

SAN DIEGO AIR POLLUTION CONTROL DISTRICT

SUPPLEMENTAL APPLICATION INFORMATION
FEE SCHEDULE
01C

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

BULK ABRASIVE STORAGE SYSTEM

- Attach a Material Safety Data Sheet (MSDS) for each abrasive to be stored.
- Provide a photograph or brochure of the equipment.
- Please type or print the information requested below.

1 A. EQUIPMENT DESCRIPTION

2 Hopper Manufacturer: Model: _____ S/N: _____
 3 Capacity: _____ tons Dimensions: L _____ ft. by W _____ ft. by H _____ ft.
 4 Dust Control System: Baghouse Filter Sock Other (specify) _____
 5 Mfr. _____ Model: _____ S/N: _____
 6 Air Flow Rate: _____ cubic ft/min. Filter Surface Area: _____ sq. ft.

7 B. PROCESS DESCRIPTION

8 Hopper Loading Method: pneumatic by gravity from bags
 9 From truck or tank by gravity Other Method: _____
 10 Is there a dust collector connected to the transfer point between the hopper and the blast machine below? Yes No
 11 Is this transfer to the abrasive blast machine through a sealed transfer system? Yes No
 Provide a brochure showing the efficiency of the filter system.

12 C. OPERATING SCHEDULE

13 Number of hours for each abrasive delivery: _____ (hours).

14 D. MATERIAL USAGE

15 Enter the (Average and maximum) weight per month of each type of abrasive material in the table below:

Abrasive Mfr.	Grit Name & Grit Size	Avg. Usage Tons/Mo	Max. Usage Tons/Mo	No. of Deliveries Per Mo	Abrasive Wt. Per Delivery

16 E. RULE 1200 TOXICS EVALUATION:

A Health Risk Assessment (HRA) is required only if materials containing chromium, nickel, lead, or copper are used or processed.

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

20 **PLOT PLAN** Please also provide a **facility plot plan or diagram** (need not be to scale as long as distances of key
 21 features from reference points are shown) showing the **location of emission point(s)** at the facility, property lines, and
 22 the **location and dimensions of buildings** (estimated height, width, and length) that are closer than 100 ft. from the

23 emission point. This diagram helps by making it possible for the District to efficiently set-up the inputs for a health risk
 24 evaluation. Inaccurate information may adversely affect the outcome of the evaluation.

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

29 **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

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

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

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

36 _____

37 _____

38 _____

39 _____

40 _____

41 _____

42 _____

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

46 Distance to nearest residence _____ ft Distance to nearest business _____ ft

47 **Name of Preparer:** _____ **Title:** _____

48 **Phone No.:** (____) _____ **Date:** _____

NOTICE 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.