

Update on CARB's Risk Management Activities

Enforcement, Engineering & Toxics
Symposium

November 7-8, 2017



Risk Management Actions

- CARB ATCM amendments in progress
 - At-Berth (September 2018)
 - Chrome Plating (2019)
 - Formaldehyde in Composite Wood Products (2019)
 - Portable Diesel Engines (November 2017)
 - Transportation Refrigeration Units (tentative - July 2019)
- Industrywide Guidelines – collaborative process
 - Gas stations (CARB Lead)
 - Emergency standby engines (CAPCOA Lead)

Chrome Plating ATCM

- Working with districts on chrome plating inventory and evaluating other processes conducted at chrome plating facilities
- Evaluating hexavalent chrome and other metals such as nickel
- Chrome plating facility survey and site visits (2018)
- Potential source testing and ambient monitoring for hexavalent chrome and other metals (2018)
- Coordinating with SCAQMD on proposed amended Rule 1469
- Participating in weekly governmental agency calls on hexavalent chrome issues in City of Paramount

Gas Station Industrywide Risk Assessment Guidelines

- Joint CARB/CAPCOA update
- Working Group Participants-CARB plus five districts
- New OEHHA methodology, health factors, air dispersion model, meteorology, speciation, emission factors
- Introduction of Enhanced Vapor Recovery (EVR) and On Board Refueling Vapor Recovery (ORVR)

Gas Station Industrywide Risk Assessment Guidelines

- CARB/CAPCOA Working Group - Summer 2017
- Modeling Protocol - Fall 2017
- Initial modeling - Winter/Spring 2018
 - Pending CARB emission factor discussions with CAPCOA Vapor Recovery subcommittee
 - Pending meteorology
- Workshops/Outreach - Spring/Summer 2018
- Guidelines completed - Summer/Fall 2018

ARB Staff Contacts

At-Berth ATCM

Nicole Light (916) 445-6012

Nicole.Light@arb.ca.gov

Chrome Plating ATCM

Michelle Komlenic (916) 322-3926

Michelle.Komlenic@arb.ca.gov

Composite Wood Products ATCM

Lynn Baker (916) 324-6997

Lynn.Baker@arb.ca.gov

Portable Diesel Engines ATCM

Jimmy Aguila (916) 229-0976

jmaguila@arb.ca.gov

Transportation Refrigeration Units ATCM

Rod Hill (916) 327-5636

rhill@arb.ca.gov



ARB Staff Contacts (cont'd)

Program Websites

Gas Stations Industrywide Risk Assessment Guidelines

Carolyn Craig (916) 445-5516

Carolyn.Craig@arb.ca.gov

Risk Management Actions Website:

<http://www.arb.ca.gov/toxics/rma/rma.htm>

HARP Website:

<http://www.arb.ca.gov/toxics/harp/harp.htm>

OEHHA Risk Assessment Methodology:

http://oehha.ca.gov/air/hot_spots/hotspots2015.html