

#### BASICS OF HAZARDOUS WASTE TRAINING FOR INDUSTRY J-3/31 Steve Reichow March 31, 2022

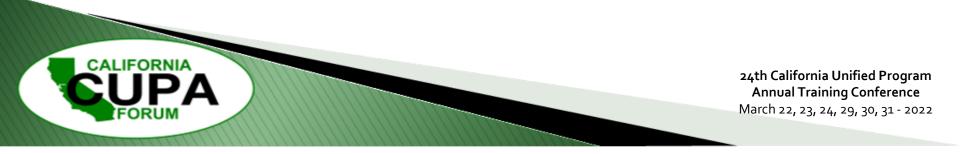


#### Thank you to all our 2022 SPONSORS and EXHIBITORS!



### Announcement - Zoom for Q&A

 Since we are in a Zoom meeting, we'll be using the Zoom Q&A for questions and we'll just be staying here for post session conversation after our meeting is over.



### Other Important CUPA 2022 Info for You

- Most of last week's Sessions are available as "Watch Now"
- Slido for Polls/Q&A for 90% of Sessions
- Check for Post Zoom meeting follow up link in Q&A
- Zoom meetings Use Q&A/Stay in meeting for post Session...there will be NO "Are you still watching?" in Zoom
- To earn CEUs, make sure to join the Session within the first 10 minutes for LIVE Sessions, click on "Are you still watching?" popups and attend at least 90% of the Session. Complete Session Evaluations and Conference Survey.



# NES iPad Giveaway

- kingsumo.com/g/fuartz/nesipad-giveaway/ezq7xlk
  - Apple 10.2-Inch iPad (9th Gen)
    - Wi-fi / 64GB storage / space gray color
    - Valued at \$329.99
  - Enter by March 31, 5:00 p.m. PST
  - One winner, must have valid email
    - Winner will be chosen by April 7
- > Link in chat & at NES virtual booth





# Objective

- Cover employee training requirements for the CUPA programs and select OSHA training requirements
  - Who
  - When
  - What



# Outline

- > Aboveground Petroleum Storage Act (APSA)
- California Accidental Release
  Prevention (CalARP) Program
- Hazardous Materials Business Plans (HMBP)
- > Hazardous Waste Generators
- > Underground Storage Tanks (USTs)
- > OSHA

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# Aboveground Petroleum Storage Act



# Aboveground Petroleum Storage Act

[40 CFR 112.7(f)]

#### > Who

- Oil-handling personnel
- > When
  - At least once per year

#### > What

- Discharge procedure protocols
- Operation and maintenance of equipment to prevent discharges
- Pollution control laws, rules, and regulations
- Facility operations
- Spill Prevention, Control, and Countermeasure (SPCC) Plan contents



# California Accidental Release Prevention Program



### California Accidental Release Prevention Program

- Program 2 Prevention
  Program
- Program 3 Prevention
  Program
- Program 4 Prevention
  Program





# Program 2 Prevention Program

[19 CCR 2755.4]

#### > Who

- Employees operating a covered process
- > When

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- Initial training: Prior to operating a covered process
- Refresher training: At least once every three years
  - More often if necessary
  - Training must be documented

#### > What

- Initial startup
- Normal operations
- Temporary operations
- Emergency shutdown and operations
- Normal shutdown
- Startup
- Consequences of deviations
- Equipment inspections

# Program 3 Prevention Program

#### ≻ Who

 Employees involved in an operating process

#### > When

- Initial training: Prior to being involved in an operating process
- Refresher training: At least once every three years
  - More often if necessary
  - Documentation
    - Employees name and training date
      - Measure to verify training

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#### > What

- Steps for each operating phase
- Startup
- Normal operations
- Temporary operations
- Emergency shutdown
- Normal shutdown
- Startup
- Operating limits

# **Program 4 Prevention Program**

#### [19 CCR 2762.4]

#### > Who

 Employees involved in an operating process

#### > When

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- Initial training: Prior to being involved in an operating process
- Refresher training: At least once every three years
  - More often if necessary
  - Documentation
    - Training certification

#### > What

- Steps for each operating phase
- Startup
- Normal operations
- Temporary operations
- Emergency shutdown
- Normal shutdown
- Startup
- Operating limits

# Hazardous Materials Business Plans



### Hazardous Materials Business Plans

[HSC 25505(a)(4)]

#### > Who

- All employees
  - Training can take into consideration position of each employee

#### > When

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- Initial training: When hired
- Refresher training: Annually
  - Documentation
    - Electronic or hard copies retained for a minimum of three years

#### > What

- Emergency response plans and procedures
- Notifications
  - Local emergency response personal
  - CUPA
- Mitigation procedures
  - Minimize harm to people, property, and environment
- Evacuation plans and procedures

### **Hazardous Waste Generators**



### **Hazardous Waste Generators**

- Small Quantity Generators
- Large Quantity Generators
- > Universal Waste Handlers



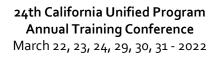


### **Small Quantity Generators**

[40 CFR 262.16(b)(9)(iii)]

#### ≻ Who

- Employees who generate and/or manage hazardous waste
- > When
  - Not specified
    - Recommended prior to employees assuming these duties
    - Annual training is a best management practice
- > What
  - Proper waste handling
  - Emergency response procedures
    - Training must be relevant to employee's responsibilities during normal operations and emergencies



# Large Quantity Generators

[22 CCR 66265.16]

#### > Who

- Facility personnel who generate and/or manage hazardous waste
- > When

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- Initial training: Within 180 days of hire or job placement
- Refresher training: Annually after initial training

- > Documentation
  - Description for each position
  - Job title for each position
  - Description of the type and length of training needed for each position
- > Records
  - Current employees: until facility closure
  - Former employees: three years from the date the employee last worked at the facility

### Large Quantity Generators

[22 CCR 66265.16]

#### > What

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- Proper waste handling
- Emergency response procedures
  - Mitigation
  - Abatement
  - Notification procedures
  - Emergency equipment
  - Emergency systems

- DOT Hazmat Employee training [49 CFR 172.704]
  - Required for personnel engaged in shipping hazardous waste
  - Initial training: Within 90 days
  - Refresher training: Once every three years
- Personnel must successfully complete the training through classroom, computer-based, or electronic instruction, or onthe-job (OTJ) training

### **Universal Waste Handlers**

[22 CCR 66273.36]

#### > Who

- Personnel who manage universal wastes
  - Personnel who manage universal waste is anyone who consolidates, sorts, treats, recycles, packages for transport, offers for transport, or physically relocate universal waste containers

#### > When

- Initially
- Refresher training: Annually after initial training
- > Documentation
  - Written record
    - Names and date of training
- > Records
  - Three years from date of training



### **Universal Waste Handlers**

[22 CCR 66273.36]

#### > What

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- Hazards associated with universal wastes
- Location of universal waste containers
- Procedures for responding to releases of universal wastes
- Labeling, collecting, handling, consolidating, and shipping universal wastes

- > Training Materials
  - Must be in the form of any written media:
    - Brochures
    - Email
    - Company letters/procedures
    - Pamphlets
    - Posters

# **Underground Storage Tanks**



#### Underground Storage Tanks [23 CCR 27715(c)]

#### > Who

- Employees responsible for operating UST
- > When

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- Initial training: Within 30 days
- Refresher training: Annually

#### > What

- Operation of UST
- Monitoring equipment
- Spills and overfills
- Name of contact person for emergencies and monitoring equipment alarms

#### Underground Storage Tanks [23 CCR 27715(c)]

- Training must be provided by a designated UST operator
- At least one trained employee must be present during operating hours

- > A list of trained employees must be kept on-site
  - Dates of training for all facility employees
  - Hire dates for all facility employees

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### **OSHA**



### HAZWOPER

[8 CCR 5192]

- > Clean-up operations
  - General Site Workers 40 hours + 3 days field experience
  - Occasional Site Workers 24 hours + 1 day field experience
  - On-Site Managers & Supervisors – 8 additional hours
  - All 8 hours of refresher training annually
- > TSD Facilities
  - 24 hours of initial training
  - 8 hours of refresher training annually



- > Emergency Response
  - First Responder Awareness
  - First Responder Operations –
    8 hours initial training
  - Hazardous Materials
    Technician / Specialist 24
    hours of initial training
  - Incident Commander/On-Scene Manager – 24 hours of initial training
  - All annual training, of sufficient content and duration, to maintain competency

### **Hazard Communication**

[8 CCR 5194(h)]

#### > Who

- Employees who may be exposed to hazardous chemicals
- > When

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- Initial training: Upon hire
- Refresher training: When new hazardous chemicals are used

#### > What

- Where hazardous chemicals are present
- Chemical hazards
- Safety data sheets
- Written Hazard
  Communication program
- Detecting hazardous chemical releases

### **Any Questions?**

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24th California Unified Program Annual Training Conference

CALIFORNIA CUPA FORUM