

This Advisory is provided to inform you about activities of the Air District that may affect your operation. It will help you achieve and maintain compliance with applicable air quality rules and regulations.

ATTENTION: AGRICULTURAL DIESEL ENGINE OWNERS AND OPERATORS

**SUBJECT: NEW REGISTRATION AND EMISSION STANDARDS FOR
AGRICULTURAL DIESEL ENGINES**

In order to reduce the public's exposure to diesel particulate matter, the California Air Resources Board has approved a number of regulatory measures affecting the vast majority of diesel engines operating in California. The Bay Area Air Quality Management District and other local air quality agencies are required to implement these regulations also known as Airborne Toxic Control Measures (ATCM). **The purpose of this advisory notice is to alert owners and operators of agricultural diesel engines to the ATCM's registration requirements and future emission standards.**

- **Registration of Existing and New Diesel Engines:** State regulations require that owners and operators of existing agricultural diesel engines rated at greater than **50 horsepower**, register their engines with the Air District by March 1, 2008. New engines need to be registered within 90 days of installation. Agricultural facilities are encouraged to register their diesel engines on-line at http://www.baaqmd.gov/ag_diesel. Currently, the Air District has not adopted a fee schedule for the registration of agricultural diesel engines. The Air District anticipates that these fees will be adopted and made effective for initial registrations, and the annual renewal of registrations, on or after July 1, 2008. Until such time as a fee schedule is adopted, registration fees will not be required.
- **Emission Standards and Compliance Schedule:** Following registration, the ATCM requires the replacement or retrofit of older diesel engines with cleaner burning models over a period of 3 to 12 years. The compliance date is dependent upon the size of the engine and the year it was manufactured (see Table 1 below). Details regarding the diesel engine emission standards and future compliance dates can be found on the Air District's web site at http://www.baaqmd.gov/ag_diesel.
- **Exempt Agricultural Diesel Engines:** Specific diesel-fueled engines that are exempt from the ATCM include:
 - Engines rated less than or equal to 50 hp
 - Engines used to propel vehicles or equipment (tractors, harvesters, trucks etc.)
 - Agricultural wind machines

Engines used in emergency standby generator sets that are equipped with nonresettable hour meters are exempt from the emission standards and compliance dates set forth in the ATCM; however, they still need to be registered with the Air District.

Table 1 - Engine Tier Designation and Compliance Schedule

Engine Power (hp)	Manufacture Year	Tier ¹	Compliance Date (On or after December 31)
50 ≥ hp < 75	1998 ² - 2003	Tier 1	2015 or 12 years after the date of initial installation, whichever is later
	2004 - 2007	Tier 2	
	2008 - 2011	Tier 3	
75 ≥ hp < 100	1998 ² - 2003	Tier 1	2015 or 12 years after the date of initial installation, whichever is later
	2004 - 2007	Tier 2	
	2008 - 2011	Tier 3	
100 ≥ hp < 175	1997 ² - 2002	Tier 1	2015 or 12 years after the date of initial installation, whichever is later
	2003 - 2006	Tier 2	
	2007 - 2011	Tier 3	
175 ≥ hp < 300	1996 ² - 2002	Tier 1	2014 or 12 years after the date of initial installation, whichever is later
	2003 - 2005	Tier 2	
	2006 - 2010	Tier 3	
300 ≥ hp < 600	1996 ² - 2000	Tier 1	2014 or 12 years after the date of initial installation, whichever is later
	2001 - 2005	Tier 2	
	2006 - 2010	Tier 3	
600 ≥ hp ≤ 750	1996 ² - 2001	Tier 1	2014 or 12 years after the date of initial installation, whichever is later
	2002 - 2005	Tier 2	
	2006 - 2010	Tier 3	
hp > 750	2000 ² - 2005	Tier 1	2014 or 12 years after the date of initial installation, whichever is later
	2006 - 2010	Tier 2	

Example: If an off-road diesel-fueled 60 hp engine was manufactured in 1998, it should be a Tier 1 engine and is required to meet emission standards by December 31, 2015 or 12 years after initial installation, whichever is later.

Note 1: Tier refers to the off-road engine exhaust emission standards found in Title 13 Section 2423 California Code of Regulations.

Note 2: If your engine was manufactured before this date it is considered non-certified ("Tier 0"). The earliest Tier 0 engine compliance date is December 31, 2010.

More Information can be obtained from the following sources:

-  For questions about this Advisory, contact Joe Slamovich, at jslamovich@baaqmd.gov or (415) 749-4681.
-  If you do not have Internet access you may obtain an Engine Registration form by calling the Air District's Engineering Division at (415) 749-4990.
-  For the California Air Resources Board go to <http://www.arb.ca.gov/diesel/ag/ag.htm>
-  For the Bay Area Air Quality Management District go to <http://www.baaqmd.gov>