(Adopted December 7, 1995)
(Amended date)

RULE 2100. REGISTRATION OF PORTABLE EQUIPMENT

(a) Purpose

This rule allows for a statewide registration of certain portable equipment until July 1, 1998 and shall not be effective after that date.

(b) Applicability

Nothing in this rule shall be construed as requiring registration for an emissions unit which otherwise is exempt from AQMD permit requirements (AQMD Rule 219 - Equipment Not Requiring a Written Permit Pursuant to Regulation II). Except for those emissions units registered with the state pursuant to California Code of Regulations Sections 2450 - 2465, pPortable emissions units used in conjunction with the following equipment source categories~~, except as specified in paragraph (b)(3),~~ shall be eligible for registration under the provisions of this rule until July 1, 1998:

(1) Confined abrasive blasting
(2) Portland concrete batch plants
(3) Spark ignition, or diesel-fueled piston type internal combustion engines used in conjunction with the following types of operations:
  (A) Well drilling, service, or workover rigs;
  (B) Power generation (excluding cogeneration);
  (C) Pumps;
  (D) Compressors;
  (E) Pile drivers;
  (F) Welding;
  (G) Cranes; and
  (H) Wood chippers.

~~Spark Ignition, or Diesel-fueled piston type internal combustion engines shall not be eligible for registration under the provisions of this rule after August 1, 1997, or 30 calendar days from the date the state registration program pursuant to Health and Safety Code Sections 41750 through 41755 takes effect, whichever comes sooner.~~

(4) Sand and gravel screening, rock crushing, and unheated pavement crushing and recycling operations
(5) Unconfined abrasive blasting

(c) Definitions

For the purpose of this rule, the following definitions apply:

(1) ADMINISTERING DISTRICT is a district that adopts equivalent provisions[1] to those contained in subdivisions (c), (d), (e), (f), (g), (h), (i), (j), and (k) of this rule for one or more of the equipment categories listed in subdivision (b) of this rule, and the participating district at which the owner or operator of a portable emissions unit files an application for registration. A district can be an administering district only for the equipment categories for which it has adopted the requirements contained in this rule.
(2) AQMD means South Coast Air Quality Management District.
(3) DISTRICT is an air pollution control district or air quality management district duly organized under the applicable provisions of California Health and Safety Code.
(4) DUST-TIGHT means free from visible airborne dust.
(5) EMISSIONS UNIT is an identifiable process, operation, or piece of process equipment such as an article, machine, or other contrivance, which emits or may emit, or results in the emissions of any air contaminant directly or as fugitive emissions. For the purpose of this rule, each internal combustion engine constitutes a separate emissions unit.
(6) EXEMPT COMPOUNDS are defined in AQMD Rule 102 -- Definition of Terms.
(7) FACILITY means any one or more contiguous or adjacent properties. Contiguous or adjacent properties are properties with two or more parcels of land in actual physical contact, separated solely by a public roadway or other public right-of-way under the same or common ownership or control.
(8) FUGITIVE DUST means any solid particulate matter that becomes airborne, other than that emitted from an exhaust stack, directly or indirectly as a result of the activities of man.
(9) LOCATION means any single site at a building, structure, facility, or installation. For the purpose of this definition, a site is a space occupied or to be occupied by an emissions unit. For emissions units which are brought to a

facility to perform maintenance on equipment at its permanent or ordinary location, each maintenance site shall be a separate location.

(10) NONROAD ENGINE is a portable engine that requires a permit and is certified by the Executive Officer to be a nonroad engine as defined by U. S. EPA pursuant to 40 CFR Part 89.

(11) PARTICIPATING DISTRICT is any district that, through rulemaking, agrees to give effect and enforce registrations issued by an administering district. A participating district may choose to recognize registrations for one or more of the equipment categories listed in subdivision (b).

(12) PORTABLE EMISSIONS UNIT is any emissions unit that, by itself or in or on a piece of equipment, is designed to be and capable of being carried or moved from one location to another. Indications of portability include, but are not limited to, wheels, skids, carrying handles, dolly, trailer, platform or mounting. The owner or operator must demonstrate the necessity of the unit being periodically moved from one location to another because of the nature of the operation.

An emissions unit is not portable if:

(A) the emissions unit or its replacement remains or will reside at the same location for more than 12 consecutive months. Any emissions unit, such as a back-up or stand-by unit, that replaces an emissions unit at a location and is intended to perform the same function as the unit being replaced, will be included in calculating the consecutive time period. In that case, the cumulative time of both emissions units, including the time between the removal of the original unit and installation of the replacement unit, would be counted toward the consecutive time period; or

(B) the emissions unit remains or will reside at a location for less than 12 consecutive months where such a period represents the full length of normal annual source operations such as a seasonal source; or

(C) the emissions unit is removed from one location for a period and then it or its equivalent is returned to the same location in an attempt to circumvent the portable emissions unit residence time requirements.

The period during which the emissions unit is maintained at a storage facility shall be excluded from the residency time determination.

(13) PROJECT means one or more registered portable emissions unit(s) operated at a facility under the same or common ownership or control, and used to perform a single activity.

(14) VOLATILE ORGANIC COMPOUND (VOC) is any volatile compound of carbon, excluding methane, carbon monoxide, carbon dioxide, carbonic acid, metallic carbides or carbonates, ammonium carbonate and exempt compounds.

(d) Registration Process:

(1) The owner or operator of a portable emissions unit may elect to register the unit pursuant to the provisions of this rule or permit it pursuant to AQMD Regulation II - Permits.

(2) Upon registration in accordance with the provisions of this subdivision the following existing AQMD rule provisions will no longer apply to the portable emissions unit: Regulation II - Permits (with the exception of Rules 206, 207, 209, 214, 216, and 217), Regulation IV - Prohibitions, Regulation XI - Source Specific Standards (with the exception of Rule 1110.2 on or after December 31, 1999), Regulation XIII - New Source Review, and Regulation XIV - Toxics and Other Non-Criteria Pollutants. This rule shall supersede the requirements of Rule 209 - Transfer and Voiding of Permits and Rule 1110.2 - Emissions from Gaseous- and Liquid-Fueled Internal Combustion Engines, where this rule and those rules are found to be in conflict.

(3) Upon approval of the registration pursuant to this rule or an equivalent rule by any participating district, the existing permit for the registered portable emissions unit granted by the AQMD will expire.

(4) If the owner or operator of a portable emissions unit elects to apply for registration of the emissions unit, the owner or operator shall apply for registration at any time after December 7, 1995.

(5) If the owner or operator of a portable emissions unit elects to apply for registration of the emissions unit, the owner or operator shall apply for registration at the participating district in which the portable emissions unit is located at the time the application for registration is filed. If the equipment is located outside the state of California, or in a non-participating district, the owner or operator shall register at the participating district where the equipment will first be operated after registration.

(6) The applicant shall submit, along with the application, the following:

(A) all necessary engineering data, emissions test data, or manufacturer's guarantee to demonstrate compliance with the requirements as specified in subdivision (e) of this rule; and

(B) for engines, documentation from the engine manufacturer specifying the engine manufacture date, or a copy of the Permit to Operate that was granted by any district in California prior to July 18, 1994.

(7) No registration may be issued until the Executive Officer has conducted an onsite inspection of the emissions unit, or has determined that the emissions unit is in compliance with the requirements of this rule through survey of records.

(8) The Executive Officer shall issue registration, deny registration, or deem the application incomplete, if the emissions unit is made available for inspection upon request or its compliance can be determined through a survey of records, according to the following schedule:

(A) Within 90 days of receipt of an application for registration received within 6 months after December 7, 1995; and

(B) Within 30 days of receipt of an application for registration received after 6 months after December 7, 1995

(9) The applicant may deem an application for registration denied, and appeal such denial to the District Hearing Board pursuant to AQMD Rule 216 - Appeals, if the Executive Officer has failed to either approve or deny the application for registration within the time period specified in paragraph (d)(8).

(10) No later than 10 days after issuance of a registration, the Executive Officer shall forward to all participating districts a copy of the registration and, upon request by any participating district, a copy of the application for registration.

(11) The owner or operator of a registered emission unit may operate the unit within the boundaries of any participating district if the unit is operated in compliance with all applicable requirements in that district's equivalent rule.

(12) The Executive Officer shall renew the registration for a portable emission unit registered in the AQMD on an annual basis provided that the registration is valid according to applicable AQMD rules. Pursuant to Health and Safety Code Section 42333, renewal may be denied for non-compliance with the following:

(A) state laws or regulations;

(B) this rule and registration conditions when operated in the AQMD;

(C) an equivalent rule at a participating district when operated in that district.

(13) For portable emissions unit not registered in the AQMD, the Executive Officer shall provide a written report to the administering district describing the nature and outcome of any violation of the applicable requirements and any Hearing Board action concerning the registered equipment when operated in the AQMD.

(14) For a registered portable emissions unit where the AQMD is the administering district, the Executive Officer shall distribute written reports provided by a participating district to all other participating districts and notify all participating districts of any changes in the status of registration for the emissions unit.

(15) For the purpose of this rule, AQMD Rule 206 - Posting of Permit to Operate, Rule 207 - Altering or Falsifying of Permit, Rule 209 - Transfer and Voiding of Permits, Rule 214 - Denial of Permits, Rule 216 - Appeals, Rule 217 - Provision for Sampling and Testing Facilities, Regulation V - Procedure Before the Hearing Board, and Regulation VIII - Orders for Abatement shall be applicable to registrations in the same manner as to permits.

(16) Registration for an emissions unit ~~Spark Ignition, or Diesel fueled piston type internal combustion engines~~ issued by the AQMD shall expire on July 1, 1998~~August 1, 1997~~, or upon approval of the emissions unit state registration pursuant to California Code of Regulations Sections 2450 - 2465~~30 calendar days from the date the state registration program pursuant to Health and Safety Code Sections 41750 through 41755 takes effect~~, whichever comes sooner.

(e) Requirements:

The owner or operator of a registered portable emissions unit shall not operate the unit unless it is operated in compliance with the following applicable requirements:

(1) Confined abrasive blasting operations:

(A) No air contaminant which is as dark as or darker than Ringelmann 1 or equivalent 20% opacity shall be discharged into the atmosphere for a period or periods aggregating more than 3 minutes in any one hour.

(B) The particulate matter emissions shall be controlled using a fabric or cartridge filter dust collector.

(C) The dust collection equipment shall have a minimum particulate matter control efficiency of 99%.

(D) Except for vent filters, each fabric or cartridge filter dust collector shall be equipped with an operational pressure differential gauge to measure the pressure drop across the filter bags or cartridges.

(2) Concrete Batch Plants

(A) No air contaminant which is as dark as or darker than Ringelmann 1 or equivalent 20% opacity shall be discharged into the atmosphere for a period or periods aggregating more than 3 minutes in any one hour.

(B) Unless there are no visible emissions from the transfer points, all dry material transfer points shall be ducted through a fabric or cartridge filter dust collector.

(C) All cement storage silos shall be equipped with fabric or cartridge type vent filters which shall be maintained in proper operating condition.

(D) Open areas shall be maintained adequately wet to prevent fugitive dust from remaining visible in the atmosphere beyond the property line of the emission source.

(E) Silo service hatches shall be dust-tight.

(F) The dust collection equipment shall have a minimum particulate matter control efficiency of 99%.

(G) Except for vent filters, each fabric or cartridge filter dust collector shall be equipped with an operational pressure differential gauge to measure the pressure drop across the filter bags or cartridges.

(3) Diesel-fueled piston type internal combustion engines:

(A) For engines other than nonroad engines:

(i) Engines greater than 50 HP but less than 117 HP shall not exceed Nitrogen Oxides (NOx) emissions of 10.5 grams per horsepower-hour or be installed with a turbocharger and timing retarded by a minimum of 4 degrees from the manufacturer's standard timing.

(ii) Engines greater than or equal to 117 HP but less than 400 HP shall not exceed NOx emissions of 10 grams per horsepower-hour or be installed with turbocharger with aftercooler and timing retarded by a minimum of 4 degrees from the manufacturer's standard timing.

(iii) Engines greater than or equal to 400 HP shall not exceed NOx emissions of 7 grams per horsepower-hour or be installed with turbocharger with aftercooler and timing retarded by a

minimum of 4 degrees from the manufacturer's standard timing.

(iv) The sulfur content of the diesel fuel shall not exceed 0.05% by weight.

(v) Particulate matter emissions concentration shall not exceed 0.1 grain per dry standard cubic foot.

(vi) Except for visible emissions from pile drivers, no air contaminant which is as dark as or darker than Ringelmann 1 or equivalent 20% opacity shall be discharged into the atmosphere for a period or periods aggregating more than 3 minutes in any one hour. Pile drivers shall comply with the applicable provisions of 41701.5 of the California Health and Safety Codes.

(vii) Emissions from the engine, by itself, shall not cause any exceedance of any ambient air quality standard.

(viii) Notwithstanding paragraph (d)(2), engines subject to AQMD Rule 1110.2 shall comply with the rule by the scheduled compliance date.

(ix) The engine shall have an operational non-resettable totalizing time meter installed prior to operating.

(x) The requirements of clauses (e)(3)(A)(i), (ii), (iii), and (vii) shall not apply to engines permitted in the AQMD upon December 7, 1995 and:

(I) rated at 500 HP or less and operated in the AQMD prior to June 3, 1988; or

(II) rated greater than 500 HP and operated in the AQMD prior to October 8, 1976.

(B) For nonroad engines:

(i) The sulfur content of the diesel fuel shall not exceed 0.05% by weight.

(ii) The engine shall have an operational non-resettable totalizing time meter installed prior to operating.

For an engine registered under a participating district's equivalent rule, the Executive Officer will not authorize the use of the engine in the AQMD that does not meet the above AQMD requirements.

(4) Sand and gravel screening, rock crushing, and pavement crushing and recycling operations:

(A) No air contaminant which is as dark as or darker than Ringelmann 1 or equivalent 20% opacity shall be discharged into the atmosphere for a period or periods aggregating more than 3 minutes in any one hour.

(B) There shall be no visible fugitive dust beyond the property line of the emission source.

(C) All transfer points shall be ducted through a fabric or cartridge type filter dust collector, or shall be equipped with wet suppression system maintaining a minimum moisture content of 4 percent by weight.

(D) Particulate matter emissions from each crusher shall be ducted through a fabric dust collector, or a wet suppression system which maintains a minimum moisture content of 4 percent by weight shall be used.

(E) All conveyors shall be covered, unless the material being transferred does not result in any visible particulate matter emissions.

(F) All stockpiled material shall be maintained at a minimum moisture content of 4 percent by weight, unless the stockpiled material does not result in any visible particulate matter emissions.

(G) Any source which processes in excess of 150 tons per hour shall comply with all the applicable provisions of Subpart OOO of Regulation IX - New Source Performance Standards.

(H) The dust collection equipment shall have a minimum particulate matter control efficiency of 99%.

(I) Except for vent filters, each fabric or cartridge filter dust collector shall be equipped with an operational pressure differential gauge to measure the pressure drop across the filter bags or cartridges.

(5) Unconfined abrasive blasting operations:

(A) No air contaminant which is as dark as or darker than Ringelmann 2 or equivalent 40% opacity shall be discharged into the atmosphere for a period or periods aggregating more than 3 minutes in any one hour.

(B) Only California Air Resources Board certified abrasive material shall be used.

(C) The abrasive material shall not be reused unless the abrasive conforms to its original cut-point for fineness.

(D) All applicable requirements of Title 17 of California Code of Regulations shall also apply.

(6) Spark ignition internal combustion engines:

(A) For engines other than nonroad engines:

(i) The NOx emissions shall not exceed 1.5 grams per brake horsepower-hour.

(ii) The VOC emissions shall not exceed 1.5 grams per brake horsepower-hour.

(iii) The CO emissions shall not exceed 2.0 grams per brake horsepower-hour.

(iv) Except for pile drivers, no air contaminant which is as dark as or darker than Ringelmann 1 or equivalent 20% opacity shall be discharged into the atmosphere for a period or periods aggregating more than 3 minutes in any one hour.

(v) Notwithstanding paragraph (d)(2), engines subject to AQMD Rule 1110.2 shall comply with the rule by the scheduled compliance date.

(vi) The engine shall have an operational non-resettable totalizing time meter installed prior to operating.

(vii) The requirements of clauses (e)(6)(A)(i), (ii), and (iii) shall not apply to engines permitted in the AQMD upon December 7, 1995 and:

(I) rated at 500 HP or less and operated in the AQMD prior to June 3, 1988; or

(II) rated greater than 500 HP and operated in the AQMD prior to October 8, 1976.

(B) For nonroad engines:

The engine shall have an operational non-resettable totalizing time meter installed prior to operating.

For an engine registered under a participating district's equivalent rule, the Executive Officer will not authorize the use of the engine in the AQMD that does not meet the above AQMD requirements.

(f) Notification Requirements

If an emissions unit, where the AQMD is not the administering district, remains in the AQMD for more than 24 hours, the operator shall notify the Executive Officer within 2 calendar days, from the first day of each visit that the unit is brought into the AQMD, of the following:

(1) The general nature of the operations.
(2) The estimated duration of operations within the AQMD.
(3) The name and phone number of the contact person with information concerning the facilities where the equipment will be operated within the AQMD.

(g) Reporting Requirements for Non-rental Equipment:
(1) For an emissions unit where the AQMD is not the administering district, within 30 days after the end of every calendar quarter it is operated in the AQMD, the operator of a registered portable emissions unit shall notify the Executive Officer of the level of activities within AQMD during the preceding calendar quarter. The notification shall include the following:
(A) The locations at which the equipment was operated, including the dates operated at each location.
(B) The type and quantity of materials processed by each emissions unit, or the daily hours of operation for each emissions unit in conjunction with hourly throughput rate.
(C) The type and quantity of fuels consumed by each emissions unit, or the daily hours of operation for each emissions unit in conjunction with hourly horsepower or BTU rating.
(2) For an emissions unit where the AQMD is the administering district, the operator of a registered portable emissions unit shall:
(A) maintain daily records of operation for the most recent 2-year period. Said records shall be made available to the Executive Officer upon request. The records shall include, but are not limited to, the provisions in subparagraphs (g)(1)(A), (g)(1)(B), and (g)(1)(C), and
(B) notify the participating district of the level of activities within that district during the preceding calendar quarter, if the equipment was operated in that district in the preceding calendar quarter. The notification shall include, but is not limited to, the provisions in subparagraphs (g)(1)(A), (g)(1)(B), and (g)(1)(C).

(h) Requirements for Rental Equipment:
(1) The operator of a rental registered portable emissions unit, where the AQMD is not the administering district, shall be responsible for compliance with the notification as required pursuant to paragraphs (f)(1), (f)(2), and (f)(3).

(2) The operator of a rental registered portable emissions unit shall furnish, at the end of each calendar quarter, the necessary records as required pursuant to subparagraphs (g)(1)(A), (g)(1)(B), and (g)(1)(C) of this rule, to the owner of the equipment.
(3) The owner of a rental registered portable emissions unit shall provide the operator with written copy of applicable requirements of this rule, including the notification and recordkeeping requirements, as part of the equipment rental agreement. The owner shall maintain written acknowledgment by the operator of receiving the above information for the most recent 2-year period from date of execution.
(4) The owner of a rental registered portable emissions unit shall compile the records provided by the equipment operators and:
(A) for an emissions unit where the AQMD is not the administering district, submit the above information to the Executive Officer, within 30 days after the end of every calendar quarter, if the equipment was operated in the AQMD in the preceding calendar quarter.
(B) for an emissions unit where the AQMD is the administering district:
(i) maintain the records provided by the equipment operators for the most recent 2-year period. Said records shall be made available to the Executive Officer upon request. The records shall include, but are not limited to, the following:
(I) The name and phone number of the operator.
(II) The locations at which the equipment was operated, including the dates operated.
(III) The type and quantity of materials processed by each emissions unit, or the daily hours of operation for each emissions unit in conjunction with hourly throughput rate.
(ii) notify the participating district of the level of activities within that district during the preceding calendar quarter if the equipment was operated in that district in the preceding calendar quarter. The notification shall include the provisions in subclauses (h)(4)(B)(i)(I), (i)(II), and (i)(III).

(i) Testing Requirements

Testing to verify compliance with the applicable requirements shall be conducted at the expense of the registered owner or operator at the request of the Executive Officer and in accordance with the following methods:

(1)	Particulate Matter:	EPA Test Method 5
(2)	VOC:	EPA Test Method 25
(3)	NOx:	EPA Test Method 7E
(4)	Carbon Monoxide:	EPA Test Method 10
(5)	Gas Velocity and Flow Rate:	EPA Test Methods 1 and 2
(6)	Oxygen:	EPA Test Method 3A
(7)	Visible Emissions:	EPA Test Method 9

The Executive Officer shall accept prior test results from any test conducted within the last two years, provided that the operator proves to the satisfaction of the Executive Officer that the prior testing was conducted in accordance with appropriate methods, and the conditions under which the unit was tested represent the proposed operating conditions of the equipment.

(j) Prohibitions

(1) The emissions from a project, excluding emissions from nonroad engines and those engines specified in clauses (e)(3)(A)(x) and (e)(6)(A)(vii), shall not exceed the following limits:

NOx	100 pounds per day
VOC	100 pounds per day
Particulate Matter.....	150 pounds per day

(2) No air contaminant shall be released into the atmosphere in such quantities which cause injury, detriment, nuisance, or annoyance to any considerable number of persons or to the public, or which endanger the comfort, repose, health or safety of any such persons or the public, or which cause, or have a natural tendency to cause, injury or damage to business or property.

(3) The potential emissions from the unit when operated as a registered portable emissions unit, as verified by recordkeeping as prescribed by this rule, shall not be 10 tons per year or more of any pollutant when operated in the AQMD.

(k) Fees shall be as specified in subdivision (c) of AQMD Rule 301 - Permit Fees.