

**RULE 441 Registration Requirements for Stationary Compression Ignition (CI) Engines
Used in Agricultural Operations**

(Adopted April 26, 2007 Proposed for amendment May 28, 2009 Continued until June 25, 2009)

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RULE 441

- 1 **PURPOSE:** The purpose of this Rule is to establish procedures for the issuance of Certificate(s) of Registration by the Air Pollution Control Officer (APCO) of the Butte County Air Quality Management District (DISTRICT) for registration of stationary compression ignition (CI) engines utilized in Agricultural Operations within the DISTRICT.
- 2 **APPLICABILITY:** This Rule applies to all stationary CI engines rated at greater than 50 brake horsepower (bhp) that are used in Agricultural Operations within the District, except agricultural wind machines.
- 3 **EFFECTIVE DATE:** This Rule ~~shall become~~ became effective ~~on the date that the Airborne Toxic Control Measure for Stationary Compression Ignition Engines with amendments to include in-use engines used in agricultural operations, adopted on November 16, 2006 by the California Air Resources Board, becomes effective~~ October 18, 2007.
- 4 **DEFINITIONS:** For the purpose of interpretation, the terms of this Rule can be assumed to be the same as those in Rule 1001-Airborne Toxic Control Measure for Stationary Compression Ignition Engines Used in Agricultural Operations of these Rules and Regulations. In addition, the following definition shall apply:
 - 4.1 **Certificate of Registration:** A certificate issued by the APCO acknowledging expected compliance with the applicable requirements of this Rule at the time the certificate is issued.
 - 4.2 **Tracking Registration:** A type of Certificate of Registration issued by the APCO to an in-use or new agricultural engine that is exempt from the diesel particulate matter emission standards of Rule 1001, qualifies as remotely-located at the time of registration, or has complied with the emissions standards of Rule 1001.
- 5 **APPLICATION DEADLINES**
 - 5.1 **In-Use Engines:** The owner or operator of any in-use stationary CI engine used in agricultural operations shall submit an application for a Certificate of Registration to the DISTRICT no later than March 1, 2008 for each engine subject to the registration requirements. Each application shall contain the information specified in Section 6 of this Rule.
 - 5.2 **New CI Engines:** The owner or operator of any new stationary CI engine used in agricultural operations installed after the effective date of this Rule and before January 1, 2008 shall submit an application(s) for a Certificate(s) of

Registration to the DISTRICT no later March 1, 2008. The owner or operator of any new stationary CI engine used in agricultural operations installed on or after January 1, 2008 shall submit an application for a Certificate(s) of Registration no later than ninety (90) days after the date of initial installation for each engine subject to the registration requirements. Each application shall contain the information specified in Section 6.

6 REGISTRATION PROCESS

6.1 Submittal Information: Except for agricultural wind machines, the owner or operator shall submit the following applicable information for each diesel-fueled CI engine rated at greater than fifty (50) bhp used in agricultural operations:

- 6.1.1 Date of registration application submittal;
- 6.1.2 Name, title (as applicable), and signature of person submitting the registration application;
- 6.1.3 Name, mailing address and telephone number of the engine owner and of the operator, if the owner is not also the operator;
- 6.1.4 Date of installation or anticipated installation;
- 6.1.5 Year of manufacture, or approximate age if unable to determine year of manufacture;
- 6.1.6 Make, model and Serial Number;
- 6.1.7 Maximum rated brake horsepower;
- 6.1.8 Certification status with respect to Off-Road CI Engine Certification Standards (Title 13, California Code of Regulations, Section 2413) if available;
- 6.1.9 Estimated annual average operating hours;
- 6.1.10 Each fuel used and estimated annual average gallons of each fuel used, if alternative diesel fuels are used;
- 6.1.11 Location description that clearly identifies the location of the engine, which includes at least one of the following: latitude and longitude; universal trans meridian (UTM) coordinates; global positioning satellite data (GPS); address, town and nearest cross streets and distance and direction from the cross streets to the engine; parcel or plot number/designation; or other complete description that clearly identifies the location of the engine;
- 6.1.12 For an engine located within one-quarter mile of (1,320 feet) of a receptor location, including but not limited to, a residence, school, or hospital:
 - 6.1.12.1 Distance (in meters or feet) from engine to a receptor location;
 - 6.1.12.2 Direction from engine to a receptor location;
 - 6.1.12.3 Location of engine and receptor location that clearly

identifies each location, including at least one of the following for each: latitude and longitude; universal trans meridian (UTM) coordinates; global positioning satellite data (GPS); address, town and nearest cross streets and distance and direction from the cross streets to the engine and receptor location; or other complete description that clearly identifies the locations.

6.1.13 Any additional information required by the DISTRICT in order to determine whether an engine qualifies for an exemption from the particulate matter emission standards as specified in Rule 1001 of these Rules and Regulations.

6.1.14 If the stationary agricultural engine is a low-use or emergency standby engine, a statement declaring the exemption category and the hours meter reading at the time of registration or by September 1, 2009 for engines currently holding a Certificate of Registration.

6.2 Certificate Schedule: The APCO or his appointed representative shall issue a Certificate of Registration, deny the application for registration, or deem the application incomplete according to the following schedule:

6.2.1 Within ninety (90) days of the receipt of an application, for applications received prior to March 1, 2008; and

6.2.2 Within thirty (30) days of the receipt of an application, for applications received after March 1, 2008.

6.3 On-site Inspections: The DISTRICT may conduct an on-site inspection of the engine to verify compliance with DISTRICT Regulations and State law. The registrant shall pay fees for the inspection pursuant to Rule 501-Technical Evaluation Fee of these Rules and Regulations

6.4 Certificate Renewal: Certificates of Registration ~~and Tracking Registrations~~ shall be valid for a period of two (2) years from the date issued and shall be renewable upon payment of all applicable fees, submittal of information requested, and verification that the engine is in compliance with all DISTRICT requirements.

6.5 Notification Requirements: The owner or operator of a registered CI engine shall notify the DISTRICT in writing no later than 14 days after any change of owner or operator, change in location, installation or commencement of an emissions control strategy, or replacement with an electric motor or non-CI engine.

6.6 Certificate Update and Reissuance:

6.6.1 Upon notification pursuant to Section 6.5 of an installation or commencement of an emissions control strategy or replacement with an engine meeting the diesel PM standards of DISTRICT Rule 1001, the APCO will update the certificate to include the emissions control

strategy and/or new engine information and reissue the certificate as a Tracking Registration.

6.6.2 For engines that currently have a Tracking Registration and lose exempt status, the certificate will be reissued as a Certificate of Registration and subject to fee schedule in Rule 513.