

SAN DIEGO AIR POLLUTION CONTROL DISTRICT

SUPPLEMENTAL APPLICATION INFORMATION
FEE SCHEDULE
20 A, B, C

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

TURBINE TEST CELLS/TURBINE TEST STANDS

1 **COMPANY NAME:** _____

2 **ADDRESS:** _____

3 **A. EQUIPMENT AND PROCESS DESCRIPTION**

Use additional pages, if more than three (3) engine types are tested.

Engine Specifications:	Type 1	Type 2	Type 3
Manufacturer:			
Model No.:			
HP rating:			
Fuel type:			
% by wt. sulfur in liquid fuel:			
Grain/100 DSCF:			
Exhaust flow rate (ACFM):			
Exhaust temperature (°F):			
Power setting minutes):			
Max. fuel rate at power setting:			
Test duration at power setting (mins):			
No of Engines tested: per/hour:			
per/day:			
Per/year:			

4 **B. EMISSION CONTROL EQUIPMENT**

5 If emission control equipment is installed, describe the equipment and submit its technical data:

6 _____

7 _____

8 _____

9 **C. EMISSION DATA**

10 Provide the manufacturer's specifications and emission factors (lbs/1,000 lbs of fuel) for oxides of nitrogen (NOx),
11 Carbon monoxide (CO), Hydrocarbons (HC), and particulate matter (PM) for each engine at each power setting with
12 corresponding engine exhaust flow rates and temperatures.

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

14 Stack location: _____ (i.e., roof top, wall, ground), direction: vertical horizontal

15 Stack dimensions: internal _____ ft. diameter, or _____ ft. wide x _____ ft. long

16 Stack dimensions: external _____ ft. diameter, or _____ ft. wide x _____ ft. long

(If other shape, then supply sketch)

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

18 Stack height: Above roof: _____ ft. Above ground level: _____ ft.

19 Site elevation above mean sea level (MSL) _____ ft.

20 Building dimensions: length _____ ft.; width _____ ft.; height _____ ft.

(Supply sketch w/position of exhaust stack)

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

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

23 APCD permitted Yes No

24 Non permitted Yes No

25 **F. ADDITIONAL INFORMATION** _____

26 _____

27 _____

28 **Name of Preparer:** _____ **Title:** _____

29 **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.