



24 **E. MANUFACTURER'S EMISSION DATA** - Exhaust gas concentrations at rated maximum load:

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26 Oxides of Nitrogen (as NO<sub>2</sub>) \_\_\_\_\_ ppmv at \_\_\_\_\_% oxygen

27 Carbon Monoxide (CO) \_\_\_\_\_ ppmv at \_\_\_\_\_% oxygen

28 Hydrocarbons (HC as CH<sub>4</sub>) \_\_\_\_\_ ppmv at \_\_\_\_\_% oxygen

29 Particulates (PM) \_\_\_\_\_ grains/dscf at \_\_\_\_\_% CO<sub>2</sub>

30 Operating Values:

31 CO<sub>2</sub> \_\_\_\_\_% by volume

32 Oxygen O<sub>2</sub> \_\_\_\_\_% by volume

33 Exhaust flow rate \_\_\_\_\_ actual cu. ft./min. @ \_\_\_\_\_ °F

34 Provide manufacturer's specifications for the basic emission control equipment, and documentation of all emissions data.

35 **Additional information:** \_\_\_\_\_

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37 **F. RULE 1200 TOXICS EVALUATION:**

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

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

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

50 **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

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

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

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

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

68 Distance to nearest residence \_\_\_\_\_ ft

69 Distance to nearest business \_\_\_\_\_ ft

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

71 **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.