



Certified Unified Program Agency

Los Angeles County Fire Department
Health Hazardous Materials Division

Program Elements

- “ Hazardous Waste Generator Program;
- “ Hazardous Materials Release Response Plan and Inventory Program;
- “ California Accidental Release Prevention Program (Cal-ARP);
- “ Aboveground Storage Tank Program; and
- “ Underground Storage Tank Program.

Agency Roles

” In 1997, California Environmental Protection Agency delegated their responsibilities of administering and implementing inspection and enforcement duties of five program elements to the Certified Unified Program Agencies (CUPA).

Other CUPA

- “ Los Angeles City Fire Department
- “ Glendale Fire Department
- “ Santa Monica Fire Department
- “ Long Beach Environmental Health
- “ Santa Fe Springs Fire Department
- “ Vernon Environmental Control Department
- “ El Segundo City Fire Department

Participating Agencies

- ” Culver City
- ” Compton
- ” Redondo Beach
- ” Burbank
- ” Pasadena
- ” Monrovia
- ” Pasadena

Participating Agencies

- ” Downey Fire Department
- ” Torrance Fire Department
- ” LACo Public Works (regulates facilities with underground storage tanks containing fuel)

Mission Statement

- “ Protect lives, the environment, and property by providing prompt, skillful, and cost effective fire protection and life safety services.
- “ Protect the public health and the environment by conducting inspections, overseeing emergency response, taking enforcement, and overseeing site mitigation of contaminated soil.

Role of Cal ARP Unit

- ” Ensure that businesses
 - . disclose the types and amounts of their hazardous materials to CUPA
 - . develop and implement a business plan
 - . Develop and implement a risk management plan for processes that use regulated substances.

Regulated Substance

- “ Flammable material listed in Table 2
- “ Toxic material listed in Table 1 or Table 3

California Code of Regulations, Title 19 Public Safety, Division 2 Office of Emergency Services, Chapter 4.5 California Accidental Release Prevention Program, Article 8, Section 2770.5 has these tables.

California Environmental Reporting System

- “ CERS
- “ Electronic submissions of the hazardous material inventory, site map, business plan
- “ Tracks inspections and enforcement

Hazardous Material

- ” A material that poses a present or potential hazard to human health and safety or to the environment *if released into the workplace or the environment*, because of its quantity, concentration, or physical or chemical characteristics, and it includes.
- . hazardous substances,
 - . Regulated substance
 - . hazardous waste

Hazardous Wastes

- “ Wastes that cause harm to human health or the environment based on four characteristics: ignitability, toxicity, reactivity, and corrosivity.
- “ Used oil
- “ Listed wastes in California Code of Regulations, Title 22 Social Security, Division 4.5 Environmental Health Standards for the Management of Hazardous Wastes, Chapter 11 Identification and Listing of Hazardous Waste. Article 4 Lists of RCRA Hazardous Wastes.

Reporting Hazardous Materials

- “ Liquid equals to or exceeds fifty-five gallons
- “ Gas equals to or exceeds 200 cubic feet
- “ Solid equals to or exceeds 500 pounds
- “ The hazardous materials equals to or exceeds the threshold quantity of a toxic regulated substance listed in Table 3.

Contents of a Business Plan

- “ Hazardous materials inventory;
- “ Site map that contains north orientation, loading areas, internal roads, adjacent streets, storm and sewer drains, access and exit points, emergency shutoffs, evacuation staging areas, hazardous material handling and storage areas, and emergency response equipment;
- “ Emergency response plans and procedures for a reportable release or threatened release of a hazardous material, including, but not limited to, all of the following:
 - . Immediate notification to the appropriate local emergency rescue personnel and to the unified program agency.
 - . Procedures for the mitigation of a release or threatened release
 - . Evacuation plans and procedures
 - . Training for all new employees and annual training, including refresher courses, for all employees in safety procedures in the event of a release or threatened release of a hazardous material

Purpose of Business Plan

- “ Allows emergency responders to know the locations of the hazardous materials, the names of the coordinators at the facility, and the level of personal protection equipment for site entry.
- “ Provide descriptions for site employees on the safe and proper handling, storage, transportation, and disposal of hazardous materials and hazardous wastes.

Agreements

- ” PA and Los Angeles County Fire Department develop agreements and memorandum of understandings to ensure the PA has the resources to administer a program element
 - . Hazardous Materials Release Response Plan and Inventory Program, Cal ARP program, APSA, and/or UST program
 - . The administration and planning section of HHMD/LACoFD audits the PA.
 - . Cal EPA audits HHMD/LACoFD.
- ” <http://www.calepa.ca.gov/CUPA/>

Audits

“ Every three years Cal EPA sends state agents from Office of Emergency Services, Department of Toxic Substances Control, and the State Water Resources Control Board to each CUPA to evaluate its effectiveness with the administration and implementation of the five program elements.

Freeport McMoRan Oil & Gas, LLC

” Program Elements

- . Hazardous Waste Generator Program;
- . Hazardous Materials Release Response Plan and Inventory Program;
- . California Accidental Release Prevention Program (Cal-ARP);
- . Aboveground Petroleum Storage Act Program

Hazardous Materials

” Gas Plant

- . Natural Gas, LPG
- . Propane
- . Diethanolamine
 - ” toxic
- . Methanol
 - ” flammable
- . Corrosion inhibitors
 - ” Flammable and toxic

Hazardous Materials

- ” Inglewood Field
 - . Scale inhibitor
 - ” flammable
 - . Demulsifier
 - ” flammable
 - . Crude Oil
 - . Produced Water

Hazardous Materials

- “ T-Vickers LACT Unit

- . Oxygen Scavenger

- “ Toxic, corrosive

- “ Well Locations

- . Corrosion Inhibitors

- “ flammable and toxic

- . Hydrogen scavenger

- “ toxic

Inspections

” Hazardous Waste Program

- . On September 13, 2013, there were no violations.
- . On May 22, 2008, there were minor violations.
 - ” On July 11, 2008, the HMS II validated that the minor violation was abated. No penalties were required to bring the owner, PXP, into compliance.

Inspection

- “ Hazardous Materials Release Response Plan and Inventory Program
 - “ On September 9, 2014, there were minor violations. A notice of violation was issued. Compliance is scheduled for October 17, 2014. Compliance is determined by reviewing documents and/or making a reinspection.

Inspection

” Cal ARP

- . On November 19, 2012, there was one minor violation. On February 20, 2013, PXP corrected the problem and returned to compliance.
- . The routine inspection of the Cal ARP program ensures that the employees and managers who are assigned to the process for making and storing flammable materials are familiar with and know how to implement the risk management plan.

Inspection

- “ The law and regulations require the CUPA to make a routine inspection of the Hazardous Materials Release Response Plan and Inventory Program and the Cal ARP program at least once every three years from the previous routine inspection.

Right-to-Know

“ Public Review

- . business plans, inspection reports, and enforcement proceedings
- . However, the CUPA is not allowed to show the site map or offsite consequences analysis.

“ Request for reports are directed to

- . Deputy Health Officer, Public Health Investigator
Custodian of Records, Public Health Investigation, Los Angeles County Department of Public Health, 323-890-7808, 323-728-0217 Fax. This request may be made on a form:

“ <http://publichealth.lacounty.gov/phi/docs/PRRFORM.pdf>

References

- “ California Code of Regulations, Title 19 Public Safety, Division 2 Office of Emergency Services, Chapter 4.5 California Accidental Release Prevention Program; <http://oal.ca.gov/>
- “ Health and Safety Code, Division 20 Miscellaneous Health and Safety Provisions, Chapter 6.95 Hazardous Materials Release Response Plans and Inventory, Article 1 Business and Area Plan and Article 2 Hazardous Materials Management <http://leginfo.legislature.ca.gov/>

References

- ” Los Angeles County Fire Department:
· <http://www.fire.lacounty.gov/hhmd/>
- ” California Office of Emergency Services:
<http://www.calema.ca.gov/Pages/default.aspx>
- ” Cal EPA: <http://www.calepa.ca.gov/CUPA/>

Thank you! 😊

