

SAN DIEGO AIR POLLUTION CONTROL DISTRICT

**SUPPLEMENTAL APPLICATION
INFORMATION**

FEE SCHEDULE

35

San Diego APCD Use Only

Appl. No.:

ID No.:

BULK FLOUR, POWDERED SUGAR AND DRY CHEMICAL STORAGE

- Include manufacturer's specifications and drawings for the process equipment showing material and exhaust flows, ducting, and any other equipment associated with the process.
- Provide drawings showing equipment location, ventilation ducting, fans, and any emission control equipment.
- Provide a Material Safety Data Sheet for each process material.
- Please type or print the information requested below.

1 **Company Name:** _____

2 **Equipment Address:** _____

3 **A. EQUIPMENT DESCRIPTION**

4 Process Material: Flour Powdered Sugar Dry Chemical Other (specify): _____

5 Specific Weight of Material: _____ lbs/cu.ft.

6 Type of Storage: Silo Warehouse Bins Other (specify): _____

7 Total Site Storage Capacity: _____ cubic yards

8 Method of Storage Loading: Pneumatic Screw Conveyor Belt Conveyor

9 Bucket Elevator Other (specify): _____

10 Storage Loading Rate: _____ tons/hr

11 Material Throughput: _____ tons/hr _____ tons/day _____ tons/yr

12 Operating Schedule: Average: _____ Hours/Day _____ Days/Wk _____ Wks/Yr

13 Maximum: _____ Hours/Day _____ Days/Wk _____ Wks/Yr

14 Describe the process in which the material is used: _____

15 _____

16 _____

17 _____

18 **B. EMISSION CONTROL EQUIPMENT**

19 Describe how materials are controlled from the loading of storage vessels: _____

20 _____

21 _____

22 Control Equipment Manufacturer: _____ Model: _____

23 Describe how materials are controlled from the loadout of material: _____

24 _____

25 _____

26 Control Equipment Manufacturer: _____ Model: _____

27 **C. RULE 1200 TOXICS EVALUATION:**

28 A Health Risk Assessment (HRA) is required only if Rule 1200 listed materials are processed, produced or otherwise used.

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

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

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

40 **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

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

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

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

47 _____
 48 _____
 49 _____
 50 _____
 51 _____
 52 _____
 53 _____

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

57 Distance to nearest residence _____ ft Distance to nearest business _____ ft

58 **Name of Preparer:** _____ **Title:** _____

59 **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.