

SAN DIEGO AIR POLLUTION CONTROL DISTRICT

SUPPLEMENTAL APPLICATION INFORMATION
FEE SCHEDULES
42A,B,C,D

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

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

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.