

**SAN DIEGO AIR POLLUTION CONTROL DISTRICT**

**SUPPLEMENTAL APPLICATION  
INFORMATION**

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**FEE SCHEDULE  
20 D, E, F, G, H**

**San Diego APCD Use Only**

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**Appl. No.:**

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**ID No.:**

**GAS TURBINE**

1 **COMPANY NAME:** \_\_\_\_\_

2 **ADDRESS:** \_\_\_\_\_

3 **A. EQUIPMENT AND PROCESS DESCRIPTION**

4 **ENGINE USE:** *(Check all that apply.)*

5 Power Generation: \_\_\_\_\_kw      Steam Generation: \_\_\_\_\_lbs/hr steam

6 Other (Specify capacity.): \_\_\_\_\_

7 **ENGINE SPECIFICATIONS:**

8 Manufacturer: \_\_\_\_\_ Model No.: \_\_\_\_\_ S/N: \_\_\_\_\_

9 HP Rating: \_\_\_\_\_ Fuel Consumption Rate: \_\_\_\_\_MM BTU/HR

10 1. Type of Liquid Fuel Used\*: \_\_\_\_\_ Fuel Rate(Specify Units): \_\_\_\_\_

11 Maximum %sulfur by wt. in fuel\*: \_\_\_\_\_ %

12 2. Type of Gaseous Fuel Used\*: \_\_\_\_\_ Fuel Rate: \_\_\_\_\_ cfh

13 Maximum Grains PM/100DSCF @ 12% O<sub>2</sub>: \_\_\_\_\_grains/100dscf

14 **B. EMISSION CONTROL EQUIPMENT** *(Check all that apply)*

15  Low NO<sub>x</sub> burner     Water injection     SCR w/ Ammonia injection     Anhydrous     Aqueous

16 Describe the control equipment to be installed and submit its technical data:

17 \_\_\_\_\_

18 \_\_\_\_\_

19 \_\_\_\_\_

20 \_\_\_\_\_

21 **C. EMISSION DATA**

22 Provide the manufacturer's specifications and emission factors (lbs/1,000 lbs of fuel) for oxides of nitrogen (NO<sub>x</sub>),  
23 Carbon monoxide (CO), Hydrocarbons (HC), and particulate matter (PM) for the engine at different power settings with  
24 corresponding engine exhaust flow rates and temperatures.

25 **D. EXHAUST STACK AND BLDG. DIMENSIONS** (if air quality modeling is required).

26 Stack location: \_\_\_\_\_ (i.e., roof top, wall, ground), direction:  vertical  horizontal

27 Stack dimensions: internal \_\_\_\_\_ ft. diameter, or \_\_\_\_\_ ft. wide x \_\_\_\_\_ ft. long

28 Stack dimensions: external \_\_\_\_\_ ft. diameter, or \_\_\_\_\_ ft. wide x \_\_\_\_\_ ft. long

(If other shape, then supply sketch of stack cross section)

29 Use an attached page to provide this information for each engine at each power setting.

30 Stack height: Above roof: \_\_\_\_\_ ft. Above ground level: \_\_\_\_\_ ft.

31 Site elevation above mean sea level (MSL) \_\_\_\_\_ ft.

32 Building dimensions: length \_\_\_\_\_ ft.; width \_\_\_\_\_ ft.; height \_\_\_\_\_ ft.

(Supply sketch w/position of exhaust stack)

33 Supply a plot plan showing the test cell/stand location with respect to nearby streets, property lines, and buildings.

34 **E. OTHER EMISSION PRODUCING EQUIPMENT AT THE SITE**

35 APCD permitted  Yes  No

36 Non permitted  Yes  No

37 **F. ADDITIONAL INFORMATION** \_\_\_\_\_

38 \_\_\_\_\_

39 \_\_\_\_\_

40 **G. OPERATING SCHEDULE:\*** Hours/day: \_\_\_\_\_ Days/yr: \_\_\_\_\_

\* Emission calculations will be performed using these values and permit conditions may result to comply with applicable rules.

41 **Name of Preparer:** \_\_\_\_\_ **Title:** \_\_\_\_\_

42 **Phone Number:** \_\_\_\_\_ **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.