



Albuquerque Environmental Health Department - Air Quality Division
11850 Sunset Gardens SW - Albuquerque, New Mexico 87121
(505) 768 - 1930 (Voice) (505) 768 - 2482 (TTY) (505) 768 - 1977 (Fax)



Application for Air Pollutant Sources in Bernalillo County
Source Registration (20.11.40 NMAC) and Authority-to-Construct Permits (20.11.41 NMAC)

NOTE: Information relating to process or production techniques unique to owner, or data relating to profits and costs not previously made public can be protected as confidential. Check confidentiality box at signature line (page 6) if requesting confidentiality for this application.

Clearly handwritten or type **Corporate Information** **Submittal Date:** ___/___/___

1. Company Name _____
2. Street Address _____ Zip _____
3. Company City _____ 4. Company State _____ 5. Company Phone _____ 6. Company Fax _____
7. Company Mailing Address: _____ Zip _____
8. Company Contact _____ 9. Phone _____
10. Title _____

Stationary Source (Facility) Information: [provide a plot plan (legal description/drawing of facility property) with overlay sketch of facility processes;location of emission points;pollutant type&distances to property boundaries]

1. Facility Name _____ 2. Street Address _____
3. City _____ 4. State _____ 5. Facility Phone () _____ 6. Facility Fax () _____
7. Facility Mailing Address (Local) _____ Zip _____
8. Latitude - Longitude or UTM Coordinates of Facility _____
9. Facility Contact _____ 10. Phone () _____ 11. Title _____

General Operation Information (if any further information request does not pertain to your facility, write N/A on the line or in the box)

1. Facility Type (description of your facility operations) _____
2. Standard Industrial Classification (SIC 4 digit #) _____
3. North American Industry Classification System (NAICS Code #) _____
4. Is facility currently operating in Bernalillo Cnty. _____ If yes, date of original construction ___/___/___
If no, planned startup is ___/___/___
5. Is facility permanent _____ If no, give dates for requested temporary operation - from ___/___/___ through ___/___/___
6. Is facility process equipment new _____ If no, give actual or estimated manufacture or installation dates in the Process Equipment Table
7. Is application for a modification, expansion, or reconstruction (altering process, or adding, or replacing process equipment, etc.) to an existing facility which will result in a change in emissions _____. If yes, give the manufacture date of modified, added, or replacement equipment in the Process Equipment Table modification date column, or the operation changes to existing process/equipment which cause an emission increase.

8. Is facility operation continuous, intermittent, batch circle one)
9. Estimated % of production Jan-Mar ____ Apr-Jun ____ Jul-Sep ____ Oct-Dec ____
10. Current or requested operating times of facility ____ hrs/day ____ days/wk ____ wks/mo ____ mos/yr
11. Business hrs _____ am _____ am
_____ pm to _____ pm
12. Will there be special or seasonal operating times other than shown above _____ If yes, explain _____
13. Raw materials processed _____
14. Saleable item(s) produced _____

PROCESS EQUIPMENT TABLE

(Generator-Crusher-Screen-Conveyor-Boiler-Mixer-Spray Guns-Saws-Sander-Oven-Dryer-Furnace-Incinerator, etc.) Match the Process Equipment Units listed on this Table to the same numbered line if also listed on Emissions & Stack Table (page 6).

Process Equipment Unit	Manufacturer	Model #	Serial #	Manufacture Date	Installation Date	Modification Date	Size or Process Rate (Hp;kW;Btu;ft ³ ;lbs; tons;yd ³ ;etc.)	Fuel Type
Example 1. Generator	Unigen	B-2500	A56732195C-222	7/96	7/97	N/A	250 Hp - HR. YR.	Diesel
Example 2. Spray Gun	HVLP Systems	Spra -N-Stay 1100	k26-56-95	01/97	11/97	N/A	0.25 gal. - HR. YR.	Electric Compressor
1.							HR. YR.	
2.							HR. YR.	
3.							HR. YR.	
4.							HR. YR.	
5.							HR. YR.	
6.							HR. YR.	
7.							HR. YR.	
8.							HR. YR.	
9.							HR. YR.	
10.							HR. YR.	
11.							HR. YR.	
12.							HR. YR.	
13.							HR. YR.	
14.							HR. YR.	
15.							HR. YR.	

1. Basis for Equipment Size or Process Rate (Manufacturers data, Field Observation/Test, etc.) _____
 Submit information for each unit as an attachment

NOTE: Copy this table if additional space is needed (begin numbering with 16., 17., etc.)

UNCONTROLLED EMISSIONS OF INDIVIDUAL AND COMBINED PROCESSES

(Process potential under physical/operational limitations during a 24 hr/day and 365 day/year = 8,760 hrs)

Process Equipment Unit*	Carbon Monoxide (CO)	Oxides of Nitrogen (NOx)	Nonmethane Hydrocarbons NMHC (VOCs)	Oxides of Sulfur (SOx)	Total Suspended Particulate Matter (TSP)	Method(s) used for Determination of Emissions (AP-42, Material balance, field tests, manufacturers data, etc.)
Example	1. 9.1 lbs/hr	27.7 lbs/hr	1.3 lbs/hr	0.5 lbs/hr	2.0 lbs/hr	AP-42
1. Generator	1a. 39.9 tons/yr	121.3 tons/yr	5.7 tons/yr	2.2 tons/yr	8.8 tons/yr	
1.	1. lbs/hr	lbs/hr	lbs/hr	lbs/hr	lbs/hr	
	1a. tons/yr	tons/yr	tons/yr	tons/yr	tons/yr	
2.	2. lbs/hr	lbs/hr	lbs/hr	lbs/hr	lbs/hr	
	2a. tons/yr	tons/yr	tons/yr	tons/yr	tons/yr	
3.	3. lbs/hr	lbs/hr	lbs/hr	lbs/hr	lbs/hr	
	3a. tons/yr	tons/yr	tons/yr	tons/yr	tons/yr	
4.	4. lbs/hr	lbs/hr	lbs/hr	lbs/hr	lbs/hr	
	4a. tons/yr	tons/yr	tons/yr	tons/yr	tons/yr	
5.	5. lbs/hr	lbs/hr	lbs/hr	lbs/hr	lbs/hr	
	5a. tons/yr	tons/yr	tons/yr	tons/yr	tons/yr	
6.	6. lbs/hr	lbs/hr	lbs/hr	lbs/hr	lbs/hr	
	6a. tons/yr	tons/yr	tons/yr	tons/yr	tons/yr	
7.	7. lbs/hr	lbs/hr	lbs/hr	lbs/hr	lbs/hr	
	7a. tons/yr	tons/yr	tons/yr	tons/yr	tons/yr	
8.	8. lbs/hr	lbs/hr	lbs/hr	lbs/hr	lbs/hr	
	8a. tons/yr	tons/yr	tons/yr	tons/yr	tons/yr	
9.	9. lbs/hr	lbs/hr	lbs/hr	lbs/hr	lbs/hr	
	9a. tons/yr	tons/yr	tons/yr	tons/yr	tons/yr	
10.	10. lbs/hr	lbs/hr	lbs/hr	lbs/hr	lbs/hr	
	10a. tons/yr	tons/yr	tons/yr	tons/yr	tons/yr	
Totals of Uncontrolled Emissions (1 - 10)	lbs/hr	lbs/hr	lbs/hr	lbs/hr	lbs/hr	
	tons/yr	tons/yr	tons/yr	tons/yr	tons/yr	

* If any one (1) of these process units, or combination of units, has an uncontrolled emission greater than (>) 10 lbs/hr or 25 tons/yr for any of the above pollutants (based on 8760 hrs of operation), then a permit will be required. Complete this application along with additional checklist information requested on accompanying instruction sheet. Copy this Table if additional space is needed (begin numbering with 11., 12., etc.)

* If all of these process units, individually and in combination, have an uncontrolled emission less than or equal to (≤) 10 lbs/hr or 25 tons/yr for all of the above pollutants (based on 8760 hrs of operation), but > 1 ton/yr for any of the above pollutants - then a source registration is required.

If your facility does not require a registration or permit, based on above emissions, complete the remainder of this application to determine if a registration or permit would be required for Toxic or Hazardous air pollutants used at your facility.

CONTROLLED EMISSIONS OF INDIVIDUAL AND COMBINED PROCESSES

(Based on current operations with emission controls OR requested operations with emission controls)

Process Equipment Units listed on this Table should match up to the same numbered line and Unit as listed on Uncontrolled Table (pg. 3)

Process Equipment Unit	Carbon Monoxide (CO)	Oxides of Nitrogen (NOx)	Nonmethane Hydrocarbons NMHC (VOCs)	Oxides of Sulfur (SOx)	Total Suspended Particulate Matter (TSP)	Control Method	% Efficiency
Example 1. Generator	1. 9.1 lbs/hr	27.7 lbs/hr	1.3 lbs/hr	0.5 lbs/hr	2.0 lbs/hr	Operating Hours	N/A
	1a. 18.2 tons/yr	55.4 tons/yr	2.6 tons/yr	1.0 tons/yr	4.0 tons/yr		
1.	1. lbs/hr	lbs/hr	lbs/hr	lbs/hr	lbs/hr		
	1a. tons/yr	tons/yr	tons/yr	tons/yr	tons/yr		
2.	2. lbs/hr	lbs/hr	lbs/hr	lbs/hr	lbs/hr		
	2a. tons/yr	tons/yr	tons/yr	tons/yr	tons/yr		
3.	3. lbs/hr	lbs/hr	lbs/hr	lbs/hr	lbs/hr		
	3a. tons/yr	tons/yr	tons/yr	tons/yr	tons/yr		
4.	4. lbs/hr	lbs/hr	lbs/hr	lbs/hr	lbs/hr		
	4a. tons/yr	tons/yr	tons/yr	tons/yr	tons/yr		
5.	5. lbs/hr	lbs/hr	lbs/hr	lbs/hr	lbs/hr		
	5a. tons/yr	tons/yr	tons/yr	tons/yr	tons/yr		
6.	6. lbs/hr	lbs/hr	lbs/hr	lbs/hr	lbs/hr		
	6a. tons/yr	tons/yr	tons/yr	tons/yr	tons/yr		
7.	7. lbs/hr	lbs/hr	lbs/hr	lbs/hr	lbs/hr		
	7a. tons/yr	tons/yr	tons/yr	tons/yr	tons/yr		
8.	8. lbs/hr	lbs/hr	lbs/hr	lbs/hr	lbs/hr		
	8a. tons/yr	tons/yr	tons/yr	tons/yr	tons/yr		
9.	9. lbs/hr	lbs/hr	lbs/hr	lbs/hr	lbs/hr		
	9a. tons/yr	tons/yr	tons/yr	tons/yr	tons/yr		
10.	10. lbs/hr	lbs/hr	lbs/hr	lbs/hr	lbs/hr		
	10a. tons/yr	tons/yr	tons/yr	tons/yr	tons/yr		
Totals of Controlled Emissions (1 - 10)	lbs/hr	lbs/hr	lbs/hr	lbs/hr	lbs/hr		
	tons/yr	tons/yr	tons/yr	tons/yr	tons/yr		

1. Basis for Control Equipment % Efficiency (Manufacturers data, Field Observation/Test, AP-42, etc.) _____

Submit information for each unit as an attachment

2. Explain and give estimated amounts of any Fugitive Emission associated with facility processes _____

NOTE: Copy this table if additional space is needed (begin numbering with 16., 17., etc.)

****TOXIC EMISSIONS**

VOLATILE, HAZARDOUS, & VOLATILE HAZARDOUS AIR POLLUTANT EMISSION TABLE

Product Categories (Coatings, Solvents, Thinners, etc.)	Volatile Organic Compound (VOC), Hazardous Air Pollutant (HAP), or Volatile Hazardous Air Pollutant (VHAP) Primary To The Representative As Purchased Product	Chemical Abstract Service Number (CAS) Of VOC, HAP, Or VHAP From Representative As Purchased Product	VOC, HAP, Or VHAP Concentration Of Representative As Purchased Product (pounds/gallon, or %)	1. How were Concentrations Determined (CPDS, MSDS, etc.)	Total Product Purchases For Category		Quantity Of Product Recovered & Disposed For Category		Total Product Usage For Category
					(-)	(=)	(-)	(=)	(=)
EXAMPLE 1. Surface Coatings	XYLENE	1330207	4.0 LBS./GAL	MSDS	lbs/yr	(-)	lbs/yr	(=)	lbs/yr
					100 gal/yr		- 0 - gal/yr		100 gal/yr
EXAMPLE 2. Cleaning Solvents	TOLUENE	108883	70%	PRODUCT LABEL	lbs/yr	(-)	lbs/yr	(=)	lbs/yr
					200 gal/yr		50 gal/yr		150 gal/yr
I.					lbs/yr	(-)	lbs/yr	(=)	lbs/yr
					gal/yr		gal/yr		gal/yr
II.					lbs/yr	(-)	lbs/yr	(=)	lbs/yr
					gal/yr		gal/yr		gal/yr
III.					lbs/yr	(-)	lbs/yr	(=)	lbs/yr
					gal/yr		gal/yr		gal/yr
IV.					lbs/yr	(-)	lbs/yr	(=)	lbs/yr
					gal/yr		gal/yr		gal/yr
V.					lbs/yr	(-)	lbs/yr	(=)	lbs/yr
					gal/yr		gal/yr		gal/yr
VI.					lbs/yr	(-)	lbs/yr	(=)	lbs/yr
					gal/yr		gal/yr		gal/yr
VII.					lbs/yr	(-)	lbs/yr	(=)	lbs/yr
					gal/yr		gal/yr		gal/yr
VIII.					lbs/yr	(-)	lbs/yr	(=)	lbs/yr
					gal/yr		gal/yr		gal/yr
IX.					lbs/yr	(-)	lbs/yr	(=)	lbs/yr
					gal/yr		gal/yr		gal/yr
X.					lbs/yr	(-)	lbs/yr	(=)	lbs/yr
					gal/yr		gal/yr		gal/yr
TOTAL >>>>>>>					lbs/yr	(-)	lbs/yr	(=)	lbs/yr
					gal/yr		gal/yr		gal/yr

1. Basis for percent (%) determinations (Certified Product Data Sheets, Material Safety Data Sheets, etc.). Submit, as an attachment, information on one (1) product from each Category listed above which best represents the average of all the products purchased in that Category. Copy this Table if additional space is needed (begin numbering with XI., XII., etc.)

****NOTE: A REGISTRATION IS REQUIRED, AT MINIMUM, FOR ANY AMOUNT OF HAP OR VHAP EMISSION.
A PERMIT MAY BE REQUIRED FOR THESE EMISSIONS, DETERMINED ON A CASE-BY-CASE EVALUATION.**

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MATERIAL AND FUEL STORAGE TABLE

(Tanks, barrels, silos, stockpiles, etc.) Copy this table if additional space is needed (begin numbering with 6., 7., etc.)

Storage Equipment	Product Stored	Capacity (bbls - tons gal - acres,etc)	Above or Below Ground	Construction (welded, riveted) & Color	Install Date	Loading Rate	Offloading Rate	True Vapor Pressure	Control Equipment	Seal Type	% Eff.
Example 1. Tank	diesel fuel	5,000 gal.	Below	welded/ brown	3/93	3000gal HR. YR.	500 gal. - HR. YR.	N/A Psia	N/A	N/A	N/A
Example 2. Barrels	Solvent	55 gal Drum	Above - in storage room	welded - green	N/A	N/A HR. YR.	N/A HR. YR.	N/A Psia	N/A	N/A	N/A
1.						HR. YR.	HR. YR.	Psia			
2.						HR. YR.	HR. YR.	Psia			
3.						HR. YR.	HR. YR.	Psia			
4.						HR. YR.	HR. YR.	Psia			

1. Basis for Loading/Offloading Rate (Manufacturers data, Field Observation/Test, etc.) Submit information for each unit as an attachment

2. Basis for Control Equipment % Efficiency (Manufacturers data, Field Observation/Test, AP-42, etc.) Submit information for each unit as an attachment

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STACK AND EMISSION MEASUREMENT TABLE

If any equipment from the Process Equipment Table (Page 2) is also listed in this Stack Table, use the same numbered line for the Process Equipment unit on both Tables to show the association between the Process Equipment and its Stack. Copy this table if additional space is needed (begin numbering with 6., 7., etc.).

Process Equipment	Pollutant (CO,NOx,TSP, Toluene,etc)	Control Equipment	Control Efficiency	Stack Height & Diameter in feet	Stack Temp.	Stack Velocity & Exit Direction	Emission Measurement Equipment Type	Range-Sensitivity-Accuracy-
Example 1. Generator	CO, NOx, TSP, SO ₂ , NMHC	N/A	N/A	18 ft. - H 0.8 ft. - D	225 °F	6,000 ft ³ /min - V Exit - upward	N/A	N/A
Example 2. Spray Gun	TSP, xylene, toluene, MIBK	Paint Booth	99% for TSP	9 ft. - H 0.5 ft. -D	ambient	10,000 ft ³ /min - V Exit - horizontal	N/A	N/A
1.								
2.								
3.								
4.								

1. Basis for Control Equipment % Efficiency (Manufacturers data, Field Observation/Test,AP-42, etc.) Submit information for each unit as an attachment

I, the undersigned, a responsible officer of the applicant company, certify that to the best of my knowledge, the information stated on this application, together with associated drawings, specifications, and other data, give a true and complete representation of the existing, modified existing, or planned new stationary source with respect to air pollution sources and control equipment. I also understand that any significant omissions, errors, or misrepresentations in these data will be cause for revocation of part or all of the resulting registration or permit.

Signed this _____ day of _____, 20____

Print Name

Print Title

Signature

Note: The following shall be protected as confidential if requested by applicant:

⌘ Any information relating to processes or production techniques which are unique to owner/operator

⌘ Data relating to owner/operator profits and costs which have not previously been made public

Application can be mailed to address across the top front of this form (Page 1), or may be hand delivered (between the hours of 8:00am - 4:00pm Mon. through Fri.) to the same address.