

**SAN DIEGO AIR POLLUTION CONTROL DISTRICT**

<b>SUPPLEMENTAL APPLICATION INFORMATION</b>
<b>FEE SCHEDULES</b>
<b>42A,B,C,D</b>

<b>San Diego APCD Use Only</b>
<b>Appl. No.:</b>
<b>ID No.:</b>

**ELECTRONIC COMPONENT MANUFACTURING**

- Attach a current Material Safety Data Sheet (MSDS) for each coating or solvent to be used in this operation. (If VOC content is not indicated on MSDS, please contact the manufacturer to obtain another supporting document.)
- Attach a sketch of the process equipment configuration and associated ventilation equipment including duct sizes and fans.
- Please type or print the information requested below.

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

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

3 **A. EQUIPMENT DESCRIPTION**

List equipment used in the process by completing the table below:

Equipment	Manufacturer	Model	Serial No.	Capacity (gals)	Process rate (gals/day)

4 **B. PROCESS DESCRIPTION**

5 **(1) Type of Operation:**     Screen Printing       Photo resist coating     Conformal coating

6                                     Solvent Application     Coating/Maskant Application

7                                     Other (specify): \_\_\_\_\_

8 **(2) Application Station:**    Spray Booth             Room                     Outdoors

9                                     Other (specify): \_\_\_\_\_

10 Application Station Manufacturer: \_\_\_\_\_ Model: \_\_\_\_\_

11 Dimensions of Application Station:    \_\_\_\_\_'L x \_\_\_\_\_'W x \_\_\_\_\_'H

12 Exhaust Fan Flow Rate: \_\_\_\_\_ cu ft/min

13 **(3) Drying Method and Equipment Description:**

14 Drying Method:     Air Dried     Oven Dried    Other (specify): \_\_\_\_\_

15 If other than air dried, provide dryer Manufacturer: \_\_\_\_\_ Model: \_\_\_\_\_

16 Dryer Dimensions    \_\_\_\_\_ 'L x \_\_\_\_\_ 'W x \_\_\_\_\_ 'H    Drying Temperature: \_\_\_\_\_ °F

17 Product Description and end use: \_\_\_\_\_

18 \_\_\_\_\_

19 Describe the manufacturing process: \_\_\_\_\_

20 \_\_\_\_\_

21 \_\_\_\_\_

22 \_\_\_\_\_

23 \_\_\_\_\_

24 **C. OPERATING SCHEDULE**

25        Maximum: \_\_\_\_\_ Hrs/Day;    \_\_\_\_\_ Days/Wk;    \_\_\_\_\_ Wks/Yr

26 **D. MATERIAL/USAGE INFORMATION**

Type of Coating/Solvent	Product Manufacturer	Product I.D. #	Max. Applied* (Gals/Day)	VOC (g/l) Content

27 Enter the maximum daily usage of coatings that can be applied in this operation: \_\_\_\_\_ (gals)

28 Enter the maximum daily usage of solvents that can be used in this operation: \_\_\_\_\_ (gals)

\* "Maximum Applied" means the amount of each material prepared for applications, minus the amount of material disposed of or reclaimed.

29 **E. EMISSION CONTROL DESCRIPTION:**

30 Describe how the process equipment is ventilated.

31 \_\_\_\_\_

32 \_\_\_\_\_

33 \_\_\_\_\_

34 Describe the emission control equipment.

35 \_\_\_\_\_

36 \_\_\_\_\_

37 \_\_\_\_\_

38 Estimated control efficiency: \_\_\_\_\_ Estimated capture efficiency: \_\_\_\_\_

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

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

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

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

52 **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

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

54 **Describe how unducted gases, vapors, and/or particles get into the outside air.** Provide a brief description of the  
55 process or operation for each unducted emission point. If unducted emissions come out of building openings such as  
56 doors or windows, estimate the **size of the opening** (example – 3 ft x 4 ft window). If unducted emissions originate  
57 outside your buildings, estimate the **size of the emission zone** (example - paint spraying 2' x 2' x 2' bread boxes).

58 \_\_\_\_\_  
59 \_\_\_\_\_  
60 \_\_\_\_\_  
61 \_\_\_\_\_  
62 \_\_\_\_\_  
63 \_\_\_\_\_  
64 \_\_\_\_\_  
65 \_\_\_\_\_

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

69 Distance to nearest residence \_\_\_\_\_ ft

70 Distance to nearest business \_\_\_\_\_ ft

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

72 **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.