



Advanced Environmental Controls

Consulting and Engineering Services, Inc.

SERVING THE INDUSTRY & ENVIRONMENT

Environmental *focus*

Air Quality News

SCAQMD Rule 1147 NOx Reductions Deadline

July 1, 2014 Nitrogen Oxide (NOx) Limits to meet either 30 ppm or 60 ppm depending on type of equipment.

- This includes ovens, dryers, heaters, furnaces, heated pots, cookers, fryers, heated tanks and evaporators, oxidizers and absorption chillers.
- Equipment manufactured prior to 1999 is subject to emission limits effective July 1, 2014.
- A SCAQMD permit application must be submitted by December 1, 2013.

SCAQMD Rule 1146 Oxides of Nitrogen (NOx) from Large Boilers

Rule 1146 applies to boilers with a rated heat input capacity of 5.0 million BTUs per hour or greater.

Effective January 1, 2015:

- 100% of Group III Units (rated less than 20 mmbtu/hr down to and including 5 mmbtu/hr) facilities must comply with the 9 ppm NOx limit. Applications must be submitted on or before January 1, 2014 for January 1, 2015

SCAQMD Rule 1470 - Stationary Diesel-Fueled I.C. Engines

- All I.C. engines permitted after January 1, 2014 must meet Interim Tier 4 or Final Tier 4 requirements.
- Refer to Off-Road Compression - Ignition (Diesel) Engine Standards (NMHC+NOx/CO/PM) for emission limits. Emission limits vary based on maximum power of I.C. engine.
- Interim Tier 4 or Final Tier 4 requirements may require installation of a diesel particulate filter (DPF). A DPF must meet a PM reduction efficiency and must reduce emissions to meet SCAQMD requirements.

SCAQMD Rule 1113 Amended - Architectural Coatings

- New definitions have been added and definitions have been revised for clarification.
- VOC limits for less water and less exempt compounds have been revised (please refer to SCAQMD Rule 1113 if the limits for coatings used for architectural purposes within a facility have changed).

Storm Water Resource Control Board DRAFT General Industrial Permit Revisions

- The SWRCB revised and released a DRAFT permit dated July 19, 2013.
- The SWRCB may require each permitted facility to have minimum Best Management Practices (BMP's) outlined by the SWRCB.
- Sampling frequency may increase to four times per year. Two (2) for the first half of the reporting year (July - December) and two (2) for the second half of the reporting year (January - June).
- Training and certification for Storm Water Pollution Prevention Plan implementation and revision may be required.

Storm Water Season Started October 1, 2013:

- Facilities with a General Industrial Permit (GIP) are required to take two (2) storm water samples between October 1, 2013 and May 31, 2013.
- Samples must be taken during the first rain event of the season. The second sample must be taken three (3) consecutive work days preceding a storm event.

SCAQMD Rules Most Recently Adopted, Amended or Repealed

Rule 102	- Definition of Terms (Amended) 3/1/2013
Rule 219	- Equipment not Requiring a Written Permit (Amended) 5/3/2013
Rule 1107	- Coating of Metal Parts and Products (Proposed Amendment) Changes to 7/10/2012 Rule
Rule 1113	- Architectural Coatings (Amended) 9/6/2013
Rule 1309	- Emission Reduction Credits and Short Term Credits (Amended) 7/5/2013

Air Resource Board (ARB) Refrigerant Management Program

Registration and Reporting Requirements for Refrigeration Systems Using High-Global Warming Refrigerants

- Applies to refrigeration systems containing chlorofluorocarbons (CFCs), hydro chlorofluorocarbons (HCFCs) or hydrofluorocarbons (HFCs).
- Refrigeration systems with 2000 lbs. or more of high global warming refrigerants must register with ARB immediately and submit annual reports to ARB.
- Refrigeration systems between 200-1,999 lbs. of high global warming refrigerants, must be registered by 2014.
- Refrigeration systems between 50 and 200 lbs. of high global warming refrigerants, must be registered with ARB by 2016.

Fire Department Compliance

- Various jurisdictions opened online submittal portals on July 1, 2013 for most counties within California. The Hazardous Material Inventory Statement (HMIS), Business Emergency Plan and Contingency Plans must be submitted within a reasonable time.
- Various jurisdictions have enrolled with the California Environmental Reporting System (CERS) enabling documents to be submitted online.

ASK THE EXPERTS

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Coastal NOx RTCs for Sale

40,000 – 50,000 pounds 2014 Cycle 1
40,000 – 50,000 pounds 2014 Cycle 2

Coastal Air Credits for Sale

15 pounds PM₁₀ ERC
75 pounds VOC ERC

Increased Penalties for Air Contaminants - Senate Bill 691

- Senate Bill (SB) 691 was passed and increases penalties for air contaminants that cause "injury, detriment, nuisance, or annoyance" to the public from \$1,000 to \$10,000 for smaller facilities and \$10,000 to \$100,000 for larger facilities.
- SB 691 only applies to Title V sources.
- Odor nuisances do not apply.
- More than 100 people per incident exposed to a toxic air contaminant resulting from the air emissions.

Upcoming Reporting Deadlines

DELIVERABLE	DEADLINE
SCAQMD - NOx Monthly Report for RECLAIM facilities	15th of every month
SCAQMD - QCER for RECLAIM Facilities	January 30, 2014
SCAQMD - APEP for RECLAIM Cycle 1 Facilities	March 1, 2014
SCAQMD Annual Emissions Report	February 28, 2014 (approx. date)
SCAQMD - Title V Annual Monitoring Report	February 28, 2014
LA County Sanitation District - Semi-Annual Self Monitoring Report	January 15, 2014
Hazardous Waste Biennial Report	March 1, 2014

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

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