



# Advanced Environmental Controls Consulting and Engineering Services, Inc.

*SERVING INDUSTRY & THE ENVIRONMENT*

## Environmental *focus*

### *Air Quality News*

#### **SCAQMD Permit Moratorium Lifted**

- The air quality permit moratorium was lifted on January 1, 2010 pursuant to SB827.
- The SCAQMD has resumed issuing emission offsets at no charge to businesses that emit less than four tons per year of smog-forming emissions.
- Businesses that plan to expand, relocate or upgrade operations can now move forward with their plans.

#### **SCAQMD Establishes Permit Application Penalty Holiday**

- SCAQMD has established a temporary opportunity for local businesses to obtain permits for unpermitted equipment without incurring late fees or violation penalties.
- The Penalty Holiday started February 5, 2010 and will run through August 4, 2010.
- All facilities operating any piece of equipment without a permit are eligible to participate.
- Regular permit filing fees must still be paid.

#### **Implementation of SCAQMD Rule 1147**

- Combustion equipment not covered specifically in other district rules must meet more stringent NO<sub>x</sub> concentration limits.
- Covers: Afterburners, Thermal Oxidizers, Catalytic Oxidizers, Evaporators, Fryers, Heated Process Tanks, Furnaces, Ovens, Dryers, Heaters, Kilns, Tenter Frames, and many others.
- The unit must meet either 30 ppm or 60 ppm depending on the operating temperature.
- Units manufactured prior to 1986 are required to meet the new limits by July 1, 2010.

#### **Storm Water Sampling Must be Complete by April 30, 2010**

- Annual sampling for storm water contamination must be complete by April 30, 2010.
- Facilities subject to RWQCB regulations are required to collect at least 2 samples annually and report the results by July 1, 2010.
- The Regional Water Quality Control Boards have been

sending notices of non-compliance to facilities exceeding benchmark values.

#### **Mandatory GHG Reporting**

- In general, emitters of greater than 25,000 metric tonnes of CO<sub>2</sub> must report greenhouse gas emissions to CARB.
- If your facility has the capacity to generate more than 1 MW of electricity and emits at least 2,500 metric tonnes of CO<sub>2</sub>, you are also required to report.
- Depending on your industrial sector, reports are due either April 1, 2010 or June 1, 2010.
- CARB continues to develop regional CAP & TRADE regulations that must be adopted by January 1, 2011 and implemented in 2012.

#### **AEC has Coastal Air Credits for Sale:**

- 12 lbs PM<sub>10</sub> ERC
- 75 lbs VOC ERC

#### **Coastal RTCs for Sale:**

- 2009 Cycle 2: 40,000-50,000 lbs
- 2010 Cycle 1: 40,000-50,000 lbs

#### ***SCAQMD Rules Recently Adopted or Amended***

Rule 1111 - Reductions of NO<sub>x</sub> Emissions from Natural Gas-Fired, Fan-Type Central Furnaces (Amended)

Rule 1155 - Particulate Matter Control Devices (Adopted)

Rule 1145 - Plastic, Rubber, Leather, and Glass Coatings (Proposed - Final Environmental Assessment Completed)

Rule 1147 - NO<sub>x</sub> Reductions from Miscellaneous Sources (Implemented 1/1/2010)

Rule 1315 - New Source Review Tracking System (Proposed Amendments due to permit moratorium)

# California ARB Regulation for In-Use *Off-Road* Diesel Vehicles

- All Vehicles subject to this regulation must be labeled with an ARB issued equipment identification number (EIN) within 30 days of receiving the EIN.
- EIN labels are not provided by the ARB.
- Compliance for large fleets must be met during the 2010-2020 reporting years for NOx and PM.
- Medium fleets need to comply with the NOx and PM targets from 2013-2020, whereas small fleets need to comply with only the PM targets for the reporting years of 2015-2025.
- For large fleets, the annual report documenting compliance status is due by April 1, 2010 until 2021.
- Annual report for medium fleets is due by June 1st of every year from 2012-2021.
- Annual report for small fleets is due by August 1st of every year from 2014-2026.
- Extensive record keeping must be conducted during the reporting years. Records must be kept until the vehicle is retired or 2030, whichever is earlier.
- Early compliance actions are awarded with double retrofit credits by ARB.

# California ARB Regulation for In-Use *On-Road* Diesel Vehicles

- Affected vehicles include on-road heavy-duty diesel fueled vehicles with a gross vehicle weight rating (GVWR) of > 7 tons, yard trucks with off road certified engines, and diesel fueled shuttle vehicles.
- Any business that owns, operates, leases, or rents affected vehicles are subject.
- Vehicles or fleets must meet performance requirements between 2011 and 2023.
- By 1/1/2023, all vehicles must have a 2010 model year engine or equivalent.
- Comply by BACT schedule, BACT Percent Limit Schedule, or Fleet Average.
- Fleet owners do not need to declare compliance method and may switch from year to year.
- Vehicles that operate less than 1,000 miles and 100 hours per year in CA are exempt from vehicle clean-up requirements.
- If a fleet owner can document that a diesel retrofit is not available or cannot be safely installed, they may request a one year extension of the PM compliance deadline.

## ? *ASK THE EXPERTS*

**Please Contact Us (NEW LOCATION Effective March 1, 2010):**

Advanced Environmental Controls  
Consulting and Engineering Services, Inc.

20250 Acacia Street, Suite 210  
Newport Beach, CA 92660-2333

**Tel: (949) 756-3160**

**Fax: (949) 756-3166**

**Toll Free: 1-800-546-1604**

Email: [aecno1@aol.com](mailto:aecno1@aol.com)

[www.advancedenvironmentalcontrols.com](http://www.advancedenvironmentalcontrols.com)

## **UPCOMING REPORTING DEADLINES**

<b>DELIVERABLE</b>	<b>DEADLINE</b>
SCAQMD - NOx Monthly Report for RECLAIM Facilities	15th of every month
SCAQMD - Quarterly Certification of Emissions Report for RECLAIM Facilities	April 30, 2010
CARB - Mandatory GHG Reporting	April 1, 2010; or June 1, 2010
RWQCB - Storm Water Annual Report	July 1, 2010
EPA - Toxic Release Inventory (Form R)	July 1, 2010
SCAQMD - Rule 1147 Implementation	July 1, 2010
LA County Sanitation District - Industrial Wastewater Surcharge Report	August 15, 2010

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

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Advanced Environmental Controls, Inc. 20250 Acacia Street, Suite 210, Newport Beach, CA 92660