



## **INSTRUCTIONS FOR BLASTING001**

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APCD Rule 23.B.6 exempts blast cleaning equipment using a suspension of abrasives in water. APCD Rule 23.D.6 exempts internal combustion engines having a maximum design power rating of less than 50 brake horsepower.

Therefore, abrasive blasting operations using compressed air as a propelling force are required to obtain an APCD Permit to Operate. In addition, compressor engines rated at 50 BHP or greater must be included on the permit.

You must supply the District with information for all abrasive blasting operations that require a permit. Form Blasting001, must be completed to supply the District with the required information. Please make as many copies of this form as you need in order to complete a separate form for each abrasive blasting system (i.e., blast pot, nozzles, compressor capacity, etc.) you want to put on permit. Fill out each form completely.

Most of the information requested is self-explanatory. Portable abrasive blasting operations that require an engine to provide power to operate a compressor, must submit appropriate engine data. For engines rated at 50 BHP or greater, complete form Engine102. The engine rating that the District uses to classify the engine is the maximum continuous horsepower rating designated by the engine manufacturer.

All Permits to Operate issued by the APCD include conditions that limit the operation of each piece of equipment on the permit. The conditions limit the operation of each piece of equipment over any twelve consecutive calendar months. The conditions are used to calculate the annual permitted emissions for each piece of equipment.

For an abrasive blasting operation, the condition will limit the tons per year of abrasives used. If this limit is set too low, your ability to use the abrasive blasting equipment will be limited. If this limit is set too high, your annual permit renewal fees, which are based in large part on permitted emissions, may be too high. On the form, you are required to indicate the annual amount of abrasives used and the type of abrasive used that you want as a limit on your permit.



**UNCONFINED ABRASIVE BLASTING OPERATIONS**

*Please make copies of this form so that you can complete a separate form for each abrasive blasting operation.. Attach manufacturer's literature, if available, to this form. Contact the District if you have any questions.*

***Abrasive Blasting Equipment Information***

Abrasive Blasting Pot Manufacturer	
Abrasive Blasting Pot Model	
Abrasive Blasting Pot Capacity	_____ Pounds
Number of Abrasive Blasting Nozzles	
Maximum Internal Diameter of Nozzles	_____ Inches

***Information on Abrasives***

Type of Abrasive (check all that apply)	<input type="checkbox"/> Aluminum Oxide <input type="checkbox"/> Glass Beads <input type="checkbox"/> Garnet <input type="checkbox"/> Crushed Glass <input type="checkbox"/> Steel Shot <input type="checkbox"/> Steel Grit <input type="checkbox"/> Crushed Nutshells <input type="checkbox"/> Cut Plastic <input type="checkbox"/> Other
Abrasive Manufacturer/Name	
Abrasive Density	_____ Pounds Per Cubic Foot
Requested Annual Abrasive Use	_____ Tons Per Year

***Information on Compressor***

Compressor Type (Check one)	<input type="checkbox"/> Electric <input type="checkbox"/> Internal Combustion Engine    Size _____ BHP If an internal combustion engine $\geq 50$ BHP is used, complete form Engine102.
Compressor Manufacturer	
Compressor Model	
Maximum Compressor Capacity	_____ CFM at _____ psig