

Form E1

PERMITTED EMISSIONS FROM POWER GENERATING FACILITIES

Emissions Report
July 1, 2007 - December 31, 2007

- Read instructions on the back before completing form.
- Record each row on Form ES.

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_____ FACILITY NAME

FACILITY I.D. NUMBER

Report power plant, cogeneration, and resource recovery combustion emissions on this form.

Equipment Code (a)	Fuel Code (b)	Fuel Usage (c)	Organic Gases (d)	Nitrogen Oxides (e)	Sulfur Oxides (f)	Carbon Monoxide (g)	Particulate Matter (h)
1. TOTAL EMISSIONS (lbs)							
2. Divide Line 1 by 2000 then transfer to Form C, Line 5 (tons)							



Form E1 - Permitted Emissions from Power Generating Facilities

Note 1: Report combustion emissions from power plant, cogeneration, and resource recovery activities on this form.

Note 2: Form E1 serves solely as a combustion emissions form. For all facilities, including power generating facilities, total tank losses from Forms B6 and B7 must be transferred exclusively to the applicable Line on Form R1.

Note 3: Fuel combustion results in toxics emissions. These toxics emissions must be reported on Form TAC.

Facility Name and ID No.: Please fill in your facility name and facility ID number in the designated spaces, exactly as indicated on Form X (Signature Sheet) in your package.

Equipment (Eq.) Code: Fill in the appropriate equipment code from the tables below in column (a). **Please use a separate row for each fuel/equipment combination and emission factor.** Select equipment code based on the size of your equipment.

Eq. Code	Equipment Type
1a	Boiler <10 MMBTU/HR
1b	Boiler 10-100 MMBTU/HR
1c	Boiler >100 MMBTU/HR
9	Incinerator

Eq. Code	Portable Internal Combustion Engines (ICE)
10a	2 Stroke-Lean Burn
10b	2 Stroke-Lean Burn, with Catalyst
10c	4 Stroke-Lean Burn
10d	4 Stroke-Lean Burn, with Catalyst
10e	4 Stroke-Rich Burn
10f	4 Stroke-Rich Burn, with Catalyst

Eq. Code	Stationary Internal Combustion Engines (ICE)
11a	2 Stroke-Lean Burn
11b	2 Stroke-Lean Burn, with Catalyst
11c	4 Stroke-Lean Burn
11d	4 Stroke-Lean Burn, with Catalyst
11e	4 Stroke-Rich Burn
11f	4 Stroke-Rich Burn, with Catalyst

Eq. Code	Equipment Type
12	Turbines
14	Micro Turbine

Fuel Code: Fill in the fuel code from the tables below in column (b). If you have selected fuel code "999" (other fuel), please specify the fuel type in the designated space. If fuel usage is not measured separately (i.e., one common fuel meter for several equipment), then use the equipment sizes or ratings (i.e., BTU per hour or horse power, HP) to distribute fuel usage for each equipment type (see example for Form B1 and B2U in Appendix O of the General Instruction Book).

Fuel Code	Fuel Type
1	Natural Gas (mmscf)
2	LPG, Propane, Butane (1000 gals)
3	Diesel / Distillate Oil (1000 gals)
4	Gasoline (10 RVP) (1000 gals)
5	Landfill Gas (mmscf)
6	Digester Gas (mmscf)

Fuel Code	Fuel Type
7	Residual Fuel Oil (1000 gals)
8	Fuel Oil [0.05% S] (1000 gals)
9	Refinery Gas/Ref. Mixed Gas/Petroleum Process Gas (mmscf)
10	Jet Fuel (Jet-A and Jet-B) (1000 gals)
11	Compressed Natural Gas [CNG] (1000 gals)
12	Coal (tons)

Fuel Code	Fuel Type
13	Coke (tons)
14	Tire (tons)
15	Wood (tons)
16	Bio-Diesel (1000 gals)
17	Biomass Derived Gas (mmscf)
18	Methanol (1000 gals)

Fuel Code	Fuel Type
19	Kerosene (1000 gals)
20	Process Associated Gas (mmscf)
21	Municipal Solid Waste (tons)
22	Lignite (tons)
23	Bark (tons)
24	Spent Solvent (1000 gals)

Fuel Usage: In column (c) enter the fuel usage in millions of standard cubic feet (mmscf) or thousands of gallons for each type of fuel used during six-month transitional reporting period (7/1/07-12/31/07). Please use the appropriate units (e.g., **mmscf for gaseous fuels and 1000 gallons for liquid fuels**).

Emission Factors: Write the appropriate emission factors for each fuel/equipment combination in the small box in the upper right-hand corner of every cell. Please use correct units for each of the factors (i.e., the emission factor for gaseous fuels should be in lbs/mmscf; for liquid fuels in lbs/1000 gallons). Use emission factors which most accurately reflect emissions from your equipment. All emission factors must be supported with documentation which should be attached to the completed report. Preference for use of emission factors should be in the following order:

- Continuous emissions monitoring (CEMS) data (if applicable). You must submit CEMS summary data.
- Source tests pre-approved by AQMD (if applicable). You must submit a copy of the source test results and supporting data.
- Rule or permit emission factors or Best Available Control Technologies (BACT) emission levels (if applicable). You must submit a list of equipment by rule number and by permit number that comply with the rule or permit limit, or comply with the BACT levels.
- Other emission factors should only be used if any of the emission factors mentioned above are not available. For other emission factors, refer to EPA Document AP-42 (enclose references).

Emissions: Calculate emissions for each pollutant by multiplying the fuel usage by the emission factor for each pollutant using the appropriate units. Enter the calculated emissions in the corresponding cell for each criteria pollutant.

Total Emissions: Total the emissions for each pollutant and enter the total on Line 1. To convert the totals to tons, divide the totals in pounds by 2000, round to two (2) decimal places and enter the total (tons) on Line 2. Transfer the total (tons) to Form C, Line 5 in the respective columns.