



# Advanced Environmental Controls Consulting and Engineering Services, Inc.

SERVING THE INDUSTRY & ENVIRONMENT

## Environmental *focus*

### Latest Regulatory News

#### Amended SCAQMD Regulation XX RECLAIM NOx Allocation Reductions

SCAQMD has adopted amendments to Regulation XX which will reduce NOx emissions from RECLAIM facilities. On December 4, 2015 the SCAQMD Governing Board approved a 13 ton NOx RECLAIM Trading Credit (RTC) reduction by 2023.

- RTCs will be reduced beginning in 2016. Incremental reduction in RTCs until 2022.
- Implementation of Best Available Retrofit Control Technology (BARCT) for existing equipment will be required to meet allocations.
- Opt-out of RECLAIM program for electrical generation facilities already meeting BACT or BARCT.
- Potential elimination of RTCs from facility allocation when equipment is shut-down. The Governing Board will review this measure in early 2016.

#### Storm Water Industrial General Permit 2015-2016 Storm Season

The 2015-2016 Storm Season is underway for the first year of the new Industrial General Permit (IGP). Facilities should have recertified under the new IGP, or have applied for a Notice of Intent (NOI).

- During Qualified Storm Events (QSEs) collect two (2) storm water samples from July – December; and collect two (2) storm water samples from January – June.
- Report results within 30 days of laboratory analysis via SMARTS and submit Annual Report via SMARTS by July 15, 2016.
- The Water Board is considering implementing a Tiered Fee based on exposed area.

#### New SCAQMD Rule 1420.2

#### Emission Standards for Lead from Metal Melting

SCAQMD adopted Rule 1420.2 on October 2, 2015 which requires metal melting facilities processing more than 100 tons of lead per year to meet lead emission limits for ambient air concentrations and point sources.

- Submit Ambient Air Monitoring Plan by March 1, 2016.
- Conduct ambient air sampling within 60 days of approval at a minimum of 3 locations.
- Submit monthly Ambient Air Monitoring reports 30 days after the end of the previous month.
- Meet average ambient air lead concentrations <0.15 ug/L.
- Minimum 99% baghouse control efficiency for point sources, demonstrated by annual source tests. Alternative compliance by demonstrating controlled lead emissions less than 0.00030 lb/hr.
- Reduction of fugitive lead emissions by implementing minimum housekeeping, including: daily sweeping using vacuum sweeper, roof wet washings, and limiting facility traffic to 15 mph.

#### SCAQMD Annual Emissions Report 2015 Calendar Year

The Annual Emissions Report (AER) for SCAQMD is due March 1, 2016 for the 2015 Calendar Year. Last year, SCAQMD implemented a new reporting system which requires facilities to submit detailed emissions quantification for each process equipment individually.

- Facilities which submitted AERs in previous years, or have been notified by SCAQMD must submit reports.
- NOx, SOx, PM, and VOC emissions in excess of 4 tons per year and Toxic Air Contaminants (TAC) emissions are subject to fees.

#### SCAQMD Rules Most Recently Adopted, Amended, or Repealed

Rule 1156	- Further Reductions of PM from Cement Manufacturing Facilities (Amended 11-06-2015)
Rule 1148.1	- Oil and Gas Production Wells (Amended 09-04-2015)
Rule 1401	- New Source Review of Toxic Air Contaminants (Amended 06-05-2015)
Rule 1401.1	- Requirements for New and Relocated Facilities Near Schools (Amended 06-05-2015)
Rule 1402	- Control of Toxic Air Contaminants from Existing Sources (Amended 06-05-2015)
Rule 1420.2	- Emission Standards for Lead from Metal Melting Facilities (Adopted 10-4-2015)

### **CARB Refrigeration Management Program Registration and Annual Reporting**

Facilities whose largest high-GWP refrigerant capacity is between 50 and 200 pounds must register with the CARB Refrigerant Management Program (RMP) by March 1, 2016.

- Facilities whose largest high-GWP refrigerant capacity is greater than 200 should have already been registered with CARB. These facilities must submit an Annual Report by March 1, 2016 through the online reporting system.
- Annual Reporting includes amount of refrigerant charged, maintenance records, leak inspections, and leak response actions.

### **Montreal Protocol and EPA High-GWP Refrigerant Phase Out**

In accordance with the Montreal Protocol, the EPA is continuing the phase out schedule of HCFC refrigerant, including R-22.

- R-22 can only be produced and imported for refrigeration equipment installed before January 1, 2010.
- New production and importing of R-22 will be phased out by January 1, 2020.
- All other HCFCs, besides R-141b, R-142b, and R-22, can only be produced and imported for refrigeration equipment installed before January 1, 2020.
- No production or importing is allowed of any HCFC by 2030.
- Facilities may have to replace or retrofit existing equipment with lower-GWP refrigerants.

### **Coastal NOx RTCs for Sale**

40,000 – 50,000 pounds 2015 Cycle 1  
40,000 – 50,000 pounds 2015 Cycle 2

### **Coastal Air Credits for Sale**

2 pounds PM<sub>10</sub> ERC  
75 pounds VOC ERC

### **ASK THE EXPERTS**

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### **DTSC Hazardous Waste Biennial Report**

Large Quantity Generators (LQGs) of hazardous waste must complete the Biennial Report due to the DTSC by March 1, 2016. The report must be submitted as a hardcopy; no electronic submittals are accepted.

### **Fire Department Compliance Business Emergency Plan Updates**

Business Emergency Plans (BEP) and Hazardous Material Inventory Statements (HMIS) must be reviewed and revised annually to reflect current hazardous materials inventories. Updates are generally due by March 1, 2016 or April 1, 2016 depending upon Agency.

### **Orange County Sanitation District (OCSD) Revised Discharge Regulations**

The OCSD is proposing revisions for Class I Permit Wastewater Discharge Regulations which includes revisions to local limits, particularly the addition of more metals. The revisions will be open to public comment in early January 2016, with the anticipated adoption by the end of February 2016.

### **SCAQMD Proposed Rule Amendments**

- Rule 1146 - NOx Emissions from Boilers
- Rule 1147 - NOx Emissions from Miscellaneous Sources
- Rule 1161 - VOC Reductions from Mold Release Agents for Plastics, Fiberglass, and Composites (New)
- Rule 1407 - Emissions of Arsenic, Cadmium and Nickel from Non-Ferrous Melting Operations
- Rule 1430.1 - Emissions from Metal Forgers (New)

### **Upcoming Reporting Deadlines**

<b>DELIVERABLE</b>	<b>DUE DATE</b>
SCAQMD - NOx Monthly Report for RECLAIM facilities	15th of every month
SCAQMD - QCER for RECLAIM Facilities Cycle 2 facilities	January 30, 2016
SCAQMD - APEP for RECLAIM Cycle 1 Facilities	February 29, 2016
SCAQMD Annual Emissions Report	March 1, 2016
SCAQMD - Title V Annual Monitoring Report	February 28, 2016
LA County Sanitation District - Semi-Annual Self Monitoring Report	January 15, 2016
DTSC - Biennial Waste Report for LQGs	March 1, 2016
CUPA – Hazardous Materials Business Emergency Plan Updates	March 1, 2016 (Varies by Agency)

AEC welcomes comments, suggestions, or complaints about errors that warrant correction.

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