

Compliance NEWS

A Publication of the Placer County Air Pollution Control District



OCTOBER 2005

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Know Your Portable Equipment Permitting and Registration Requirements

Do you operate a portable engine and/or portable equipment that emits air pollution?

Portable engines include, but are not limited to, internal combustion engines used in the following:

- cranes
- power generation
- pumps
- diesel pile-driving hammers
- welding
- service or work-over rigs
- well drilling
- dredges on boats or barges
- wood chippers
- tactical support equipment
- compressors
- vacuum trucks

Portable equipment units include, but are not limited to, the following portable engine-associated units:

- confined and unconfined abrasive blasting operations
- concrete batch plants
- sand and gravel screening
- rock and pavement crushing and recycling
- tub grinders and trommel screens

IF YOU HAVE STATE REGISTERED PORTABLE EQUIPMENT

Remember, the state program requires:

- You must notify the PCAPCD within 2 days of coming to Placer County, if you intend to be here five days or more, unless you have designated Placer as your home district,
- You have a copy of the Certificate of Registration listing the equipment and your conditions with the equipment, and
- The equipment must be properly labeled with a program sticker.

Such equipment requires either a PCAPCD Permit or a California Air Resources Board's Statewide Portable Equipment Program (PERP) Registration to operate in Placer County. Any engine having a brake horsepower rating of 50 or more that does not provide motive power to a vehicle is required to have a permit

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MISSION STATEMENT

To manage the County's air quality in a manner to protect and promote public health by controlling and seeking reductions of air pollutants while recognizing and considering the economic and environmental impacts.

ACT NOW! DO NOT WAIT!

There is a brief window of opportunity to register portable engines that would otherwise not meet the registration emission standards. If you have a portable engine of 50 HP or more that does not provide motive power to wheels or tracks, and you can document that the engine was located in California from July 1, 2003 through July 1, 2004, the engine is eligible until December 31, 2005, to be registered as a "resident" engine. After December 31, 2005, to be registered the engine must be either a certified engine, or one that is retrofit with appropriate emission controls.

The window for registration of resident engines is only open until Dec. 31, 2005.

❖ State and Local Limitations on Engine Idling ❖

There are three regulations addressing engine idling.

❖ STATE LIMITS ON THE IDLING OF DIESEL-FUELED COMMERCIAL MOTOR VEHICLES.

The California Air Resources Board (ARB) has adopted restrictions on the idling of commercial motor vehicles with a gross vehicle weight of more than 10,000 pounds. While operating in California, the regulations, with specified exceptions, require the affected diesel-fueled vehicles do not idle for more than five consecutive minutes or a period of time equaling five minutes in any one hour. For more detailed information please visit the ARB website: <http://www.arb.ca.gov/toxics/idling/idling.htm>

❖ STATE LIMITS ON SCHOOL BUS IDLING AND VEHICLE IDLING AT SCHOOLS.

The California Air Resources Board (ARB) has adopted restrictions on the idling of school buses, transit buses, and commercial motor vehicles at and near schools with grades K-12 regardless of fuel type. At a school, school bus, transit bus, and commercial vehicle drivers are required to turn off the engine upon arriving and restart it no more than 30 seconds before departing. Transit bus and commercial vehicles within 100 feet of a school are prohibited from idling more than 5 minutes. In addition, school bus drivers are prohibited from idling more than 5 minutes at locations beyond schools. For more detailed

information please visit the ARB website: <http://www.arb.ca.gov/toxics/sbidling/sbidling.htm>

❖ LOCAL ORDINANCES LIMITING THE IDLING OF DIESEL-FUELED ENGINES.

Placer County adopted a Limitation on Engine Idling Ordinance (Placer County Code Section 10.14), with the cities of Auburn and Lincoln adopting similar ordinances. These ordinances apply to the operation of all diesel-fueled commercial vehicles over 26,000 pounds gross vehicle weight rating, all off-road diesel-powered equipment over 70 horsepower in rating, and transport refrigeration units (TRUs).

- A vehicle operator must turn off the engine upon stopping at a destination, and may not idle at any location for more than five consecutive minutes.
- The equipment operator of diesel-fueled off-road equipment with 70 HP or more may not idle more than five consecutive minutes.
- The equipment operator of a TRU must not operate within 1,000 feet of a residential area or a school unless the cargo will be unloaded within 30 minutes.

There are numerous exceptions. For more information Placer County's ordinance may be reviewed at the Placer County website at www.placer.ca.gov. Look under "County Government" for the Quick Link to the Placer County Codes.

PORTABLE EQUIPMENT PERMITTING (Continued from Page 1)

from the PCAPCD, or if the engine is portable it may instead have a PERP registration, issued by the California Air Resources Board (ARB). In addition to engines, any ancillary equipment that emits pollutants to the air exceeding 2 pounds per day should also be registered under PERP, otherwise a separate PCAPCD permit is required for operation in Placer County. PCAPCD recommends obtaining a PERP registration in lieu of a PCAPCD permit unless the portable equipment will remain in Placer County at a single location for 12 contiguous months or more.

The ARB's "Airborne Toxic Control Measure for Diesel Particulate Matter from Diesel Engines Rated at 50 Horsepower

and Greater" Final Regulation Order sets additional requirements and compliance dates for diesel-fueled engines. Please visit the California Air Resources Board's website <http://www.arb.ca.gov/diesel/portdiesel.htm> for information on both the Statewide Portable Equipment Registration Program and the portable engine airborne toxic control measure.

All portable equipment is not eligible for permitting or registration. Portable engines can meet PERP eligibility requirements three ways:

- Until December 31, 2005, a "resident" engine may be registered. A resident engine is one that was located in California from July 1, 2003 through July 1, 2004. Applicants must provide

documentation showing the engine meets the residency requirements.

- A "certified" engine may be registered. A certified engine is one, which has been tested by the U.S. EPA or the ARB and meets the federal off-road engine emission standards.
- A "controlled" engine may be registered. A controlled engine is one that meets the spark-ignition engine standards in Table 1 of the PERP regulation, an engine retrofitted with a Clean Cam technology kit, or an engine equipped with a selective catalytic reduction system.

After January 1, 2010, all portable diesel-fueled engines registered in the State program must be certified engines.

IF YOU RENT PORTABLE EQUIPMENT . . .

you should receive a copy of the registration certificate from the rental company and a certification label should be affixed to the equipment.

PERP PROGRAM INFORMATION

Information regarding the Statewide Portable Equipment Registration Program and Application Forms can be obtained by calling (916) 324-5869, via e-mail at portable@arb.ca.gov, or from the California Air Resources Board's website <http://www.arb.ca.gov/perp/perp.htm>.

FUGITIVE DUST CONTROL REQUIREMENTS

Fine particulate matter – dust – contributes to the development of respiratory diseases, with children and the elderly most affected. Construction activities are a common and prevalent source of dust emissions.

Examples of activities that may generate dust include:

- Earth excavating, earthmoving and grading operations, and travel on unpaved roads within construction sites,
- Wind-blown dust from graded areas that have not been stabilized,
- Uncovered or un-stabilized storage piles,
- Masonry/ concrete cutting and grinding operations,
- Brush chipping and grinding operations,
- Dry straw blowing for erosion control,
- Sandblasting operations,
- Cleaning operations using air blowers.

The Placer County Air Pollution Control District has adopted several rules to address dust pollution and its effects. A brief outline of each rule is outlined below:

Rule 228, Fugitive Dust: Rule 228 establishes the minimum standards to be met by activities generating fugitive dust. Among these standards are dust control and track out requirements for construction activities and a prohibition on the generation of dust plumes and dust that crosses over a property boundary.

Rule 205, Nuisance: No one shall discharge from any source air contaminants or other materials, which cause injury, detriment, nuisance, or annoyance, or that has a natural tendency to cause injury or damage to property or business. In other words, any activity producing air pollutants, which

DUST CONTROL IN AREAS HAVING NATURALLY-OCCURRING ASBESTOS

The California Air Resources Board's Asbestos Airborne Toxic Control Measure for Construction, Grading, Quarrying, and Surface Mining Operations applies to construction activities that are located within deposits of ultramafic rock, serpentine rock, and other geologic formations that may contain naturally-occurring asbestos. This regulation establishes requirements for construction and grading activities in these areas.

An Asbestos Dust Mitigation Plan approved by the PCAPCD may be required. The Final Regulation Order and other information on naturally-occurring asbestos may be accessed on the California Air Resources Board's website <http://www.arb.ca.gov/toxics/atcm/abs2atcm.htm>, at the PCAPCD's website at www.placer.ca.gov/apcd, or requested by contacting the PCAPCD Office.

the PCAPCD determines could cause injury or damage, is a violation.

Rule 202, Visible Emissions: A person shall not discharge any air contaminant, such as dust from construction activities that would obscure an observer's visibility.

Further information on these regulations and PCAPCD dust control requirements may be found at the PCAPCD's website at www.placer.ca.gov/apcd, or by contacting the PCAPCD Office.

CLEAN AIR GRANTS

The Placer County Air Pollution Control District seeks applications for Clean Air Grants to help fund projects that can demonstrate emission reductions from on-and off-road sources.

The application period is from January until March. The PCAPCD has approximately \$1.4 million dollars available for eligible projects, such as fleet vehicles and equipment modernization, to include engine retrofits, replacements and re-powers.

This program supports projects, which reduce nitrogen oxide and particulate matter emissions by providing incentive funds from both motor vehicle registration fees and off-site air pollution mitigation fees paid by

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❖ OPEN BURNING REQUIREMENTS ❖

In Placer County all open burning is regulated. Only dry vegetation, grown on the property, may be burned. With the exception of residential burning, all open outdoor burning requires a permit obtained from the PCAPCD.

State and PCAPCD burning requirements are:

- Vegetation cleared for commercial or residential development purposes cannot be burned without a PCAPCD permit. A site inspection may be performed. Wood waste larger than 12 inches in diameter, with the exception of stumps, shall not be burned. Stumps greater than 12 inches in diameter must be split at least once.
- No trash or rubbish may be burned.
- Vegetation must be dry and free of soil and dirt and burned only on the property where it was grown.

- Burning may only be conducted on a permissive burn day, with only the amount of vegetative material that may be burned completely in a single day should be ignited.
- No burning is allowed to dispose of vegetation for aesthetic purposes (e.g. cleanup of ornamental and landscape vegetation) by golf courses, mobile home parks, residential and commercial development common areas, commercial property landscaping, city and regional parks, cemeteries or churches.
- Burning that causes a smoke or odor nuisance to neighbors is prohibited.

For more information on open burning regulations please visit the PCAPCD's website at www.placer.ca.gov/apcd, or contact the PCAPCD Office. For information regarding whether it is a Burn Day call: (530) 889-6868 in the Auburn area, or 1-800-998-2876.

HOW TO CONTACT PLACER COUNTY AIR POLLUTION CONTROL DISTRICT

11464 "B" Ave. Auburn Ca. 95603
530-889-7130 • Fax (530) 889-7107

Contact: Todd Nishikawa, Manager,
Compliance and Enforcement

E-Mail: pcapcd@placer.ca.gov
Web Site: www.placer.ca.gov/apcd

**Burn Day
Information:** 530-889-6868 (Auburn Area)
1-800-998-2873 (Toll Free)

Compliance News is a publication of the Placer County Air Pollution Control District (PCAPCD). The purpose of this publication is to further educate and inform the public concerning some of the air quality regulations that exist and where information may be obtained. The PCAPCD is the local enforcement agency for air pollution regulations and laws throughout the county of Placer for stationary sources and portable equipment. Failure to comply with these regulations may result in civil or criminal penalties that include monetary fines and jail time, not to mention violations of emission standards contribute to poor air quality that is harmful to public health.

CLEAN AIR GRANTS (Continued from Page 3)

new development within Placer County.

All projects will be evaluated on a cost-effectiveness basis primarily with respect to reducing nitrogen oxide (NOx) emissions. All projects selected for funding must operate at least 75% of their time in the Sacramento region and be completed within 2 years of grant approval.

The grant application package will be provided on the web in January. More information is available the PCAPCD's website under Incentive / Grant Programs at www.placer.ca.gov/apcd or from **Mr. Yu-Shuo Chang** at 530-889-7121 or ychang@placer.ca.gov.



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