



# COMPLYING WITH PSM / RMP / CalARP REGULATORY REQUIREMENTS FOR CALIFORNIA FACILITIES

**KATY GEISSERT CIVIC CENTER LIBRARY – TORRANCE, CALIFORNIA  
TUESDAY, JANUARY 23, 2018**

## **WORKSHOP AGENDA**

### **Speakers:**

- **Ryan Bray**, Technical Consultant, Risk Management Professionals
- **Betsy Brien**, Western Region External Relations, PBF Energy
- **Chief David Dumais**, Deputy Fire Chief, City of Torrance Fire Department
- **John Johnson**, Senior Engineering Associate I, Risk Management Professionals
- **Kay Lawrence**, Emergency Prevention and Preparedness Programs, EPA Region 9
- **Aleks Metulev**, Senior Engineer, Risk Management Professionals
- **Steve Maher, PE CSP**, Principal Engineer, Risk Management Professionals
- **Chief Martin Serna**, Fire Chief, City of Torrance Fire Department
- **Stephanie Smith, PE**, Senior Engineer I, Risk Management Professionals
- **Clyde Trombettas**, Statewide Manager, Cal/OSHA Process Safety Management Unit

### **Sessions:**

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|--------------------------|--|
| <b>8:00am - 8:30am</b>   | <b>ATTENDEE CHECK-IN &amp; COFFEE</b>  |
| <b>8:30am - 8:40am</b>   | <b>WELCOME &amp; OPENING REMARKS</b> <ul style="list-style-type: none"><li>• <i>Chief Martin Serna / Chief David Dumais</i></li><li>• <i>Steve Maher</i></li></ul>       |
| <b>8:40am - 8:55am</b>   | <b>PSM / RMP / CalARP CURRENT REGULATORY FRAMEWORK &amp; RECENT CHANGES</b> <ul style="list-style-type: none"><li>• <i>Steve Maher</i></li></ul>                         |
| <b>8:55am - 9:25am</b>   | <b>IMPLEMENTATION STRATEGIES FOR PSM / CalARP REGULATORY UPDATES</b> <ul style="list-style-type: none"><li>• <i>Steve Maher</i></li><li>• <i>Aleks Metulev</i></li></ul> |
| <b>9:25am - 09:50am</b>  | <b>Cal/OSHA 5189.1 IMPLEMENTATION REGULATORY OVERSIGHT STRATEGIES</b> <ul style="list-style-type: none"><li>• <i>Clyde Trombettas</i></li></ul>                          |
| <b>09:50am - 10:00am</b> | <b>BREAK</b>   |
| <b>10:00am - 10:25am</b> | <b>INDUSTRY FOCUS ON PROGRAM 4 IMPLEMENTATION STRATEGIES – DAMAGE MECHANISM REVIEWS</b> <ul style="list-style-type: none"><li>• <i>To-Be-Announced</i></li></ul>         |

10:25am - 10:55am	<b>INDUSTRY FOCUS ON PROGRAM 4 IMPLEMENTATION STRATEGIES – HIERACHY OF HAZARD CONTROL ANALYSIS AND REFINERY ALKYLATION UNIT TECHNOLOGIES</b> <ul style="list-style-type: none"> <li>• <i>To-Be-Announced</i></li> </ul>
10:55am - 11:05am	<b>BREAK</b>
11:05am - 11:20am	<b>SNAPSHOT OF COOPERATIVE OVERSIGHT OF THE TORRANCE REFINERY – Focus on Consent Decree Implementation in the 1990’s and Correlation to Current CalARP Program 4 Oversight</b> <ul style="list-style-type: none"> <li>• <i>Steve Maher</i></li> </ul>
11:20am - 11:45am	<b>CalARP Program 4 Regulatory Oversight – Current TFD Program</b> <ul style="list-style-type: none"> <li>• <i>Chief David Dumais</i></li> <li>• <i>Consultant – To-Be-Announced</i></li> </ul>
11:45am - 12:05pm	<b>OVERVIEW OF REFINERY SAFETY OUTREACH STRATEGIES</b> <ul style="list-style-type: none"> <li>• <i>Betsy Brien</i></li> </ul>
12:05pm - 12:50pm	<b>LUNCH</b>
12:50pm - 12:55pm	<b>AFTERNOON WELCOME &amp; REMARKS</b> <ul style="list-style-type: none"> <li>• <i>Chief David Dumais</i></li> <li>• <i>Steve Maher</i></li> </ul>
12:55pm - 1:25pm	<b>FINE-TUNING LOPA TO ADDRESS SPA REQUIREMENTS, SIL ASSIGNMENT, AND CORPORATE NEEDS</b> <ul style="list-style-type: none"> <li>• <i>To-Be-Announced</i></li> </ul>
1:25pm - 1:45pm	<b>MERITS OF EMERGENCY ACTION PLANS VS. EMERGENCY RESPONSE PLANS FOR AMMONIA REFRIGERATION FACILITIES</b> <ul style="list-style-type: none"> <li>• <i>Ryan Bray</i></li> </ul>
1:45pm - 2:15pm	<b>U.S. EPA TOPICS PERTINENT TO AMMONIA REFRIGERATION</b> <ul style="list-style-type: none"> <li>• <i>Kay Lawrence</i></li> </ul>
2:15pm - 2:25pm	<b>BREAK</b>
2:25pm - 2:40pm	<b>AMMONIA RELEASE INCIDENT VIDEO AND LESSONS LEARNED</b> <ul style="list-style-type: none"> <li>• <i>To-Be-Announced</i></li> </ul>
2:40pm - 3:20pm	<b>EFFECTIVE STRATEGIES FOR RAGAGEP APPLICATION – How IIAR Tackled the Challenge for the Ammonia Refrigeration Industry</b> <ul style="list-style-type: none"> <li>• <i>Stephanie Smith</i></li> </ul>
3:20pm - 3:45pm	<b>CLOSEOUT AND FINAL Q &amp; A</b> <ul style="list-style-type: none"> <li>• <i>Speakers, Visiting State and UPA Agency Representatives, Industry Representatives</i></li> </ul>