San Joaquin Valley Unified Air Pollution Control District
Supplemental Application Form

Abrasive Blasting

This form must be accompanied by a completed Application for Authority to Construct and Permit to Operate form

PERMIT TO BE ISSUED TO:
LOCATION WHERE THE EQUIPMENT WILL BE OPERATED:

PROCESS DESCRIPTION

Abrasive Used	Manufacturer:
	Material Name:
	Material Type: ☐ Sand ☐ Grit ☐ Shot ☐ Other:
	Density (lb/ft^3):
	Flow Rate (lb/hr):
	Amount of Material used: _____ lb/day _____ lb/yr
Blasting Type	☐ Confined ☐ Unconfined If unconfined: ☐ Wet ☐ Dry ☐ Vacuum ☐ Hydroblasting
Blasted Item	Description:
	Dimensions (ft) Length: _____ Width: _____ Height: _____

EQUIPMENT DESCRIPTION

Blasting Unit	Manufacturer:		
	Model:		
	Capacity (lb):		
Nozzles	Number of Nozzles: _____ Maximum Inner Diameter : _____ in		
Compressor	Manufacturer:		
	Model:		
	☐ Electric ☐ Gasoline ☐ Diesel ☐ Natural Gas	Rating: _____ hp	Note: If engine is rated at greater than 50 hp an *IC Engine Supplemental Application* form is required.
	Air Flow Rate (cfm): _____ @ _____ psi		

EMISSIONS CONTROL EQUIPMENT

Control Device	☐ Baghouse ☐ Dust Collector ☐ Booth	
	The control device is: ☐ integral ☐ not integral	
	Abrasive blasting takes place: ☐ inside of a building ☐ outside of a building	
	Emission control equipment is located: ☐ inside of a building ☐ outside of a building	
Bag House or Dust Collector (if applicable)	Manufacturer:	
	Model:	Serial Number:
	Blower Power Rating: _____ (hp)	Air Flow Rate: _____ (dscfm)
	Number of Bags/Filters: _____	Total Cloth Area: _____ (ft^2)
Booth (if applicable)	Manufacturer:	
	Model:	Serial Number:
	Booth Filtration Method: ☐ Dry Filter ☐ Water-Wash ☐ Oil-Wash	
	Number of Filters: _____	Size of Each Filter: _____ in L _____ in W _____ in H
	Exhaust Fan Specifications: Diameter _____ in Motor Rating _____ hp	

HEALTH RISK ASSESSMENT DATA

Operating Hours	Maximum Operating Schedule: _____ hours per day, and _____ hours per year		
Receptor Data	Distance to nearest Residence	_____ feet	Distance is measured from the proposed stack location to the nearest boundary of the nearest apartment, house, dormitory, etc.
	Direction to nearest Residence	_____	Direction from the stack to the receptor, i.e. Northeast or South.
	Distance to nearest Business	_____ feet	Distance is measured from the proposed stack location to the nearest boundary of the nearest office building, factory, store, etc.
	Direction to nearest Business	_____	Direction from the stack to the receptor, i.e. North or Southwest.
Stack Parameters	Release Height	_____ feet above the ground	
	Stack Diameter	_____ inches, at point of release	
	Rain Cap	☐ Flapper-type ☐ Fixed-type ☐ None	
	Direction of Flow	☐ Vertically Upward ☐ Horizontal	
Exhaust Data	Flowrate: _____ acfm	Temperature: _____ °F	
Facility Location	☐ Urban (area of dense population) ☐ Rural (area of sparse population)		

FOR DISTRICT USE ONLY

Date:	**FID:**	**Project:**	**Public Notice: Y N**
Comments:			