



32 **B PROCESS DESCRIPTION**

33 Engine Drives:     Compressor \_\_\_\_\_ cfm                       Pump (direct drive) \_\_\_\_\_ gpm  
 34                       Generator \_\_\_\_\_ kw                               Other (specify) \_\_\_\_\_

35 Equipment is:     Stationary or  Portable

36                      If portable, check all that apply:

- 37                       The engine will not leave the facility/stationary source.  
 38                       The engine will operate at various locations/facilities.  
 39                       The engine will supplement or support an on-going activity of the stationary source.  
 40  Engine is used for peak shaving electrical supply or critical peak pricing operations.  
 41  Engine is used for cogeneration or combined heat and power (CHP)

42 Please describe how this engine will be used: \_\_\_\_\_  
 43 \_\_\_\_\_  
 44 \_\_\_\_\_  
 45 \_\_\_\_\_  
 46 \_\_\_\_\_  
 47 \_\_\_\_\_

48 **C. MAINTENANCE AND TESTING SCHEDULE**

	Hours/day	Hours/week	Hours/year
Average			
Maximum			
Initial commissioning*		Total hours:	

\* Attach a description of any initial commissioning activities that will require operation without emission controls or with emissions controls not fully functioning.

49 **D. EMISSIONS (@100% Load). Provide emission rates in either g/bhp-hr or ppmvd.\***

50

Pollutant	Grams per horsepower-hour (g/HP-HR)	Part per million by vol. (dry) (ppmvd) at 15% oxygen
Carbon Monoxides (CO)		
Nitrogen Oxides (NOx)		
Non-Methane Hydrocarbons (NMHC)		
Non-Methane Hydrocarbons + (NOx) (NMHC)+(NOx)		
Particulate Matter (PM)		

51 \*Attach manufacturer's specifications or source of exhaust emission data.

52 **E. RULE 1200 TOXICS EVALUATION:**

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

56 **PLOT PLAN** Attach a **facility plot plan or diagram** (need not be to scale as long as distances of key features from  
 57 reference points are shown) showing all of the following: the **location of emission point(s)** at the facility, property lines,  
 58 and the **location and dimensions of buildings** (estimated height, width, and length) that are closer than 100 ft. from the  
 59 emission point. Annotated aerial photographs are satisfactory. This diagram helps by making it possible for the District to  
 60 efficiently set-up the inputs for a health risk evaluation. Inaccurate information may adversely affect the outcome of the  
 61 evaluation.

62 **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 <sup>1</sup> (°F)						
Exhaust Gas Flow (actual cfm or fps)						
Is Exhaust Vertical? (Click here for help) <sup>2</sup>						
Raincap? (Click here for help) <sup>2</sup>						
Distance to Property Line (+/- 10 ft)						

1. Use “70 °F” or “Ambient” if unknown

2. Non-vertical exhaust configurations and fixed raincaps interfere with pollutant dispersion and may negatively impact HRA results.

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

66 Distance to nearest residence \_\_\_\_\_ ft

67 Distance to nearest business \_\_\_\_\_ ft

68 Distance to nearest school \_\_\_\_\_ ft

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

70 **Phone No.:** (\_\_\_\_) \_\_\_\_\_ **E-mail:** \_\_\_\_\_ **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 prior to submittal of this application.