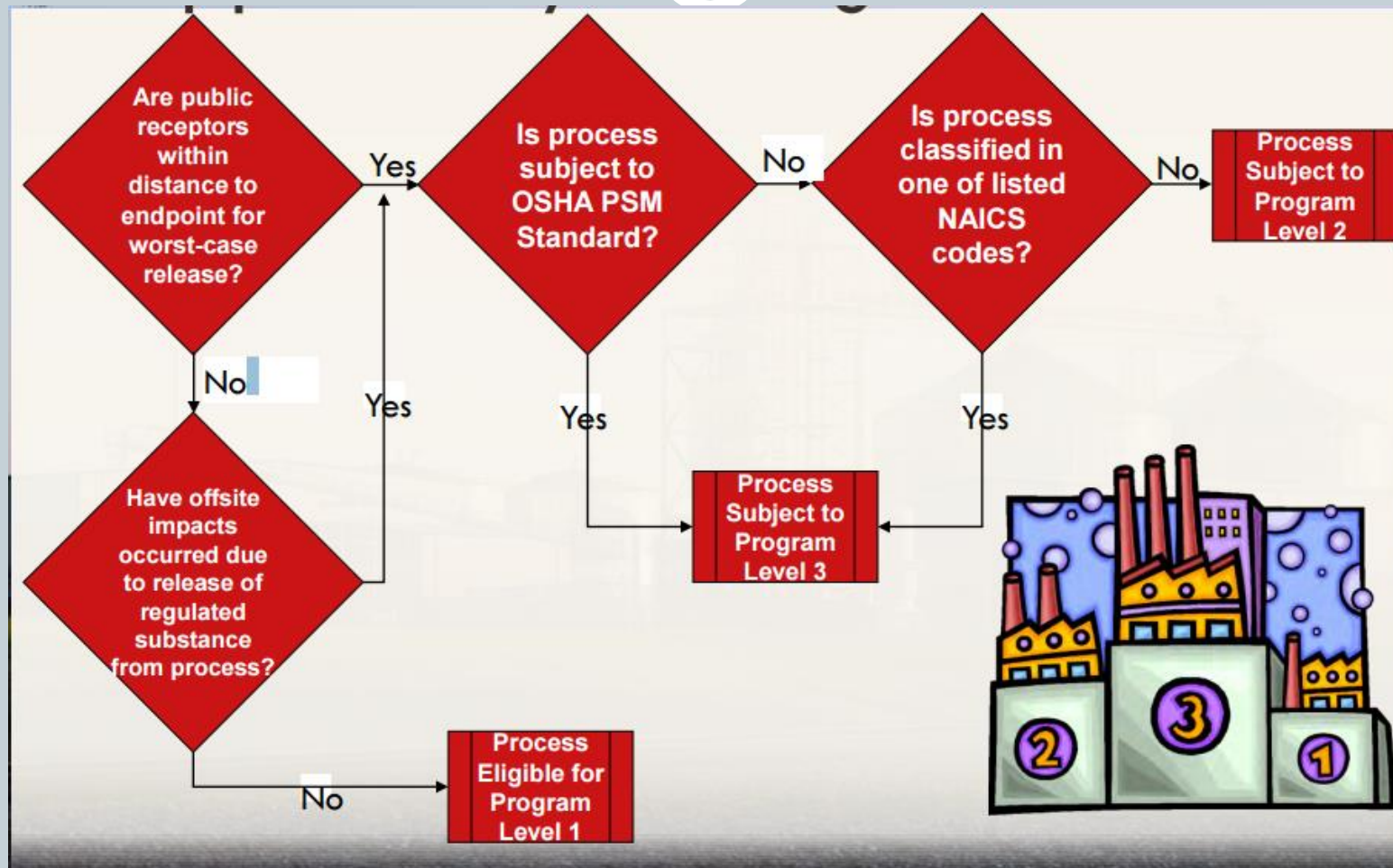
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- Determine Program 1, 2, or 3 and follow appropriate regulatory requirements
 - Program 1: 40 CFR 68.10(b) and 68.12
 - Program 2: 40 CFR 68 Subpart C
 - Program 3: 40 CFR 68 Subpart D
- Ensure that individual chemical processes are subject to appropriate requirements based on the process's associated risks – not facility as a whole

Applicability of Program Levels



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Public Receptors



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Public Receptors: “. . . offsite residences, institutions (e.g., schools and hospitals), industrial, commercial, and office buildings, parks, or recreational areas inhabited or occupied by the public at any time without restriction by the stationary source where members of the public could be exposed to toxic concentrations, radiant heat, or overpressure, as a result of an accidental release.”

Offsite means areas beyond your property boundary and "areas within the property boundary to which the public has routine and unrestricted access during or outside business hours."



RMP: Requirements

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- **Hazard assessment** that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases;
- **Prevention program** that includes safety precautions and maintenance, monitoring, and employee training measures; and
- **Emergency response program** that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g. the fire department) should an accident occur.
- Revised every 5 years; more frequently with changes

RMP: More Information



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- Resources:
 - **List of regulated substances:** <http://www2.epa.gov/rmp/list-regulated-substances-under-risk-management-plan-rmp-program>
 - **General information:** <http://www2.epa.gov/rmp>
 - **Guidance for facilities:** <http://www2.epa.gov/rmp/guidance-facilities-risk-management-programs-rmp>
 - **How to submit:** <http://www2.epa.gov/rmp/how-submit-risk-management-plan-rmp-epa>
 - **Training:** <http://www2.epa.gov/rmp/risk-management-plan-rmp-webinars-and-training>
 - **Hotline:** 800-424-9346 (select option #6 from menu)

How to Report a Spill or Release



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**Call the
National Response Center at
1-800-424-8802**

RMP: Contact



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Request an RMP: 303-312-6345

OR

Rebecca Broussard

Environmental Protection Specialist

EPA Region 8

303-312-6568

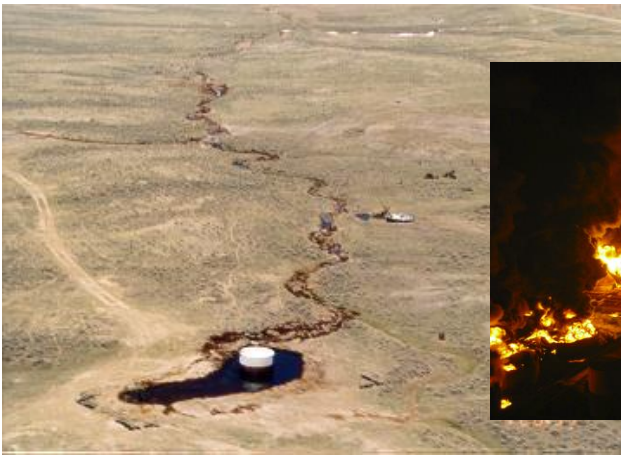
Broussard.Rebecca@epa.gov

Chemical Safety Workshop for Regulated Facilities



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40CFR112 -SPCC/FRP & GIUEs



Oil Pollution Prevention Regulation – 40 CFR 112



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- ❖ **Spill Prevention Control and Countermeasure (SPCC) Rule:** Requirements help prevent oil discharges from reaching navigable waters or adjoining shorelines.
- ❖ **Facility Response Plan (FRP):** Specifies requirements for preparedness and response to oil discharges.



SPCC – 40 CFR 112



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Spill Prevention Control and Countermeasure Rule

- Authority from the Clean Water Act
- Regulation codified in 40 CFR part 112
- EPA implements Rule nationwide
- Effective date January 1974

Who is Regulated under SPCC?



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SPCC applies to a facility which:

- Stores, transfers, uses, or consumes oil or oil products, such as diesel fuel, gasoline, lube oil, hydraulic oil, adjuvant oil, crop oil, vegetable oil, or animal fat; **and**
- Stores more than **1,320** US gallons in aboveground containers; **and**
- Could reasonably be expected to discharge oil to waters of the US or adjoining shorelines, such as interstate waters, intrastate lakes, rivers, and streams.

**** Count only containers of oil that have a storage capacity of 55 US gallons and above (Drums included)**

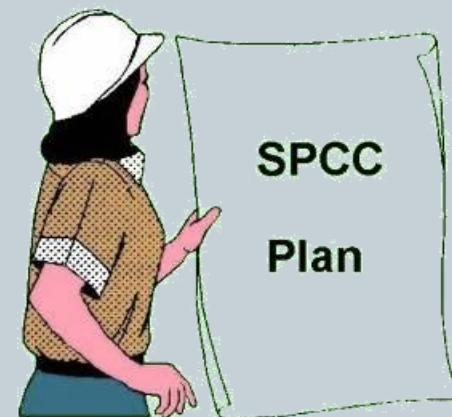




SPCC: Requirements

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- The document required by §112.3 that details the equipment, workforce, procedures, and steps to prevent, control, and provide adequate countermeasures to a discharge.
 - Description of the procedures used to prevent oil spills;
 - Description of the measures used to contain and cleanup an oil spills;
 - A list of emergency contacts and first responders;
 - Description of inspection procedures done on pipes and containers;
 - Description of training for oil handling personal.



Subpart D – Facility Response Plan Requirements

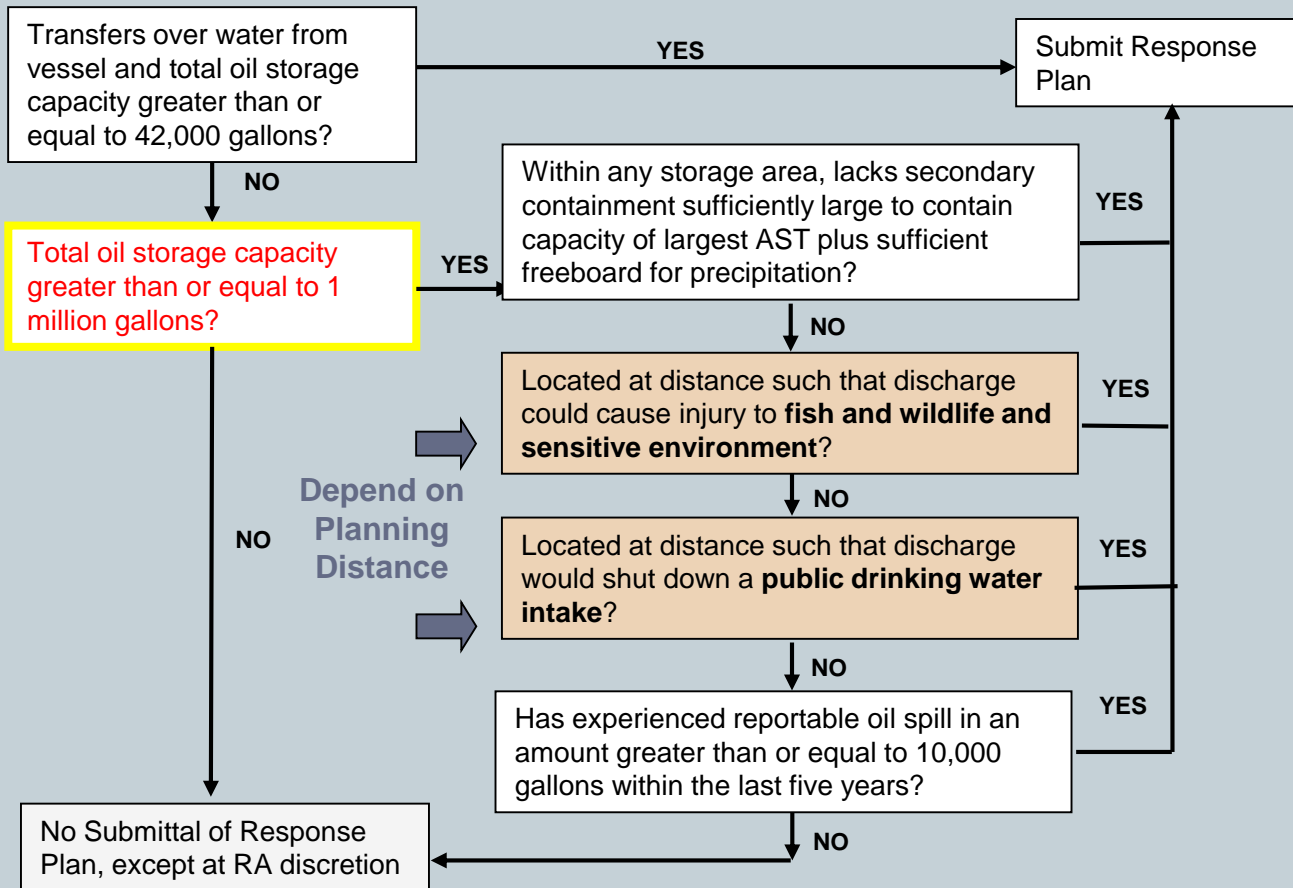


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- 112.20 Facility Response Plans
- 112.21 Facility Response Training and Drills/Exercises



Who is Regulated under FRP Program? Substantial Harm Criteria





FRP: Requirements

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1. ***Emergency Response Action Plan (ERAP)***
2. Facility information
3. Information about emergency response
4. ***Hazard evaluation***
5. Response planning levels
6. Discharge detection systems
7. Plan implementation
8. ***Self-inspection, drills/exercises, & response training***
9. Diagrams
10. Security systems
11. Response plan cover sheet

Government-Initiated Unannounced Exercises (GIUEs) under FRP Rule



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Government-Initiated Unannounced Exercises (GIUEs) under FRP Rule



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- What to Expect during GIUE:
 - Discharge Scenario: 2,100 gallons in water



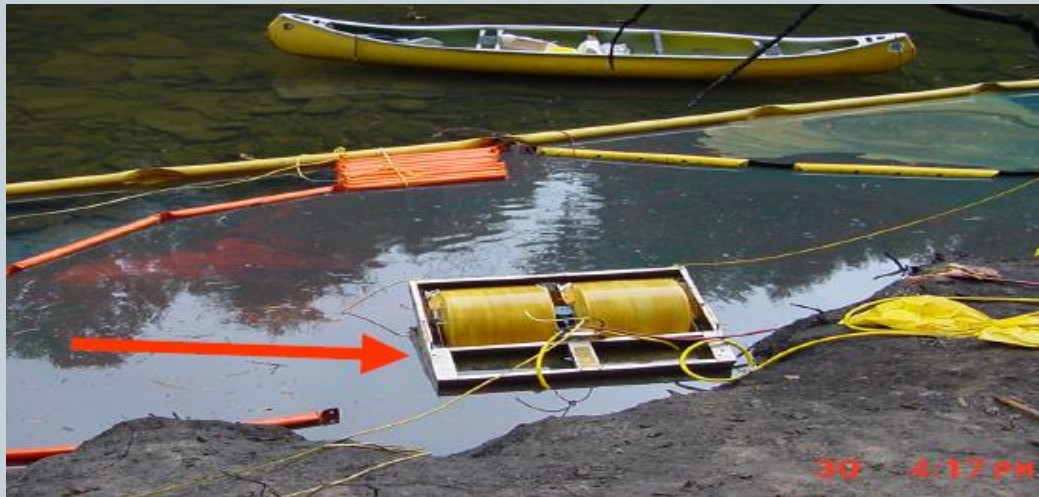
- What to Expect during GIUE:
 - Oil Response equipment to arrive on scene within 1 hour of simulated drill

Government-Initiated Unannounced Exercises (GIUEs) under FRP Rule



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- Oil Recover Devices
- GIUE performance evaluation criteria:
 - Oil recovery devices available within 2 hours of discovery of the spill
 - Must have effective daily recovery capability equal to amount of oil released in a small discharge (i.e., 2,100 gallons)
 - Deployed and ready to start oil recovery
 - Actual pumping of water is not required



Government-Initiated Unannounced Exercises (GIUEs) under FRP Rule



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- Satisfying the Requirements
 - The Federal On-Scene Coordinator (OSC) will end the exercise when:
 - ✦ It has been determined that the simulated spill has been contained;
 - ✦ At the end of 4 hours; or
 - ✦ At anytime safety is an issue or the response appears to be ineffective
 - A facility that satisfies the requirements of the exercise is not subject to another PREP GIUE for 36 months
 - A facility that does not satisfy the requirements of the exercise may be subject to another PREP GIUE at any time.
 - ✦ EPA may pursue an enforcement action pursuant to the Clean Water Act for any violations of the Oil Pollution Prevention regulations, including deficiencies observed during an exercise. Since penalties are assessed on a per day basis, it is in the facilities best interest to correct any observed noncompliance as quickly as possible.



Government-Initiated Unannounced Exercises (GIUEs) under FRP Rule



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- GIUE Objectives:
 - The goal of the GIUE program is to ensure that facilities are prepared to respond quickly and effectively to contain discharges.
 - EPA and the Coast Guard view the GIUE program as a constructive tool to help facilities determine response readiness and identify areas requiring improvement.
 - Evaluate a facilities ability to respond quickly and effectively to contain an oil spill
 - Conduct proper notification as detailed in the Facility Response Plan (FRP
 - Activate the facility's Spill Management Team and/or Oil Spill Removal Organization (OSRO)
 - Mobilize adequate equipment to effectively respond to the incident.



Reporting of Oil Spills



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- Report all oil discharges to navigable waters of the U.S. or adjoining shorelines to NRC at **1-800-424-8802**
- Federal government's centralized reporting center, which is staffed 24 hours a day by U.S. Coast Guard personnel
- Any person in charge of a vessel or an onshore or offshore facility must notify NRC immediately after he or she has knowledge of the discharge
- NRC relays information to EPA or U.S. Coast Guard depending on the location of the incident
- An On-Scene Coordinator evaluates the situation and decides if federal emergency response action is necessary



SPCC & FRP: More Information

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- EPA's SPCC web page
 - <http://www.epa.gov/emergencies/content/spcc/index.htm>
- EPA Oil Spill and Emergency Management web pages
 - www.epa.gov/oilspill
 - www.epa.gov/emergencies
- **HOTLINE:** Superfund, TRI, EPCRA, RMP, and Oil Information Center
 - (800) 424-9346 or (703) 412-9810
 - TDD (800) 553-7672 or (703) 412-3323
 - www.epa.gov/superfund/resources/infocenter

SPCC & FRP: Melissa Payan



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Questions?

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