

**PERMIT FORMS  
PURSUANT TO  
REGULATIONS FOR THE CONTROL AND ABATEMENT OF AIR POLLUTION**



**COMMONWEALTH OF VIRGINIA  
DEPARTMENT OF ENVIRONMENTAL QUALITY**

**AIR PERMITS  
FORM 7 APPLICATION**

NEW SOURCE REVIEW PERMITS  
and STATE OPERATING PERMITS



## **What pages do I fill out for my facility?**

- All new sources and major modifications: 3
- All new and modified sources (except for true minors): 4
- All new and modified sources and State Operating Permits: 7, 8, 9
- All new and modified major sources: 25, 26, 27, 28, 29

### **In addition, complete the following pages:**

- For boilers, external combustion units, turbines: 10, (19, 20 if applicable), 21, 22, 23, 24, 30
- For stationary combustion engines: 11, (19, 20 if applicable), 21, 22, 30
- For incinerators: 12, 19, 20, 21, 22, 23, 24, 30
- For surface coating operations: 13, 14, (19, 20 if applicable), 21, 22, 23, 24, 30
- For quarry operations: 13, 19, 20, 21, 22
- For VOC/Petroleum storage tanks: 15, 16, 21, 22, 23, 24, 30
- For loading racks and oil water separators: 17, 21, 22, 23, 24, 30
- For fumigation operations: 18
- For all other sources: 13, (19, 20, 23, 24 if applicable), 21, 22, 30

**\*\*NOTE: *The facility only has to fill out the applicable pages that apply.*** If any pages are unused, the facility does not need to submit the unused pages with the application.

### **Source-Specific Form 7 Applications**

There are some source-specific Form 7 Applications available for these sources:  
(check out the DEQ website at <http://www.deq.virginia.gov/Programs/Air/Forms.aspx>)

- Asphalt plants (Form 7A)
- Crematories (Form 7B)
- Concrete Batch Plant (Form 7C)

**VIRGINIA DEPARTMENT OF ENVIRONMENTAL QUALITY - AIR PERMITS**

<b>LOCAL GOVERNING BODY CERTIFICATION FORM</b>	
Facility Name:	Registration Number:
Applicant's Name:	Name of Contact Person at the site:
Applicant's Mailing address:	Contact Person Telephone Number:
Facility location (also attach map):	
Facility type, and list of activities to be conducted:	
<p>The applicant is in the process of completing an application for an air pollution control permit from the Virginia Department of Environmental Quality. In accordance with § 10.1-1321.1, Title 10.1, Code of Virginia (1950), as amended, before such a permit application can be considered complete, the applicant must obtain a certification from the governing body of the county, city or town in which the facility is to be located that the location and operation of the facility are consistent with all applicable ordinances adopted pursuant to Chapter 22 (§§ 15.2-2200 <u>et seq.</u>) of Title 15.2. The undersigned requests that an authorized representative of the local governing body sign the certification below.</p>	
Applicant's signature:	Date:
<p><b>The undersigned local government representative certifies</b> to the consistency of the proposed location and operation of the facility described above with all applicable local ordinances adopted pursuant to Chapter 22 (§§15.2-2200 <u>et seq.</u>) of Title 15.2. of the Code of Virginia (1950) as amended, as follows:</p> <p><b>(Check one block)</b></p> <p><input type="checkbox"/> The proposed facility is <b>fully consistent</b> with all applicable local ordinances.</p> <p><input type="checkbox"/> The proposed facility is <b>inconsistent</b> with applicable local ordinances; see attached information.</p>	
Signature of authorized local government representative:	Date:
Type or print name:	Title:
County, city or town:	

**[THE LOCAL GOVERNMENT REPRESENTATIVE SHOULD FORWARD THE SIGNED CERTIFICATION TO THE APPROPRIATE DEQ REGIONAL OFFICE AND SEND A COPY TO THE APPLICANT.]**

**VIRGINIA DEPARTMENT OF ENVIRONMENTAL QUALITY – 2016 AIR PERMIT APPLICATION FEES**

As of July 1, 2012, air permit applications are subject to a fee. The fee does not apply to administrative amendments or true minor sources. Applications will be considered incomplete if the proper fee is not paid and will not be processed until full payment is received. Air permit application fees are not refundable.

**Fees are adjusted every January 1<sup>st</sup> for CPI. THIS FORM IS VALID JANUARY 1, 2016 TO DECEMBER 31, 2016.**

**Send this form and a check (or money order) payable to "Treasurer of Virginia" to:**

Department of Environmental Quality  
 Receipts Control  
 P.O. Box 1104  
 Richmond, VA 23218

**Send a copy of this form with the permit application to:**

The DEQ Regional Office

Please retain a copy for your records. Any questions should be directed to the DEQ regional office to which the application will be submitted. **Unsure of your fee? Contact the Regional Air Permit Manager.**

<b>COMPANY NAME:</b>		<b>FIN:</b>	
<b>COMPANY REPRESENTATIVE:</b>		<b>REG. NO.</b>	
<b>MAILING ADDRESS:</b>			
<b>BUSINESS PHONE:</b>		<b>FAX:</b>	
<b>FACILITY NAME:</b>			
<b>PHYSICAL LOCATION:</b>			

PERMIT ACTIVITY	APPLICATION FEE AMOUNT	CHECK ONE
<b>Sources subject to Title V permitting requirements:</b>		
• Major NSR permit (Articles 7, 8, 9)	\$31,558	
• Major NSR permit amendment (Articles 7, 8, 9)*	\$7,363	
• State major permit (Article 6)	\$15,779	
• Title V permit (Articles 1, 3)	\$21,039	
• Title V permit renewal (Articles 1, 3)	\$10,519	
• Title V permit modification (Articles 1, 3)	\$3,681	
• Minor NSR permit (Article 6)	\$1,577	
• Minor NSR amendment (Article 6)*	\$788	
• State operating permit (Article 5)	\$7,363	
• State operating permit amendment (Article 5)*	\$3,681	
<b>Sources subject to Synthetic Minor permitting requirements:</b>		
• Minor NSR permit (Article 6)	\$525	
• Minor NSR amendment (Article 6)*	\$262	
• State operating permit (Article 5)	\$1,577	
• State operating permit amendment (Article 5)*	\$841	
<b>*FEES DO NOT APPLY TO ADMINISTRATIVE AMENDMENTS AIR PERMIT APPLICATION FEES ARE NOT REFUNDABLE</b>		

**DEQ OFFICE TO WHICH PERMIT APPLICATION WILL BE SUBMITTED (check one)**

<input type="checkbox"/> <a href="#">SWRO/Abingdon</a> <input type="checkbox"/> <a href="#">NRO/Woodbridge</a> <input type="checkbox"/> <a href="#">PRO/Richmond</a>	<b>FOR DEQ USE ONLY</b> Date: _____ DC #: _____ Reg. No.: _____
<input type="checkbox"/> <a href="#">VRO/Harrisonburg</a> <input type="checkbox"/> <a href="#">BRRO/Lynchburg or Roanoke</a> <input type="checkbox"/> <a href="#">TRO/Virginia Beach</a>	

## APPLICATION FEE FORM DEFINITIONS:

*Administrative amendment* – An administrative change to a permit issued pursuant to Article 1 (9 VAC 5-80-50 et seq.), Article 3 (9 VAC 5-80-360 et seq.), Article 5 (9 VAC 5-80-800 et seq.), Article 6 (9 VAC 5-80-1100 et seq.), Article 7 (9 VAC 5-80-1400 et seq.), Article 8 (9 VAC 5-80-1605 et seq.), or Article 9 (9 VAC 5-80-2000 et seq.) of 9 VAC 5 Chapter 80. Administrative amendments include, but are not limited to, the following:

- Corrections of typographical or any other error, defect or irregularity which does not substantially affect the permit,
- Identification of a change in the name, address, or phone number of any person identified in the permit, or of a similar minor administrative change at the source,
- Change in ownership or operational control of a source where the board determines that no other change in the permit is necessary, provided that a written agreement containing a specific date for transfer of permit responsibility, coverage, and liability between the current and new permittee has been submitted to the board.

*Major new source review permit (Major NSR permit)* – A permit issued pursuant to Article 7 (9 VAC 5-80-1400 et seq.), Article 8 (9 VAC 5-80-1605 et seq.), or Article 9 (9 VAC 5-80-2000 et seq.) of 9 VAC 5 Chapter 80. For purposes of fees, the Major NSR permit also includes applications for projects that are major modifications.

- An Article 7 permit is a preconstruction review permit (case-by-case Maximum Achievable Control Technology (MACT) determination) for the construction or reconstruction of any stationary source or emission unit that has the potential to emit, considering controls, 10 tons per year or more of any individual hazardous air pollutant (HAP) or 25 tons per year or more of any combination of HAPs and EPA has not promulgated a MACT standard or delisted the source category.
- An Article 8 permit is for a source (1) with the potential to emit over 250 tons per year of a single criteria pollutant OR (2) is in one of the listed source categories under [9 VAC 5-80-1615](#) and has the potential to emit over 100 tons per year of any criteria pollutant OR (3) with the potential to emit over 100,000 tons per year of CO<sub>2</sub> equivalent (CO<sub>2</sub>e) (9 VAC 5-85 Part III). PSD permits are issued in areas that are in attainment of the National Ambient Air Quality Standards.
- An Article 9 permit is a preconstruction review permit for areas that are in nonattainment with a National Ambient Air Quality Standard (NAAQS). Nonattainment permits are required by any major new source that is being constructed in a nonattainment area and is major for the pollutant for which the area is in nonattainment. Nonattainment permitting requirements may also be triggered if an existing minor source makes a modification that results in the facility being major for the pollutant for which the area is in nonattainment. A major source is any source with potential to emit over 250 tons per year of a single criteria pollutant or is in one of the listed source categories under [9 VAC 5-80-2010](#) and the potential to emit over 100 tons per year of any criteria pollutant. However, if any area is in nonattainment for a specific pollutant, the major source threshold may be lower for that pollutant. For example, sources locating in the Northern Virginia Ozone Nonattainment Area which are part of the [Ozone Transport Region](#) would be a major source if they have the potential to emit more than 100 tons per year of NO<sub>x</sub> and/or 50 tons per year of VOC regardless of source category. Nonattainment permits do not require an air quality analysis but require a source to control to the Lowest Achievable Emission Rate (LAER) and to obtain offsets.

*Major NSR permit amendment* – A change to a permit issued pursuant to Article 7 (9 VAC 5-80-1400 et seq.), Article 8 (9 VAC 5-80-1605 et seq.), or Article 9 (9 VAC 5-80-2000 et seq.) of 9 VAC 5 Chapter 80. Only minor amendments and significant amendments are included in this category.

*Minor new source review permit (Minor NSR permit)* – A permit to construct and operate issued under Article 6 (9 VAC 5-80-1100 et seq.) of 9 VAC 5 Chapter 80. Minor NSR permits are 1) categorically required; or 2) issued to sources whose uncontrolled emission rate for a regulated criteria pollutant is

above exemption thresholds and permitting allowables are below Title V thresholds, and/or 3) issued to sources whose potential to emit for a toxic pollutant is above state toxic exemption thresholds and permitting allowables are below Title V thresholds. The minor NSR permit can be used to establish synthetic minor limits for avoidance of state major, PSD and/or Title V permits. For purposes of fees, the Minor NSR permit also includes exemption applications and applications for projects at existing sources.

*Minor NSR amendment* - A change to a permit issued pursuant to Article 6 (9 VAC 5-80-1100 et seq.) of 9 VAC 5 Chapter 80. Only minor amendments and significant amendments are included in this category.

*Sources subject to Synthetic Minor permitting requirements* - Stationary sources whose potential to emit exceeds the Title V threshold (100 tons per year of a criteria pollutant, 10/25 tpy of HAPs, and/or 100,000 tpy CO<sub>2</sub>e) but have taken federally enforceable limits, either through a state operating permit or a minor NSR permit, to avoid Title V permit applicability.

*Sources subject to Title V permitting requirements* – Stationary sources that have a potential to emit above the Title V thresholds or are otherwise applicable to the Title V permitting program.

*State major permit* – A permit to construct and operate issued under Article 6 (9 VAC 5-80-1100 et seq.) of 9 VAC 5 Chapter 80. State major permits are for facilities that have an allowable emission rate of more than 100 tons per year, but less than 250 tons per year, of any criteria pollutant and are not listed in the 28 categories under “major stationary source” as defined in [9 VAC 5-80-1615](#).

*State operating permit (SOP)* – A permit issued under Article 5 (9 VAC 5-80-800 et seq.) of 9 VAC 5 Chapter 80. SOPs are most often used by stationary sources to establish federally enforceable limits on potential to emit to avoid major New Source Review permitting (PSD and Nonattainment permits), Title V permitting, and/or major source MACT applicability. SOPs can also be used to combine multiple permits from a stationary source into one permit or to implement emissions trading requirements. The State Air Pollution Control Board, at its discretion, may also issue SOPs to cap the emissions of a stationary source or emissions unit causing or contributing to a violation of any air quality standard or to establish a source-specific emission standard or other requirement necessary to implement the federal Clean Air Act or the Virginia Air Pollution Control Law.

*SOP permit amendment* - A change to a permit issued pursuant to Article 5 (9 VAC 5-80-800 et seq.) of 9 VAC 5 Chapter 80. Only minor amendments and significant amendments are included in this category.

*Title V permit* – A federal operating permit issued pursuant to Article 1 (9 VAC 5-80-50 et seq.) or Article 3 (9 VAC 5-80-360 et seq.) of 9 VAC 5 Chapter 80. Facilities which (1) have the potential to emit of air pollutants above the major source thresholds, listed in [9 VAC 5-80-60](#) OR (2) are area sources of hazardous air pollutants, not explicitly exempted by EPA OR (3) have the potential to emit over 100,000 tons per year of CO<sub>2</sub> equivalent (CO<sub>2</sub>e) (9 VAC 5-85 Part III), are required to obtain a Title V permit. For purposes of fees, the Title V permit also includes Acid Rain (Article 3) permit applications.

*Title V permit modification* - A change to a permit issued pursuant to Article 1 (9 VAC 5-80-50 et seq.) or Article 3 (9 VAC 5-80-360 et seq.) of 9 VAC 5 Chapter 80. Only minor modifications and significant modifications are included in this category.

*Title V permit renewal* – A renewal of a Title V permit pursuant to Article 1 (9 VAC 5-80-50 et seq.) of 9 VAC 5 Chapter 80. Title V permits are renewed every 5 years and a renewal application must be submitted to the regional office no sooner than 18 months and no later than 6 months prior to expiration of the Title V permit. For purposes of fees, the Title V permit renewal also includes Acid Rain (Article 3) permit renewal applications.

*True minor source* – A source that does not have the physical or operational capacity to emit major amounts (even if the source owner and regulatory agency disregard any enforceable limits). For further information, [click here](#).



AIR PERMIT APPLICATION  
CHECK ALL PAGES ATTACHED AND LIST ALL ATTACHED DOCUMENTS

- |  |  |
|--|--|
| <input type="checkbox"/> Local Government Certification Form, Page 3               | <input type="checkbox"/> Proposed Permit Limits for GHGs on CO <sub>2</sub> e Basis, Page 26 |
| <input type="checkbox"/> Application Fee Form, Pages 4-6                           | <input type="checkbox"/> BAE for Criteria Pollutants, Page 27                                |
| <input type="checkbox"/> Document Certification Form, Page 7                       | <input type="checkbox"/> BAE for GHGs on Mass Basis, Page 28                                 |
| <input type="checkbox"/> General Information, Pages 8-9                            | <input type="checkbox"/> BAE for GHGs on CO <sub>2</sub> e Basis, Page 29                    |
| <input type="checkbox"/> Fuel Burning Equipment, Page 10                           | <input type="checkbox"/> Operating Periods, Page 30  |
| <input type="checkbox"/> Stationary Internal Combustion Engines, Page 11           |  |
| <input type="checkbox"/> Incinerators, Page 12                                     | <u>ATTACHED DOCUMENTS:</u>   |
| <input type="checkbox"/> Processing, Page 13                                       | <input type="checkbox"/> Map of Site Location  |
| <input type="checkbox"/> Inks, Coatings, Stains, and Adhesives, Page 14            | <input type="checkbox"/> Facility Site Plan  |
| <input type="checkbox"/> VOC/Petroleum Storage Tanks, Pages 15-16                  | <input type="checkbox"/> Process Flow Diagram/Schematic                                      |
| <input type="checkbox"/> Loading Rack and Oil-Water Separators, Page 17            | <input type="checkbox"/> MSDS or CPDS Sheets   |
| <input type="checkbox"/> Fumigation Operations, Page 18                            | <input type="checkbox"/> Estimated Emission Calculations                                     |
| <input type="checkbox"/> Air Pollution Control and Monitoring Equipment, Page 19   | <input type="checkbox"/> Stack Tests   |
| <input type="checkbox"/> Air Pollution Control/Supplemental Information, Page 20   | <input type="checkbox"/> Air Modeling Data   |
| <input type="checkbox"/> Stack Parameters and Fuel Data, Page 21                   | <input type="checkbox"/> Confidential Information (see Instructions)                         |
| <input type="checkbox"/> Proposed Permit Limits for Criteria Pollutants, Page 22   | <input type="checkbox"/> BACT Analysis   |
| <input type="checkbox"/> Proposed Permit Limits for Toxic Pollutants/HAPs, Page 23 | _____  |
| <input type="checkbox"/> Proposed Permit Limits for Other Reg. Pollutants, Page 24 | _____  |
| <input type="checkbox"/> Proposed Permit Limits for GHGs on Mass Basis, Page 25    | _____  |

Check added form sheets above; also indicate the number of copies of each form in blank provided.

DOCUMENT CERTIFICATION FORM

*I certify under penalty of law that this document and all attachments [as noted above] were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering and evaluating the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.*

*I certify that I understand that the existence of a permit under [Article 6 of the Regulations] does not shield the source from potential enforcement of any regulation of the board governing the major NSR program and does not relieve the source of the responsibility to comply with any applicable provision of the major NSR regulations.*

SIGNATURE: _____	DATE: _____
NAME: _____	REGISTRATION NO: _____
TITLE: _____	COMPANY: _____
PHONE: _____	ADDRESS: _____
EMAIL: _____	_____

References: Virginia Regulations for the Control and Abatement of Air Pollution (Regulations), 9 VAC 5-20-230B and 9 VAC 5-80-1140E.

### GENERAL INFORMATION

Person Completing Form:		Date:	Registration Number:
Company and Division Name:			FIN:
Mailing Address:			
Exact Source Location – Include Name of City (County) and Full Street Address or Directions:			
Telephone Number:	No. of Employees:	Property Area at Site:	
Person to Contact on Air Pollution Matters – Name and Title:		Phone Number:	
		Fax:	
		Email:	
Latitude and Longitude Coordinates <b>OR</b> UTM Coordinates of Facility:			

**Reason(s) for Submission (Check all that apply):**

<input type="checkbox"/> State Operating Permit	This permit is applied for pursuant to provisions of the Virginia Administrative Code, 9 VAC 5 Chapter 80, Article 5 (SOP)
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<input type="checkbox"/> New Source	This permit is applied for pursuant to the following provisions of the Virginia Administrative Code:
<input type="checkbox"/> Modification of a Source	
<input type="checkbox"/> Relocation of a Source	
<input type="checkbox"/> Amendment to a Permit Dated: _____ Permit Type: <input type="checkbox"/> SOP (Art. 5) <input type="checkbox"/> NSR (Art. 6, 8, 9)	

<u>Amendment Type:</u>	This amendment is requested pursuant to the provisions of:	
<input type="checkbox"/> Administrative Amendment	<input type="checkbox"/> 9 VAC 5-80-970 (Art. 5 Adm.)	<input type="checkbox"/> 9 VAC 5-80-1935 (Art. 8 Adm.)
<input type="checkbox"/> Minor Amendment	<input type="checkbox"/> 9 VAC 5-80-980 (Art. 5 Minor)	<input type="checkbox"/> 9 VAC 5-80-1945 (Art. 8 Minor)
<input type="checkbox"/> Significant Amendment	<input type="checkbox"/> 9 VAC 5-80-990 (Art. 5 Sig.)	<input type="checkbox"/> 9 VAC 5-80-1955 (Art. 8 Sig.)
	<input type="checkbox"/> 9 VAC 5-80-1270 (Art. 6 Adm.)	<input type="checkbox"/> 9 VAC 5-80-2210 (Art. 9 Adm.)
	<input type="checkbox"/> 9 VAC 5-80-1280 (Art. 6 Minor)	<input type="checkbox"/> 9 VAC 5-80-2220 (Art. 9 Minor)
	<input type="checkbox"/> 9 VAC 5-80-1290 (Art. 6 Sig.)	<input type="checkbox"/> 9 VAC 5-80-2230 (Art. 9 Sig.)

Other (specify): \_\_\_\_\_

**Explanation of Permit Request (attach documents if needed):**

**GENERAL INFORMATION (CONTINUED)**

<b>For Portable Plants:</b>		
Is this facility designed to be portable?	<input type="checkbox"/> Yes	<input type="checkbox"/> No
• If yes, is this facility already permitted as a portable plant?	<input type="checkbox"/> Yes	<input type="checkbox"/> No      Permit Date: _____
If not permitted, is this an application to be permitted as a portable plant?	<input type="checkbox"/> Yes	<input type="checkbox"/> No
If permitted as a portable facility, is this a notification of relocation?	<input type="checkbox"/> Yes	<input type="checkbox"/> No
• Describe the new location or address (include a site map): _____		
• Will the portable facility be co-located with another source? <input type="checkbox"/> Yes <input type="checkbox"/> No      Reg. No. _____		
• Will the portable facility be modified or reconstructed as a result of the relocation?	<input type="checkbox"/> Yes	<input type="checkbox"/> No
• Will there be any new emissions other than those associated with the relocation?	<input type="checkbox"/> Yes	<input type="checkbox"/> No
• Is the facility suitable for the area to which it will be located? (attach documentation)	<input type="checkbox"/> Yes	<input type="checkbox"/> No

**Describe the products manufactured and/or services performed at this facility:**

**List the Standard Industrial Classification (SIC) Code(s) for the facility:**

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**List the North American Industry Classification System (NAICS) Code(s) for the facility:**

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**List all the facilities in Virginia under common ownership or control by the owner of this facility:**


**Milestones:** This section is to be completed if the permit application includes a new emissions unit or modification to existing operations.

Milestones*:	Starting Date:	Estimated Completion Date:
New Equipment Installation		
Modification of Existing Process or Equipment		
Start-up Dates		

\*For new or modified installations to be constructed in phased schedule, give construction/installation starting and completion date for each phase.

**FUEL BURNING EQUIPMENT: (Boilers, Turbines, Kilns, and Other External Combustion Units)**

<b>Company Name:</b>	<b>Date:</b>	<b>Registration Number:</b>
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Unit Ref. No.	Equipment Manufacturer, Type, and Model Number	Date of Manuf.	Date of Const.	Max. Rated Input Heat Capacity For Each Fuel (Million Btu/hr)	Type of Fuel	Type of Equip. (use Code A)	Usage (use Code B)	Requested Throughput* (hrs/yr OR fuel/yr)	Federal Regulations that Apply

Estimated Emission Calculations Attached (include references of emission factors) and/or Stack Test Results if Available

<p><b>Code A – Equipment</b></p> <p><u>BOILER TYPE:</u></p> <ol style="list-style-type: none"> <li>1. Pulverized Coal - Wet Bottom</li> <li>2. Pulverized Coal - Dry Bottom</li> <li>3. Pulverized Coal - Cyclone Furnace</li> <li>4. Circulating Fluidized Bed</li> <li>5. Spreader Stoker</li> <li>6. Chain or Travelling Grate Stoker</li> <li>7. Underfeed Stoker</li> <li>8. Hand Fired Coal</li> <li>9. Oil, Tangentially Fired</li> <li>10. Oil, Horizontally Fired (except rotary cup)</li> </ol>	<ol style="list-style-type: none"> <li>11. Gas, Tangentially Fired</li> <li>12. Gas, Horizontally Fired</li> <li>13. Wood with Flyash Reinjection</li> <li>14. Wood without Flyash Reinjection</li> <li>15. Other (specify) _____</li> </ol> <p><u>OTHER COMBUSTION UNITS:</u></p> <ol style="list-style-type: none"> <li>16. Oven / Kiln</li> <li>17. Rotary Kiln</li> <li>18. Process Furnace</li> <li>19. Other (specify) _____</li> </ol>	<p><b>Code B - Usage</b></p> <ol style="list-style-type: none"> <li>1. Steam Production</li> <li>2. Drying / Curing</li> <li>3. Space Heating</li> <li>4. Process Heat</li> <li>5. Food Processing</li> <li>6. Electrical Generation</li> <li>7. Mechanical Work</li> <li>8. Other (specify) _____</li> </ol>
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**\*Pick only one option for a requested throughput.**

**NOTE: Dryers, kilns, and furnaces also have to fill out Page 13.**

**STATIONARY INTERNAL COMBUSTION ENGINES:**

<b>Company Name:</b>	<b>Date:</b>	<b>Registration Number:</b>
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Unit Ref. No.	Equipment Manufacturer, Type, and Model Number	Date of Manuf.	Date of Const.	Output Brake Horsepower (bhp)	Output Electrical Power (kW)	Type of Fuel	Usage* (use Code C)	Requested Throughput** (hrs/yr OR fuel/yr)	Federal Regulations that Apply

Estimated Emission Calculations Attached (include references of emission factors and manufacturer specifications per engine) and/or Stack Test Results if Available

**Code C – Usage**

1. Emergency Generator
2. Participates in Emergency Load Response Program
3. Non-Emergency Generator
4. Participates in Demand Response Program(s)
5. Other (specify) \_\_\_\_\_

**\*Can pick more than one option**  
(i.e. 1 and 2 **OR** 3 and 4)

**\*\*Pick only one option for a requested throughput.**

**LIQUID AND/OR SOLID WASTE INCINERATORS: (NOT AN AIR EMISSIONS CONTROL DEVICE)**

<b>Company Name:</b>	<b>Date:</b>	<b>Registration Number:</b>
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Unit Ref. No.	Equipment Manufacturer, Type, and Model Number	Date of Manuf.	Date of Const.	Incin. Max. Rated Capacity (lbs/hr)	Burner Rated Capacity (Btu/hr)		Minimum Chamber Temp. (°F)		Requested Throughput to be Incinerated		Incin. Type (use Code D)	Waste Type (use Code E)	Min. Secondary Chamber Retention Time (sec)	Burn Down Cycle Time (hrs)	Federal Regulations that Apply
					Pri.	Sec.	Pri.	Sec.	Lbs/hr	Tons/yr					

Estimated Emission Calculations Attached (include references of emission factors) and/or Stack Test Results if Available

<p><b>Code D – Incinerator Type</b></p> <ol style="list-style-type: none"> <li>1. Rotary Kiln</li> <li>2. Mass Burn/Refuse Derived Fuel</li> <li>3. Crematory</li> <li>4. Single Chamber</li> <li>5. Multiple Chamber</li> <li>6. Other (specify) _____</li> </ol>	<p><b>Code E – Waste Type</b></p> <ol style="list-style-type: none"> <li>1. Paper Waste</li> <li>2. Hospital Waste</li> <li>3. Medical Waste</li> <li>4. Municipal Waste</li> <li>5. Animal Waste</li> <li>6. Crematory Waste (Human Remains)</li> <li>7. Industrial Waste</li> <li>8. Other (specify) _____</li> </ol>
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**PROCESSING, MANUFACTURING, SURFACE COATING AND DEGREASING OPERATIONS:**

<b>Company Name:</b>	<b>Date:</b>	<b>Registration Number:</b>
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Unit Ref. No.	Process or Operation Name	Equipment Manufacturer, Type, and Model Number	Date of Manuf.	Date of Const.	Max. Rated Capacity (____/hr)*	Requested Throughput*			Federal Regulations that Apply
						(____/hr)	(____/day)	(____/yr)	

Estimated Emission Calculations Attached (include references of emission factors) and/or Stack Test Results if Available

\* Specify units for each operation in tons, pounds, gallons, etc., as applicable. For coating operations, the maximum rated capacity is the spray gun capacity.

**INKS, COATINGS, STAINS, AND ADHESIVES:**

<b>Company Name:</b>	<b>Date:</b>	<b>Registration Number:</b>
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Unit Ref. No.	Coating Material (specify)	Coating Use (use Code F)	Lbs VOC in Coating as Applied			VOC Control Method (use Code G)	Solids Transfer Efficiency (%)	Coating Density as Applied (lbs/gal)	Maximum Coating Usage as Applied	
			Per gal coating	Per gal coating less water & exempt solvent	Per gal solids				(Gal/hr)	(Gal/yr)

Hazardous Air Pollutants (HAPs)	Lbs HAP/gal coating as applied	Hazardous Air Pollutants (HAPs)	Lbs HAP/gal coating as applied
CAS #:		CAS #:	
HAP Name:		HAP Name:	
CAS #:		CAS #:	
HAP Name:		HAP Name:	
CAS #:		CAS #:	
HAP Name:		HAP Name:	

Estimated Emission Calculations Attached (include references of emission factors and MSDS or CPDS for each coating)

Code F – Coating Use			Code G – VOC Control Method
<ul style="list-style-type: none"> <li>1. Large Appliance Coatings</li> <li>2. Magnet Wire Coatings</li> <li>3. Auto and Light Duty Truck Coatings                             <ul style="list-style-type: none"> <li>a. Prime Coat</li> <li>b. Guidecoat</li> <li>c. Topcoat</li> <li>d. Final Repair</li> <li>e. Anti-chip</li> <li>f. Anti-chip extreme performance</li> <li>g. Anti-chip visible surface</li> </ul> </li> <li>4. Aerospace Industries Coating</li> <li>5. Magnetic Tape Coating</li> <li>6. Can Coatings                             <ul style="list-style-type: none"> <li>a. Base/Overvarnish</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>b. Internal body/external ends</li> <li>c. 3-piece Can, side seam</li> <li>d. End seals</li> <li>7. Metal Coil Coating</li> <li>8. Non-Printing Paper/Fabric Coating</li> <li>9. Publication Printing Inks and Coatings</li> <li>10. Packaging Printing Inks and Coatings</li> <li>11. Vinyl Coatings</li> <li>12. Metal Furniture Coatings</li> <li>13. Plastic Parts and Products Coatings</li> <li>14. Miscellaneous Metal Parts Coatings                             <ul style="list-style-type: none"> <li>a. Clear coatings</li> <li>b. Air-dried Coatings</li> <li>c. Extreme Performance Coatings</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>d. Other coatings</li> <li>15. Flatwood Paneling Coatings                             <ul style="list-style-type: none"> <li>a. Printed Hardwood/Particleboard</li> <li>b. Natural finish Hardwood/Plywood</li> <li>c. Class II Hardboard</li> </ul> </li> <li>16. Paper and other Webs</li> <li>17. Shipbuilding and Ship Repair Coating</li> <li>18. Wood Furniture Coating</li> <li>19. Flexographic Ink</li> <li>20. Lithographic Ink</li> <li>21. Rotogravure Ink</li> <li>22. Adhesives – describe: _____</li> <li>23. Other: _____</li> </ul>	<ul style="list-style-type: none"> <li>1. Low-VOC Coatings                             <ul style="list-style-type: none"> <li>a. High-Solids Coatings</li> <li>b. Low-Solvent Coatings</li> <li>c. Waterborne Coatings</li> <li>d. Powder Coatings</li> <li>e. UV Light/Electron Beam Cured Coatings</li> <li>f. Electrodeposited Waterborne Coatings</li> </ul> </li> <li>2. Increased Solids Transfer Efficiency</li> <li>3. Carbon Adsorption</li> <li>4. Incineration</li> <li>5. Regenerative Thermal Oxidizer (RTO)</li> <li>6. Enclosures - Partial _____ % or Capture Efficiency _____ %</li> <li>7. Other: _____</li> </ul>

**NOTE:** Fill out one page for each ink, coating, stain, and adhesive.

**VOLATILE ORGANIC COMPOUND (VOC)/PETROLEUM LIQUID STORAGE TANKS:**

<b>Company Name:</b>	<b>Date:</b>	<b>Registration Number:</b>
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Unit Ref. No.	Tank Type (use Code H)	Source of Tank Contents (use Code I)	Date of Manuf.	Date of Const.	Material Stored - Name and CAS # (include Reid Vapor Pressure for Gasoline)	Max. True Vapor Pressure (psia)	Density* (lbs/gal)	Max. Average Storage Temp. (°F)	Tank Diameter (feet)	Tank Capacity (gal)	Requested Throughput (gal/yr)	Federal Regulations that Apply

Estimated Emission Calculations Attached (include TANKS Program printouts)

<p><b>Code H – Tank Type</b></p> <ol style="list-style-type: none"> <li>1. Fixed Roof             <ol style="list-style-type: none"> <li>a. Vertical Tank</li> <li>b. Horizontal Tank</li> </ol> </li> <li>2. Floating Roof             <ol style="list-style-type: none"> <li>a. Internal (welded deck)</li> <li>b. Internal (bolted deck) – Specify Panel or Sheet</li> <li>c. External (welded deck)</li> <li>d. External (riveted deck)</li> </ol> </li> </ol>	<ol style="list-style-type: none"> <li>3. Variable Vapor Space</li> <li>4. Pressure Tank (over 15 psig)</li> <li>5. Underground Splash Loading</li> <li>6. Underground Submerged Loading</li> <li>7. Underground Submerged Loading, Balanced</li> <li>8. Other: _____</li> </ol>	<p><b>Code I – Source of Tank Contents</b></p> <ol style="list-style-type: none"> <li>1. Pipeline</li> <li>2. Rail Car</li> <li>3. Tank Truck</li> <li>4. Ship or Barge</li> <li>5. Process</li> </ol>
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\* Specify the ASTM temperature standard at which the density was measured.

**VOLATILE ORGANIC COMPOUND (VOC)/PETROLEUM LIQUID STORAGE TANKS (CONTINUED):**

<b>Company Name:</b>	<b>Date:</b>	<b>Registration Number:</b>
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Unit Ref. No.	Tank Color		Fixed Roof Only					Floating Roof Only				
	Shell	Roof	Internal Tank Height or Length (feet)	Max. Hourly Filling (gallons)	External Fixed Roof			Seal Type (use Code J)	Max. Hourly Withdrawal (gallons)	Internal Floating Roof		
					Type of Roof (cone or dome)	Cone height (ft) and slope (ft/ft)	Dome height (ft) and radius (ft)			Self Supporting?	If no,	
											No. of Columns	Column Diameter (ft)

<p><b>Code J – Seal Type (Pontoon External Only)</b></p> <ol style="list-style-type: none"> <li>1. Mechanical Shoe             <ol style="list-style-type: none"> <li>a. Primary only</li> <li>b. Shoe mounted secondary</li> <li>c. Rim mounted secondary</li> </ol> </li> <li>2. Liquid Mounted             <ol style="list-style-type: none"> <li>a. Primary only</li> <li>b. Weather shield secondary</li> <li>c. Rim mounted secondary</li> </ol> </li> <li>3. Vapor Mounted             <ol style="list-style-type: none"> <li>a. Primary only</li> <li>b. Weather shield secondary</li> <li>c. Rim mounted secondary</li> </ol> </li> </ol>	<p><b>(Double Deck External Only)</b></p> <ol style="list-style-type: none"> <li>4. Mechanical Shoe             <ol style="list-style-type: none"> <li>a. Primary only</li> <li>b. Shoe mounted secondary</li> <li>c. Rim mounted secondary</li> </ol> </li> <li>5. Liquid Mounted             <ol style="list-style-type: none"> <li>a. Primary only</li> <li>b. Weather shield secondary</li> <li>c. Rim mounted secondary</li> </ol> </li> <li>6. Vapor Mounted             <ol style="list-style-type: none"> <li>a. Primary only</li> <li>b. Weather shield secondary</li> <li>c. Rim mounted secondary</li> </ol> </li> </ol>	<p><b>(Internal Only)</b></p> <ol style="list-style-type: none"> <li>7. Mechanical Shoe             <ol style="list-style-type: none"> <li>a. Primary only</li> <li>b. Shoe mounted secondary</li> <li>c. Rim mounted secondary</li> </ol> </li> <li>8. Liquid Mounted             <ol style="list-style-type: none"> <li>a. Primary only</li> <li>b. Rim mounted secondary</li> </ol> </li> <li>9. Vapor Mounted             <ol style="list-style-type: none"> <li>a. Primary only</li> <li>b. Rim mounted secondary</li> </ol> </li> </ol>
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**LOADING RACKS AND OIL-WATER SEPARATORS:**

<b>Company Name:</b>	<b>Date:</b>	<b>Registration Number:</b>
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Unit Ref. No.	Name of Product Loaded or Recovered	Max. Hourly Throughput (gallons)	Requested Annual Throughput (gallons)	Loading Racks Only		Oil-Water Separators Only	Federal Regulations that Apply
				Type of Loading (use Code K)	Hatch Vapor Closure on Loading Arms (use Code L)	Type of Enclosure (use Code M)	

Estimated Emission Calculations Attached

<p><b>Code K – Type of Loading</b></p> <ol style="list-style-type: none"> <li>1. Overhead Loading - splash fill, normal service</li> <li>2. Overhead Loading - submerged fill, normal service</li> <li>3. Bottom Loading - normal service</li> <li>4. Overhead Loading - splash fill, balanced service</li> <li>5. Overhead Loading - submerged fill, balanced service</li> <li>6. Bottom Loading - Balanced service</li> </ol>	<p><b>Code L – Hatch Vapor Closure</b></p> <ol style="list-style-type: none"> <li>1. None, open to air</li> <li>2. Emco - Wheaton</li> <li>3. OPW</li> <li>4. Chiksan - LTV</li> <li>5. Other: _____</li> </ol>	<p><b>Code M – Type of Enclosure</b></p> <ol style="list-style-type: none"> <li>1. Open</li> <li>2. Partially Open</li> <li>3. Floating Roof</li> <li>4. Sealed Cover</li> </ol>
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**FUMIGATION OPERATIONS:**

<b>Company Name:</b>	<b>Date:</b>	<b>Registration Number:</b>
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Unit Ref. No.	Object or Product to be Fumigated	Containment System	Fumigant	Max. Daily Fumigant Usage* (lbs/day or g/day)	Max. Annual Fumigant Usage* (lbs/yr or g/yr)	Estimated Number of Fumigation Events Per Year	Aeration Method	Distance from Fumigation Operation to Property or Fence Line (feet)

Estimated Emission Calculations Attached

Fumigation Operation is less than 300 feet to an area occupied by people

\* Specify units for each operation in pounds (methyl bromide) or grams (phosphine) per day or year.

**AIR POLLUTION CONTROL AND MONITORING EQUIPMENT:**

<b>Company Name:</b>	<b>Date:</b>	<b>Registration Number:</b>
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Unit Ref. No.	Vent/ Stack No.	Device Ref. No.	Pollutant/Parameter	Air Pollution Control Equipment			Monitoring Instrumentation
				Manufacturer and Model No.	Type (use Code N)	Percent Efficiency (%)	Specify Type, Measured Pollutant, and Recorder Used

Manufacturer Specifications Included

<p><b>Code N – Type of Air Pollution Control Equipment</b></p> <ol style="list-style-type: none"> <li>1. Settling Chamber</li> <li>2. Cyclone</li> <li>3. Multicyclone</li> <li>4. Cyclone scrubber</li> <li>5. Orifice scrubber</li> <li>6. Mechanical scrubber</li> <li>7. Venturi scrubber             <ol style="list-style-type: none"> <li>a. Fixed throat</li> <li>b. Variable throat</li> </ol> </li> <li>8. Mist eliminator</li> <li>9. Filter             <ol style="list-style-type: none"> <li>a. Baghouse</li> <li>b. Other: _____</li> </ol> </li> <li>10. Electrostatic Precipitator</li> </ol>	<ol style="list-style-type: none"> <li>a. Hot side</li> <li>b. Cold side</li> <li>c. High voltage</li> <li>d. Low voltage</li> <li>e. Single stage</li> <li>f. Two stage</li> <li>g. Other: _____</li> <li>11. Catalytic Afterburner</li> <li>12. Direct Flame Afterburner</li> <li>13. Diesel Oxidation Catalyst (DOC)</li> <li>14. Thermal Oxidizer</li> <li>15. Regenerative Thermal Oxidizer (RTO)</li> <li>16. Selective Catalytic Reduction (SCR)</li> <li>17. Selective Non-Catalytic Reduction (SNCR)</li> </ol>	<ol style="list-style-type: none"> <li>17. Absorber             <ol style="list-style-type: none"> <li>a. Packed tower</li> <li>b. Spray tower</li> <li>c. Tray tower</li> <li>d. Venturi</li> <li>e. Other: _____</li> </ol> </li> <li>18. Adsorber             <ol style="list-style-type: none"> <li>a. Activated carbon</li> <li>b. Molecular sieve</li> <li>c. Activated alumina</li> <li>d. Silica gel</li> <li>e. Other: _____</li> </ol> </li> <li>19. Condenser (specify)</li> <li>20. Other: _____</li> </ol>
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**AIR POLLUTION CONTROL EQUIPMENT - SUPPLEMENTAL INFORMATION:**

<b>Company Name:</b>	<b>Date:</b>	<b>Registration Number:</b>
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Device Ref. No.	Type (use Code N)	Liquid Flow Rate (gpm) (4, 5, 6, 7, 17,19)	Liquid Medium (4, 5, 6, 7, 17, 19)	Cleaning Method (9, 10, 17, 18)	Number of Fields (10)	Number of Sections (9, 10)	Air to Cloth Ratio (fpm) (9)	Filter Material (9)	Inlet Temp. (°F)	Regeneration Method & Cycle Time (sec) (18)	Chamber Temp. (°F) (11, 12, 14, 15)	Retention Time (sec) (11, 12, 14, 15)	Pressure Drop (inch H <sub>2</sub> O) (3, 4, 5, 6, 7, 9, 17)

**NOTE:** Numbers listed in parenthesis in the columns above represent the Control Equipment in Code N below.

<p><b>Code N – Type of Air Pollution Control Equipment</b></p> <ol style="list-style-type: none"> <li>1. Settling Chamber</li> <li>2. Cyclone</li> <li>3. Multicyclone</li> <li>4. Cyclone scrubber</li> <li>5. Orifice scrubber</li> <li>6. Mechanical scrubber</li> <li>7. Venturi scrubber             <ol style="list-style-type: none"> <li>a. Fixed throat</li> <li>b. Variable throat</li> </ol> </li> <li>8. Mist eliminator</li> <li>9. Filter             <ol style="list-style-type: none"> <li>a. Baghouse</li> <li>b. Other: _____</li> </ol> </li> <li>10. Electrostatic Precipitator</li> </ol>	<ol style="list-style-type: none"> <li>a. Hot side</li> <li>b. Cold side</li> <li>c. High voltage</li> <li>d. Low voltage</li> <li>e. Single stage</li> <li>f. Two stage</li> <li>g. Other: _____</li> <li>11. Catalytic Afterburner</li> <li>12. Direct Flame Afterburner</li> <li>13. Diesel Oxidation Catalyst (DOC)</li> <li>14. Thermal Oxidizer</li> <li>15. Regenerative Thermal Oxidizer (RTO)</li> <li>16. Selective Catalytic Reduction (SCR)</li> <li>17. Selective Non-Catalytic Reduction (SNCR)</li> </ol>	<ol style="list-style-type: none"> <li>17. Absorber             <ol style="list-style-type: none"> <li>a. Packed tower</li> <li>b. Spray tower</li> <li>c. Tray tower</li> <li>d. Venturi</li> <li>e. Other: _____</li> </ol> </li> <li>18. Adsorber             <ol style="list-style-type: none"> <li>a. Activated carbon</li> <li>b. Molecular sieve</li> <li>c. Activated alumina</li> <li>d. Silica gel</li> <li>e. Other: _____</li> </ol> </li> <li>19. Condenser (specify)</li> <li>20. Other: _____</li> </ol>
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**STACK PARAMETERS AND FUEL DATA:**

<b>Company Name:</b>	<b>Date:</b>	<b>Registration Number:</b>
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Unit Ref. No.	Vent/Stack No.	Vent/Stack or Exhaust Data						Fuel(s) Data				
		Vent/Stack Config. (use Code O)	Vent/Stack Height (feet)	Exit Diameter (feet)	Exit Gas Velocity (ft/sec)	Exit Gas Flow Rate (acfm)	Exit Gas Temp. (°F)	Type of Fuel	Heating Value* (Btu/____)	Max. Rated Burned/hr (specify units)	Max. Sulfur %	Max. Ash %

**Code O – Vent/Stack Configuration**

1. Stack discharging downward, or nearly downward
2. Equivalent stack representing a combination of multiple actual stacks
3. Gooseneck stack
4. Stack discharging in a horizontal direction
5. Stack with an unobstructed opening discharge in a vertical direction
6. Vertical stack with a weather cap or similar obstruction in exhaust system

\* Specify units for each heating value in Btus per unit of fuel.



**PROPOSED PERMIT LIMITS FOR TOXIC POLLUTANTS/HAPS:**

Company Name:	Date:	Registration Number:
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Unit Ref. No.	Proposed Permit Limits for Toxic/HAP Pollutants*															
	<u>HAP Name:</u>		<u>HAP Name:</u>		<u>HAP Name:</u>		<u>HAP Name:</u>		<u>HAP Name:</u>		<u>HAP Name:</u>		<u>HAP Name:</u>		<u>HAP Name:</u>	
	<u>CAS #:</u>		<u>CAS #:</u>		<u>CAS #:</u>		<u>CAS #:</u>		<u>CAS #:</u>		<u>CAS #:</u>		<u>CAS #:</u>		<u>CAS #:</u>	
	lbs/hr	tons/yr	lbs/hr	tons/yr	lbs/hr	tons/yr	lbs/hr	tons/yr	lbs/hr	tons/yr	lbs/hr	tons/yr	lbs/hr	tons/yr	lbs/hr	tons/yr
<b>TOTAL:</b>																

Estimated Emission Calculations Attached (totals and per Unit Ref. No.)

\* **Specify the name of the toxic pollutant/HAP for each Unit Ref. No. along with the respective CAS Number.** Toxic Pollutant means a pollutant on the designated list in the Form 7 Instructions document. Particulate matter and volatile organic compounds are not toxic pollutants as generic classes of substances, but individual substances within these classes may be toxic pollutants because their toxic properties or because a TLV (tm) has been established.

**PROPOSED PERMIT LIMITS FOR OTHER REGULATED POLLUTANTS:**

Company Name:	Date:	Registration Number:
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Unit Ref. No.	Proposed Permit Limits for Other Regulated Pollutants*															
	<u>Pollutant Name:</u>		<u>Pollutant Name:</u>		<u>Pollutant Name:</u>		<u>Pollutant Name:</u>		<u>Pollutant Name:</u>		<u>Pollutant Name:</u>		<u>Pollutant Name:</u>		<u>Pollutant Name:</u>	
	lbs/hr	tons/yr	lbs/hr	tons/yr	lbs/hr	tons/yr	lbs/hr	tons/yr	lbs/hr	tons/yr	lbs/hr	tons/yr	lbs/hr	tons/yr	lbs/hr	tons/yr
<b>TOTAL:</b>																

Estimated Emission Calculations Attached (totals and per Unit Ref. No.)

\* **Other Regulated Pollutant** include Fluorides, Sulfuric Acid Mist, Hydrogen Sulfide (H<sub>2</sub>S), Total Reduced Sulfur (including H<sub>2</sub>S), Reduced Sulfur Compounds (including H<sub>2</sub>S), Municipal Waste Combustor Organics (measured as total tetra-through octa-chlorinated dibenzo-p-dioxins and dibenzofurans), Municipal Waste Combustor Metals (measured as particulate matter), Municipal Waste Combustor Acid Gases (measured as the sum of SO<sub>2</sub> and HCl), and Municipal Solid Waste Landfill Emissions (measured as nonmethane organic compounds).







**BASELINE ACTUAL EMISSIONS (BAE) FOR GREENHOUSE GASES (GHGs) POLLUTANT EMISSIONS ON MASS BASIS: FOR PSD MAJOR SOURCES ONLY**

<b>Company Name:</b>	<b>Date:</b>	<b>Registration Number:</b>
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Unit Ref. No.	Average Actual Annual Emissions to the Atmosphere of GHGs for the Period: _____, 20__ to _____, 20__					
	<b>CO<sub>2</sub></b> (Carbon Dioxide)	<b>N<sub>2</sub>O</b> (Nitrous Oxide)	<b>CH<sub>4</sub></b> (Methane)	<b>HFCs</b> (Hydrofluorocarbons)	<b>PFCs</b> (Perfluorocarbons)	<b>SF<sub>6</sub></b> (Sulfur Hexafluoride)
	tons/yr	tons/yr	tons/yr	tons/yr	tons/yr	tons/yr
<b>TOTAL:</b>						

Background Documentation Attached (totals and per Unit Ref. No.)

**BASELINE ACTUAL EMISSIONS (BAE) FOR GREENHOUSE GASES (GHGs) POLLUTANT EMISSIONS ON CO<sub>2</sub> EQUIVALENT EMISSIONS (CO<sub>2</sub>e)  
BASIS: FOR PSD MAJOR SOURCES ONLY**

<b>Company Name:</b>	<b>Date:</b>	<b>Registration Number:</b>
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Unit Ref. No.	Average Actual Annual Emissions to the Atmosphere of GHGs for the Period: _____, 20__ to _____, 20__					
	CO <sub>2</sub> (Carbon Dioxide)	N <sub>2</sub> O (Nitrous Oxide)	CH <sub>4</sub> (Methane)	HFCs (Hydrofluorocarbons)	PFCs (Perfluorocarbons)	SF <sub>6</sub> (Sulfur Hexafluoride)
	tons/yr	tons/yr	tons/yr	tons/yr	tons/yr	tons/yr
<b>TOTAL:</b>						

Background Documentation Attached (totals and per Unit Ref. No.)

**OPERATING PERIODS:**

<b>Company Name:</b>	<b>Date:</b>	<b>Registration Number:</b>
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Unit Ref. No.	Percent Annual Use/Throughput by Season				Normal Process/Equipment Operating Schedule			Maximum Process/Equipment Operating Schedule		
	December February	March May	June August	September November	Hours per Day	Days per Week	Weeks per Year	Hours per Day	Days per Week	Weeks per Year

Maximum Facility Operating Schedule		
Hours per Day	Days per Week	Weeks per Year