



Request for Abstracts
California Unified Program Annual Training Conference
“Better and Consistent Together: Integrating Our Strengths”

The California Certified Unified Program Agency (CUPA) Forum Board in association with the California Environmental Protection Agency, its boards, offices and departments; the Office of the State Fire Marshall and the Office of Emergency Services will hold its 19th Annual Unified Program Conference on **February 6 – 9, 2017 at the Sheraton, San Diego.**

This conference provides for training in subjects related to enhancing Unified Program implementation and to improve consistency and coordination between the 84 CUPAs and 32 participating agencies (PAs) throughout California. The unified programs include hazardous waste management and tiered permitting, hazardous materials disclosure, California accidental release prevention, underground storage tank, and the aboveground storage tank programs. A CUPA is an agency that has been certified by the State to implement the unified programs. For more information on the unified program, please go to the CUPA Forum website at <http://www.calcupa.com>.

The CUPA Forum Board invites speakers to participate in this conference by submitting their presentation abstract by August 31, 2016. Presentations relevant to the unified programs are encouraged although other topics of special interest are also welcomed. Topics of interest would be in any of the above listed program elements as well as:

- Innovative programs or initiatives
- Related fire code issues
- Inspector skills development such as body language
- Enforcement skills and techniques
- Emergency response or mutual aide
- Site mitigation issues
- Anti-terrorism issues
- Management or leadership in government
- Toxicology or laboratory support/sampling
- Risk communication or management
- Technology

Presentation abstracts must be 400 words or less. See attached abstract form for other relevant information. The sessions are for technical programs and not intended to be a sales presentation.

Abstracts will be reviewed for interest, significance and relevance to the conference (and theme). Prospective speakers will be contacted by **October, 2016**. Send abstracts and inquiries to: bill.jones@fire.lacounty.gov , Jason Boetzer JBoetzer@co.calaveras.ca.us and copy Sheryl@calcupa.org
Thank you for your interest.

Conference Co-Chair Bill Jones, Los Angeles County Fire Department
Conference Co-Chair Jason Boetzer, Calaveras County Environmental Health
Conference Manager, Sheryl Baldwin, CAL CUPA Forum, 530-676-0815

PRESENTATION ABSTRACT
For California Unified Program Annual Training Conference

“Better and Consistent Together”

TITLE OF PRESENTATION:
PURPOSE OR OBJECTIVE:
OVERVIEW – Description of session (400 WORDS OR LESS):
PLEASE LIST THE CORE KNOWLEDGE AND SKILLS (FROM TRAINING FRAMEWORK ATTACHED): *APSA BASICS; CalARP BASICS; COMMON ELEMENTS BASICS; HAZWASTE GENERATOR & ONSITE TREATMENT BASICS; HAZMAT BUSINESS PLAN BASICS; UNDERGROUND STORAGE TANK PROGRAM BASICS.
SPEAKER NAME/ POSITION & TITLE:
BUSINESS OR AGENCY AFFILIATION:
CONTACT INFORMATION: Phone: Email: Website:
TIME NEEDED FOR PRESENTATION: _____ Sessions are planned for 1 hour and 45 minutes. Please allow time for at least 5 – 10 minutes for questions and answers. The entire session time will need to be used for continuing education requirements. 1.45 minute sessions (2 hours) will be given preference.
AUDIO-VISUAL or internet needs or other costs anticipated for Session: _____ The conference provides a HP laptop, projector, laser-pointer, wireless mouse, sound, screen & microphone.

TRAINING FRAMEWORK

Aboveground Petroleum Storage Act (APSA) Basic

Core Knowledge and Skills

B-1: Understanding of the history, purpose and administration of the California APSA.

B-2: Understanding of the Federal Spill Prevention Control and Countermeasure (SPCC) Plan regulations (40 CFR 112 et. seq.).

B-3: Understanding how the APSA program applies to types of facilities and equipment.

B-4: Understanding of APSA exempt tanks.

B-5: Understanding of all types of regulated facilities including qualified, non-qualified and conditionally exempt facilities.

B-6: Understanding of the basic requirements for preparing and implementing SPCC Plans.

B-7: Understanding the major health and safety hazards associated with APSA inspections and relevant safety-related equipment.

B-8: Ability to perform a detailed APSA inspection at a simple APSA facility (i.e. a one-tank facility), or perform a cursory inspection at a site with less than 10,000 gallons of petroleum (ex. PCC Plan verification).

B-9: Ability to process annual Tank Facility Statements.

B-10: Ability to define APSA and SPCC terms and concepts including, but not limited to:

- Reportable discharge,
- Environmental equivalence,
- Sized secondary containment,
- General containment,
- Freeboard,
- Impervious,
- Active measures,
- Passive measures,
- Facility drainage,
- Discharge controls, and
- Impracticability determination.

B-11: Ability to identify and classify violations and demonstrate a basic understanding of UPA's associated penalty amounts for APSA violations.

APSA Intermediate

Core Knowledge and Skills

I-1: Ability to perform detailed inspections at complex APSA facilities (i.e. tank facilities with field-constructed tanks, 10,000 gallon and greater multi-tank facilities, etc.).

I-2: In depth understanding of the requirements and application of APSA and SPCC regulations including, but not limited to:

- Transportation vs. Non-Transportation,
- "Reportable Discharge History,"
- "Environmental Equivalence,"
- "Sized" and "General" Secondary Containment,
- Key terms (i.e. Freeboard, Impervious, Active and Passive Measures, Facility Drainage and Discharge Controls),
- "Impracticability" determinations and associated requirements, and
- Required "Inspections, Evaluations and Tests" conducted by the facilities.

I-3: Understanding of Industry Inspection and Testing Standards.

I-4: Understanding of the spill reporting requirements for petroleum.

I-5: Understanding of the State and Regional Water Boards' roles and responsibilities concerning the cleanup or abatement of releases at a tank facility, including the necessary coordination between the UPA and the State/Regional Water Boards.

I-6: Ability to prepare an enforcement case for APSA violations.

APSA Advanced

Core Knowledge and Skills

A-1: Ability to make a determination that installation of secondary containment at an exempted tank facility is required.

A-2: Ability to inspect facilities with oil spill contingency plans using environmental equivalence measures for compliance.

A-3: Ability to provide classroom and on-the-job training for new inspectors on various complex topics including, but not limited to:

- Reportable discharge,
- Environmental equivalence,
- Sized secondary containment,
- General containment,
- Freeboard,
- Impervious,
- Active measures,
- Passive measures,
- Facility drainage,
- Discharge controls,
- Impracticability determination,
- Spill reporting requirements for petroleum,
- Transportation vs. non-transportation-related facilities, and
- Roles and responsibilities regarding cleanup and abatement of releases.

A-4: Detailed knowledge and familiarity with various industry inspection and testing standards for different types of tanks (API 653, STI SP001, etc.)

Specialty Knowledge and Skills

A/S-1: Ability to inspect complex oil refinery facilities and other special facilities

A/S-2: Ability to inspect complex marina and harbor facilities.

Cal Arp Basic

Core Knowledge and Skills

B-1: Understand the general requirements of the Cal ARP program, including the definition of covered process and other requirements

B-2: General understanding of the components of a Risk Management Plan, including submission requirements

B-3 Understanding the enforcement and statutory penalties in Chapter 6.95, Article II

Cal ARP Intermediate

Core Knowledge and Skills

I-1: Understanding of the requirements of a UPA/AA to the coordinate with the owner/operator of a stationary source

I-2: Ability to perform an Risk Management Plan completeness review

I-3: Understanding of release scenarios and off-site consequence analysis

I-4: Understanding of toxic endpoints and their application for the CalARP program

I-5: Understanding the differences of Hazard Reviews and Process Hazards Analysis and which one should be utilized

- I-6: Understanding of the elements of a Prevention Program, including the similarities and differences between Program 2 and Program 3 Prevention Programs
 - I-7: Understanding of the Emergency Response Program element of the CalARP program
 - I-8: Understanding and implementation of the graduated enforcement steps for CalARP violations (NOV, AEO, Civil action, etc.)
 - I-9: Understanding of substances regulated under the CalARP program, including threshold determination and exemptions/exclusions
- Specialty Knowledge and Skills
- I/S-1: Understanding of common processes regulated under the CalARP program, including but not limited to water treatment (chlorine), and ammonia refrigeration processes

Cal ARP Advanced

Core Knowledge and Skills

- A-1: Ability to perform Risk Management Plan evaluations independently
- A-2: Understanding of and ability to complete a CalARP Performance Audit, covering the UPA/ AA's CalARP activities for past year
- A-3: Ability to observe or provide regulatory clarification for a Process Hazard Analysis
- A-4: Understanding of common air dispersion models available and possess the ability to review the results.
- A-5: Understanding of the Local Program Evaluation element of the CalARP program, including dispute resolution.

Specialty Knowledge and Skills

- A/S-1: Understanding of unique CalARP processes, including but not limited to processes at refineries, computer chip manufacturers and large power plants

Common Elements Basic

Core Knowledge and Skills

- B-1: Understanding of hazardous materials health and safety, including personal safety.
- B-2: Understanding of programs and regulatory basis
- B-3: Ability to perform basic inspections, at most basic or common facilities in inventory, e.g. auto repair, dry cleaners, etc.
- B-4: Understanding of basic principles and collection of evidence
- B-5: Understanding of basic requirements for documentation, file construction, elements and classification of violations, entry and basic enforcement requirements.

Common Elements Intermediate

Core Knowledge and Skills

- I-1: Ability to perform inspections at more complex facilities
- I-2: Problem solving skills that enable dealing with more complex situations, based on training, experience, and science
- I-3: Ability to read and understand a lab report
- I-4: Ability to develop an enforcement case
- I-5: Ability to train new employees on basic inspections
- I-6: Ability to deal with difficult people

Common Elements Advanced

Core Knowledge and Skills

- A-1: Ability to conduct inspections, train employees, and review documents

- A-2: Ability to conduct single and multi-day inspections for large and complex facilities: refineries, large universities, nuclear power plants
- A-3: Ability to address most complex enforcement cases
- A-4: Participation in Unified Program Technical Advisory Group (TAG)
- A-5: Ability to provide program guidance to regulatory staff and regulated community

Hazardous Waste Generator and Onsite Hazardous Waste Treatment Basic

Core Knowledge and Skills

- B-1: Understanding of basic generator requirements, including
 - B-1.1: large generators.
 - B-1.2: hazardous waste container standards.
 - B-1.3: hazardous waste labeling standards.
 - B-1.4: accumulation time.
- B-2: Knowledge of universal waste rules.

Specialty Knowledge and Skills

- B/S-1: Identification of potential release/spill of hazardous materials/wastes to the environment.
- B/S-2 : Ability to initiate enforcement actions.
- B/S-3: Familiarity with the enforcement process.

Hazardous Waste Generator and Onsite Hazardous Waste Treatment Intermediate

Core Knowledge and Skills

- I-1: Understanding of waste determination.
- I-2: Understanding of hazardous waste tank standards.
- I-3: Understanding of recycling standards.
- I-4: Understanding of hazardous waste classifications.
- I-5: Ability to read and understand a lab analysis.
- I-6: Understanding of industrial treatment processes.
- I-7: Understanding of air emissions standards.
- I-8: Understanding of land disposal restrictions.

Specialty Knowledge and Skills

- I/S-1: Familiarity with complex facilities, which may include:
 - I/S-1.1: bio tech inspections.
 - I/S-1.2: metal finishing inspections.
 - I/S-1.3: refineries.
 - I/S-1.4: plating shop inspections.
- I/S-2: Greater familiarity with enforcement cases, including:
 - I/S-2.1: rules and evidence.
 - I/S-2.2: chain of custody.
 - I/S-2.3: photography.
- I/S-3: Knowledge of sampling protocol.

Hazardous Waste Generator and Onsite Hazardous Waste Treatment Advanced

Core Knowledge and Skills

- A-1: Ability to complete plan checks
- A-2: Understanding of permit by rule hazardous waste treatments, and can inspect a PBR unit/site.
- A-3: Understanding of air emission requirements.
- A-4: Understanding of disposal restrictions.

- A-5: Understanding of financial responsibility and assurance.
- A-6: Understanding of complex sampling tasks, including tanks and containers..
- A-7: Familiarity with SW 846 protocols and understanding of how to read SW 846.
- A-8: Understanding of aquatic toxicity.
- A-9: Ability to conduct witness interviews.
- A-10: Ability to review and oversee facility closure.

Specialty Knowledge and Skills

A/S-1: Proficiency with complex facilities, including:

- A/S-1.1: bio tech inspections.
- A/S-1.2: metal finishing inspections.
- A/S-1.3: refineries.
- A/S-1.4: plating shop inspections.

A/S-2: Corrective Action case management proficiency for site assessment and mitigation of potential hazardous materials releases.

A/S-3: Proficiency with administrative enforcement orders.

A/S-4: Proficiency with inspections and search warrants.

A/S-5: Proficiency with evidence collection.

Hazardous Materials Business Plan Basic

Core Knowledge and Skills

- B-1: Understanding of the spill release reporting requirements
- B-2: Understanding of applicability elements of a business plan, including applicability for agricultural handlers
- B-3: Understanding of the required forms pursuant to H&SC 6.95, Title 19 and Title 27
- B-4: Understanding of the minimum standards for Hazardous Materials Business Plans (HMBP)
- B-5: Understanding the enforcement and statutory penalties in Chapter 6.95, Article I

Hazardous Materials Business Plan Intermediate

Core Knowledge and Skills

- I-1: Understanding of the exemptions under Health and Safety Code and Title 19
- I-2: Understanding of the definitions of hazardous materials and hazardous substances and possesses the ability to make the decision that the chemical is reportable in the HMBP
- I-3: Understanding of how mixtures and solutions are to be reported
- I-4: Understanding of the requirements for and the elements of the Area plan
- I-5: Understanding of how the Emergency Planning and Community Right-to-Know Act (EPCRA) as it relates to the Business Plan program
- I-6: Understanding and implementation of the graduated enforcement steps for HMBP violations (NOV, AEO, Civil action, etc.)

Hazardous Materials Business Plan Advanced

Core Knowledge and Skills

- A-1: Develop and implement the Area Plans

Underground Storage Tank Program Basic

Core Knowledge and Skills

- B-1: Understanding of General Provisions of the UST Law and Regulations.

B-2: Ability to note compliance or violations for purposes of reporting Significant Operational Compliance (SOC) during a basic UST inspection, and conduct appropriate follow up.

B-3: Familiarity with the components and layout of a typical UST system (e.g. gas station).

B-4: Understanding of the principles of tank, sump and line testing, and the process for reporting test results.

B-5: Familiarity with and ability to assist owners and/or operators with the completion of UST forms including, but not limited to, tank owner Board of Equalization numbers.

B-6: Understanding of new and existing tank design, construction and monitoring requirements.

B-7: Understanding of storage tank repair and upgrade requirements.

B-8: Basic understanding of the red tag enforcement provision.

B-9: Understanding of release recording and reporting requirements.

Underground Storage Tank Program Intermediate

Core Knowledge and Skills

I-1: Ability to handle basic competencies independently and conduct more complex inspections.

I-2: Ability to perform an inspection of an UST installation, repair, upgrade, and/or closure including directing the collection of soil samples.

I-3: Ability to inspect new tank systems installed on or after July 1, 2004.

I-4: Ability to determine which penalties apply in an UST enforcement action.

I-5: Ability to independently prepare enforcement actions for violations of the UST Program requirements including, but not limited to, the Red Tag enforcement process.

Underground Storage Program Advanced

Core Knowledge and Skills

A-1: Ability to provide OJT and guidance to others.

A-2: Review and approve plans for UST installation or modification of existing components

A-3: Ability to process a request for a site-specific variance from specified design or construction requirements.

A-4: Ability to independently follow-up on non-compliance of enforcement actions issued for violations of the UST Program requirements, including, but not limited to the Red Tag enforcement process.