

SAN DIEGO AIR POLLUTION CONTROL DISTRICT

SUPPLEMENTAL APPLICATION INFORMATION
FEE SCHEDULES
14 A, B, C

San Diego APCD Use Only
Appl. No.:
ID No.:

NON-MUNICIPAL INCINERATORS

1 **COMPANY NAME:** _____

2 **EQUIPMENT ADDRESS:** _____

3 **A. EQUIPMENT DESCRIPTION**

4 Mfr: _____ Model: _____ S/N: _____

5 Rated Throughput: _____ lbs/hr Proposed Throughput: _____ lbs/hr

6 Proposed Equipment Use: _____

7 _____

8 Charge Description: _____

9 _____

Internal Dimensions:	Primary Chamber	ft.	x	ft.	x	ft.
	Secondary Chamber	ft.	x	ft.	x	ft.
Operating Temperatures:	Primary Chamber	°F				
	Secondary Chamber	°F				

10 Type of Burner Fuel: _____

11 No. of Primary Burners: _____ Mfr.: _____

12 Model: _____

13 Rated Heat Input to Primary Chamber: _____ mm BTU/hr

14 No. of Secondary Burners: _____ Mfr.: _____

15 Model: _____

16 Rated Heat Input to Secondary Chamber: _____ mm BTU/hr

17 Loading Mechanism: Ram Feed Chute Hatch

18 Method of Ash/Residue Disposal: _____

19 _____

20 Operating Schedule: _____ hrs/day _____ days/week _____ weeks/year

21 **B. AIR CONTAMINANTS**

22 Describe how exhaust emissions are controlled: _____

23 _____

24 _____

25 Describe any in-stack emission control devices: _____
 26 _____
 27 _____

28 Exhaust Gas Composition:

29 Volumetric Flowrate: _____ Actual Ct. Ft./Min Temperature: _____ °F
 30 Carbon Dioxide Concentration: _____ % by Volume
 31 Particulate Grain Loading: _____ gr/dscf @ 12% CO₂
 32 Total Hydrocarbons: _____ ppmve 12% CO₂

33 Exhaust Fan Mfr: _____ Model: _____
 34 S/N: _____ Capacity: _____ Std. Cu. Ft./Min

35 Provide manufacturer's specifications and a drawing of the incinerator and emission control device showing
 36 sensor and burner locations, fan location, and exhaust stacks. Also provide a narrative of how the equipment is
 37 operated including maintenance and safety procedures.

38 **C. RULE 1200 TOXICS EVALUATION:**

39 **FACILITY SITE MAP** Please provide a map showing the geographic location of your facility. This helps
 40 by making it possible for the District to use a Geographic Information System to identify community residents
 41 and workers who may be impacted by emissions from your facility.

42 **PLOT PLAN** Please also provide a **facility plot plan or diagram** (need not be to scale as long as distances
 43 of key features from reference points are shown) showing the **location of emission point(s)** at the facility,
 44 property lines, and the **location and dimensions of buildings** (estimated height, width, and length) that are
 45 closer than 100 ft. from the emission point. This diagram helps by making it possible for the District to
 46 efficiently set-up the inputs for a health risk evaluation. Inaccurate information may adversely affect the
 47 outcome of the evaluation.

48 **EMISSION POINT DATA** Determine if your emission source(s) are ducted sources or if they are
 49 unducted/fugitive sources and provide the necessary data below. (**Examples** of commonly encountered
 50 emission points: **Ducted or Stack Emissions** - an exhaust pipe or stack, a roof ventilation duct; **Unducted**
 51 **Emissions** - anything not emitted through a duct, pipe, or stack, for instance, an open window or an outdoor
 52 area or volume.)

53 **1. Ducted or Stack Emissions** (For 1 or more emission points). Estimate values if you are unsure.

Parameter	Point #1	Point #2	Point #3	Point #4	Point #5	Point #6
Height of Exhaust above ground (ft)						
Stack Diameter (or length/width) (ft)						
Exhaust Gas Temperature* (°F)						
Exhaust Gas Flow (actual cfm or fps)						
Is Exhaust Vertical (Yes or No)						
Raincap? (None, Flapper Valve, Raincap)						
Distance to Property Line (+/- 10 ft)						

* Use "70 °F" or "Ambient" if unknown

54 **2. Unducted Emissions** (For 1 or more emission points). Estimate if you are unsure.

55 **Describe how unducted gases, vapors, and/or particles get into the outside air.** Provide a brief
56 description of the process or operation for each unducted emission point. If unducted emissions come out of
57 building openings such as doors or windows, estimate the **size of the opening** (example – 3 ft x 4 ft window).

58 If unducted emissions originate outside your buildings, estimate the **size of the emission zone** (example -
59 paint spraying 2' x 2' x 2' bread boxes).

60 _____
61 _____
62 _____
63 _____
64 _____
65 _____
66 _____
67 _____

68 **RECEPTOR DATA** A receptor is a residence or business whose occupants could be exposed to toxic
69 emissions from your facility. In order to estimate the risk to nearby receptors, please provide the distance from
70 the emission point to the nearest residence and to the nearest business.

71 Distance to nearest residence _____ ft

72 Distance to nearest business _____ ft

73 **Name of Preparer:** _____ **Title:** _____

74 **Phone No.:** (____) _____ **Date:** _____

NOTE TO APPLICANT:

Before acting on an application for Authority to Construct or Permit to Operate, the District may require further information, plans, or specifications. Forms with insufficient information may be returned to the applicant for completion, which will cause a delay in application processing and may increase processing fees. The applicant should correspond with equipment and material manufacturers to obtain the information requested on this supplemental form.