**PERMIT FORMS PURSUANT TO**

**REGULATIONS FOR THE**

**CONTROL AND ABATEMENT OF AIR POLLUTION**



**COMMONWEALTH OF VIRGINIA**

**DEPARTMENT OF ENVIRONMENTAL QUALITY**

**AIR PERMIT**

FORM 7A APPLICATION

for ASPHALT PLANTS Only

**NEW SOURCE REVIEW PERMITS**

**and STATE OPERATING PERMITS**



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

# LOCAL GOVERNING BODY CERTIFICATION FORM

|  |  |
| --- | --- |
| Business Entity Name: (same name on file with the [Virginia SCC](https://cis.scc.virginia.gov/)) | 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: |
| 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 et seq.) of Title 15.2. The undersigned requests that an authorized representative of the local governing body sign the certification below. |
| Applicant'ssignature: | Date: |

|  |
| --- |
| **The undersigned local government representative certifies** 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 et seq.) of Title 15.2. of the Code of Virginia (1950) as amended, as follows: (**Check one block**) |
|  |  | The proposed facility is **fully consistent** with all applicable local ordinances. |
|  |
|  |  | The proposed facility is **inconsistent** with applicable local ordinances; see attached information. |
|  |
| Signature ofauthorized localgovernmentrepresentative: | Date: |
| Type orprint 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 – 2025 AIR PERMIT APPLICATION FEES**

**VALID JANUARY 1, 2025 TO DECEMBER 31, 2025**

|  |
| --- |
| Air permit applications are subject to a fee and fee are adjusted January 1 of each calendar year. **The fee does not apply to administrative amendments or** [true minor sources](https://www.deq.virginia.gov/permits/air). 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. Please contact the Regional Air Permit Manager if you are unsure of your fee amount.** **Step 1:** Send this **ORIGINAL** form and a check (or money order) payable to “Treasurer of Virginia” to:**Department of Environmental Quality Department of Environmental Quality****Receipts Control OR** **Receipts Control****P.O. Box 1104 FOR OVERNIGHT 1111 East Main Street, Suite 1400****Richmond, VA 23218 DELIVERY Richmond, VA 23219****Step 2:** Send a **COPY** of this form with the permit application to the appropriate[**DEQ Regional Office**](https://www.deq.virginia.gov/get-involved/about-us/contact-us)**Step 3:** Retain a copy for your records. Questions should be directed to the DEQ regional office where the application will be submitted |
| **COMPANY NAME:** |  | **FIN:** |  |
|  |  |  |  |
| **COMPANY REPRESENTATIVE:** |  | **EMAIL** |  |
|  |  | **ADDRESS:** |  |
| **MAILING ADDRESS:** |  |  |  |
|  |  |  |  |
| **BUSINESS PHONE:** |  | **FAX:** |  |
|  |  |  |  |
| **FACILITY NAME:** |  | **REGISTRATION** |  |
|  |  | **NUMBER:** |  |
| **PHYSICAL LOCATION:** |  |  |  |
|  |  |  |  |

|  |  |  |
| --- | --- | --- |
| **PERMIT ACTIVITY****AIR PERMIT APPLICATION FEES ARE NOT REFUNDABLEPlease contact the** [**Regional Air Permit Manager**](https://www.deq.virginia.gov/get-involved/about-us/contact-us) **if you are unsure of your fee amount** | **APPLICATION FEE AMOUNT** | **CHECK ONE** |
| **Sources subject to Title V permitting requirements:** |  |
| * Major NSR permit (Articles 7, 8, 9)
 | $86,518 |  |
| * Major NSR permit amendment (Articles 7, 8, 9) **(except administrative)\***
 | $13,733 |  |
| * State major permit (Article 6)
 | $34,332 |  |
| * Title V permit (Articles 1, 3)
 | $48,065 |  |
| * Title V permit renewal (Articles 1, 3)
 | $20,599 |  |
| * Title V permit modification (Articles 1, 3)
 | $5,493 |  |
| * Minor NSR permit (Article 6)
 | $6,866 |  |
| * Minor NSR amendment (Article 6) **(except administrative)\***
 | $3,433 |  |
| * State operating permit (Article 5)
 | $13,733 |  |
| * State operating permit amendment (Article 5) **(except administrative)\***
 | $5,493 |  |
| **Sources subject to Synthetic Minor permitting requirements:** |  |
| * Minor NSR permit (Article 6)
 | $4,119 |  |
| * Minor NSR amendment (Article 6)**\* (except administrative)\***
 | $1,373 |  |
| * State operating permit (Article 5)
 | $6,866 |  |
| * State operating permit amendment (Article 5)**\* (except administrative)\***
 | $3,433 |  |

**\*AIR PERMIT APPLICATION FEES DO NOT APPLY TO ADMINISTRATIVE AMENDMENTS**

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

|  |  |  |  |
| --- | --- | --- | --- |
|  |  |  | **FOR DEQ USE ONLY** |
| [ ] [**SWRO/Abingdon**](https://www.deq.virginia.gov/get-involved/about-us/contact-us/southwest-regional-office) | [ ] [**NRO/Woodbridge**](https://www.deq.virginia.gov/get-involved/about-us/contact-us/northern-regional-office) | [ ] [**PRO/Richmond**](https://www.deq.virginia.gov/get-involved/about-us/contact-us/piedmont-regional-office) | **Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_** |
|  |  |  | **DC #: \_\_\_\_\_\_\_\_\_\_\_\_\_\_** |
| [ ] [**VRO/Harrisonburg**](https://www.deq.virginia.gov/get-involved/about-us/contact-us/valley-regional-office) | [ ] [**BRRO/Roanoke**](https://www.deq.virginia.gov/get-involved/about-us/contact-us/blue-ridge-regional-office) | [ ] [**TRO/Virginia Beach**](https://www.deq.virginia.gov/get-involved/about-us/contact-us/tidewater-regional-office) | **Reg. No.: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** |
|  |  |  |  |
|  |  |  |  |

**APPLICATION FEE FORM DEFINITIONS:**

***Administrative amendment***– An administrative change to a permit issued pursuant to Article 1 (9VAC5-80-50 et seq.), Article 3 (9VAC5-80-360 et seq.), Article 5 (9VAC5-80-800 et seq.), Article 6 (9VAC5-80-1100 et seq.), Article 7 (9VAC5-80-1400 et seq.), Article 8 (9VAC5-80-1605 et seq.), or Article 9 (9VAC5-80-2000 et seq.) of 9VAC5 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 (9VAC5-80-1400 et seq.), Article 8 (9VAC5-80-1605 et seq.), or Article 9 (9VAC5-80-2000 et seq.) of 9VAC5 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 [9VAC5-80-1615](https://law.lis.virginia.gov/admincode/title9/agency5/chapter80/section1615/) 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 CO2 equivalent (CO2e) (9VAC5-85 Part IIl). 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 [9VAC5-80-2010](https://law.lis.virginia.gov/admincode/title9/agency5/chapter80/section2010/) 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](https://law.lis.virginia.gov/admincode/title9/agency5/chapter80/section2010/) would be a major source if they have the potential to emit more than 100 tons per year of NOX 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 (9VAC5-80-1400 et seq.), Article 8 (9VAC5-80-1605 et seq.), or Article 9 (9VAC5-80-2000 et seq.) of 9VAC5 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 (9VAC5-80-1100 et seq.) of 9VAC5 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 (9VAC5-80-1100 et seq.) of 9VAC5 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 CO2e) 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 (9VAC5-80-1100 et seq.) of 9VAC5 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 [9VAC5-80-1615](https://law.lis.virginia.gov/admincode/title9/agency5/chapter80/section1615/).

***State operating permit (SOP)*** – A permit issued under Article 5 (9VAC5-80-800 et seq.) of 9VAC5 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 (9VAC5-80-800 et seq.) of 9VAC5 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 (9VAC5-80-50 et seq.) or Article 3 (9VAC5-80-360 et seq.) of 9VAC5 Chapter 80. Facilities which (1) have the potential to emit of air pollutants above the major source thresholds, listed in [9VAC5-80-60](https://law.lis.virginia.gov/admincode/title9/agency5/chapter80/section60/) 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 CO2 equivalent (CO2e) (9VAC5-85 Part IIl), 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 (9VAC5-80-50 et seq.) or Article 3 (9VAC5-80-360 et seq.) of 9VAC5 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 (9VAC5-80-50 et seq.) of 9VAC5 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 regarding the definition of a true minor source, see [DEQ’s website](https://www.deq.virginia.gov/permits/air).

**Commonwealth of Virginia**

**Department of Environmental Quality**

# AIR PERMIT APPLICATION CHECKLIST

|  |  |  |
| --- | --- | --- |
| **Place a “√”In Boxes Below to Indicate Pages Included with Application Submittal**  | **Application Page Title and Page Number(s)** | **Indicate Number of Copies Included with Application Submittal** |
|  | Local Governing Body Certification Form, Page 2 |  |
|  | Application Fee Form, Page 3 |  |
|  | Document Certification Form, Page 6 |  |
|  | Form 7A General Information, Pages 7-8 |  |
|  | Form 7A Asphalt Plant Information, Pages 9-11 |  |

|  |  |  |
| --- | --- | --- |
| **Place a “√”In Boxes Below to Indicate Attachments Included with Application Submittal** | **Attached Documents****(Use Blank Spaces to Write In Names of any Attachments Not Listed Below)** | **Indicate Number of Copies Included with Application Submittal** |
|  | Map of Site Location |  |
|  | Facility Site Plan |  |
|  | Process Flow Diagram/Schematic |  |
|  | MSDS or CPDS Sheets |  |
|  | Estimated Emission Calculations |  |
|  | Stack Tests |  |
|  | Air Modeling Data |  |
|  | Confidential Information (see Instructions) |  |
|  | BACT Analysis |  |
|  |  |  |
|  |  |  |
|  |  |  |

# 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), 9VAC5-20-230B and 9VAC5-80-1140E.

# GENERAL INFORMATION (Page 1 of 2)

|  |  |  |
| --- | --- | --- |
| 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 **OR** UTM Coordinates of Facility: |
|  |

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

|  |  |  |  |
| --- | --- | --- | --- |
|  |  | State Operating Permit  | This permit is applied for pursuant to provisions of the Virginia |
|  | Administrative Code, 9VAC5 Chapter 80, Article 5 (SOP) |
|  |
|  |  | New Source | This permit is applied for pursuant to the following provisions of the |
|  | Virginia Administrative Code: |
|  |  | Modification of a Source |  |  | 9VAC5 Chapter 80, Article 6 (Minor Sources) |
|  |  |  | 9VAC5 Chapter 80, Article 8 (PSD Major Sources) |
|  |  | Relocation of a Source |  |  | 9VAC5 Chapter 80, Article 9 (Non-Attainment Major Sources) |
|  |
|  |  | Amendment to a Permit Dated: |  | Permit Type: |  | SOP (Art. 5) |  | NSR (Art. 6, 8, 9) |
|  |
|  | Amendment Type: | This amendment is requested pursuant to the provisions of: |
|  |  | Administrative Amendment |  |  | 9VAC5-80-970 (Art. 5 Adm.) |  | 9VAC5-80-1935 (Art. 8 Adm.) |
|  |  | Minor Amendment |  |  | 9VAC5-80-980 (Art. 5 Minor) |  | 9VAC5-80-1945 (Art. 8 Minor) |
|  |  | Significant Amendment |  |  | 9VAC5-80-990 (Art. 5 Sig.) |  | 9VAC5-80-1955 (Art. 8 Sig.) |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  | 9VAC5-80-1270 (Art. 6 Adm.) |  | 9VAC5-80-2210 (Art. 9 Adm.) |
|  |  |  |  |  | 9VAC5-80-1280 (Art. 6 Minor) |  | 9VAC5-80-2220 (Art. 9 Minor) |
|  |  |  |  |  | 9VAC5-80-1290 (Art. 6 Sig.) |  | 9VAC5-80-2230 (Art. 9 Sig.) |
|  |
|  |  | Other (specify): |  |
|  |

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

|  |
| --- |
|  |

# GENERAL INFORMATION (Page 2 of 2)

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

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

|  |
| --- |
|  |

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

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

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

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

**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.

# ASPHALT PLANT INFORMATION (Page 1 of 3)

**Note:** If your plant consists of more than a hot mix asphalt plant, you should use the DEQ - Air Division general Form 7 rather than this application form.

|  |  |  |  |
| --- | --- | --- | --- |
| 1. Company Name:
 |  | 1. Registration No.:
 |  |
|  |
| 1. Aggregate Dryer/Mixer Manufacturer:
 |  |
|  |
| 1. Model number:
 |  | 1. Date of Manufacture:
 |  | 1. Date of Construction:
 |  |
|  |
| 1. Maximum Rated Capacity of Plant:
 |  | tons per hour of hot mix asphalt produced |
|  |
| 1. Type of Plant:
 |  | Batch Mix |  | Parallel Flow Drum Mix |  | Counterflow Drum Mix |
|  |  | Double Barrel Drum Mix |  | Triple Drum Mix |
|  |
| 1. \*Requested Maximum Annual Production Rate:
 | (\***Note:** This value will be used to establish permit limits.) |
|  |  | tons of hot mix asphalt per year |
|  |
| 1. Control Equipment: (use additional pages if necessary.)
 |
|  | Add-on Control Equipment: |  |  |  |
|  Stack No. : |  | Control Type: |  | Baghouse |  | Scrubber | Control Efficiency: |  | % |
|  | Emission Points Controlled: |  |
|  |
|  Stack No. : |  | Control Type: |  | Baghouse |  | Scrubber | Control Efficiency: |  | % |
|  | Emission Points Controlled: |  |
|  |
|  Stack No. : |  | Control Type: |  | Baghouse |  | Scrubber | Control Efficiency: |  | % |
|  | Emission Points Controlled: |  |
|  |
|  | Other Controls (Stack No., Type and Control Efficiency): |  |
|  | Emission Points Controlled: |  |
|  |
| 1. Is there an Aggregate Dryer on site?
 |  | Yes |  | No |  | (MMBtu/hr max heat input capacity)  |
|  Fuels: | (Check and fill in the fuel type, throughput, and content information, as applicable) | Stack No. : |  |
|  |
|  |  | Natural Gas | \*Requested Annual Throughput: |  | million cubic feet per year |
|  |
|  |  | No. 1 or No.2 Distillate Fuel Oil | \*Requested Annual Throughput: |  | thousand gallons per year |
|  |
|  |  | Other: |  |  | Heat Content: |  | MMBtu per |  | (units) |
|  | \*Requested Annual Amount of Fuel Used: |  | (units): |  | @ |  | % \*Sulfur |
|  |  (**\*Note:** This value will be used to establish permit limits.) |
|  |
| 1. Liquid Asphalt Storage Tank Heater on site?
 |  | Yes |  | No |  | (MMBtu/hr max heat input capacity)  |
|  Fuels: | (Check and fill in the fuel type, throughput, and content information, as applicable) | Stack No. : |  |
|  |
|  |  | Natural Gas | \*Requested Annual Throughput: |  | million cubic feet per year |
|  |
|  |  | No. 1 or No.2 Distillate Fuel Oil | \*Requested Annual Throughput: |  | thousand gallons per year |
|  |
|  |  | Other: |  |  | Heat Content: |  | MMBtu per |  | (units) |
|  | \*Requested Annual Amount of Fuel Used: |  | (units): |  | @ |  | \*% Sulfur |
|  |  (**\*Note:** This value will be used to establish permit limits.) |

# ASPHALT PLANT INFORMATION (Page 2 of 3)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 1. Will a generator be used to provide power for plant operations?
 |  | Yes |  | No |
|  |
|  | If yes, the rated capacity is: |  | BHP |  | KW |  | (MMBtu/hr max heat input capacity)  |
|  |
|  | If yes, how is it used: |  | Regularly |  | Peak Shaving |  | Emergency use only (loss of utility power)  |
|  Fuels: | (Check and fill in the fuel type, throughput, and content information, as applicable) | Stack No. : |  |
|  |  | Natural Gas | \*Requested Annual Throughput: |  | million cubic feet per year |
|  |
|  |  | No. 1 or No.2 Distillate Fuel Oil | \*Requested Annual Throughput: |  | thousand gallons per year |
|  |
|  |  | Other: |  |  | Heat Content: |  | MMBtu per |  | (units) |
|  | \*Requested Annual Amount of Fuel Used: |  | (units): |  | @ |  | \*% Sulfur |
|  |  (**\*Note:** These values will be used to establish permit limits.) |
|  |
| 1. Will the plant have hot mix asphalt storage silos on site?
 |  | Yes |  | No | If yes, fill out table below: |
|  | Silo No. | Stack No. | Volume capacity of hot mix silo | Requested annual throughput of hot mix silo |
|  |   |  |  |  |  | tons |  | \*tons per year |
|  |   |  |  |  |  | tons |  | \*tons per year |
|  |   |  |  |  |  | tons |  | \*tons per year |
|  |  (**\*Note:** These values will be used to establish permit limits.) |
|  |
| 1. Are there heaters in the hot mix storage silos?
 |  | Yes |  | No |  | (MMBtu/hr Total heat input capacity)  |
|  |
|  Fuels: | (If yes, list fuel types, total fuel throughput, and fuel heat content.) | List Stack Nos. |  |
|  |
|  |  | Natural Gas | Heat Content: |  | MMBtu per million cubic feet |
|  | \*Total Requested Annual Throughput of Natural Gas: |  | million cubic feet per year |
|  |
|  |  | No. 1 or No. 2 Fuel Oil | Heat Content: |  | MMBtu per thousand gallons |
|  | \*Total Requested Annual Throughput of Fuel Oil: |  | thousand gallons per year |
|  |
|  |  | Other: |  |  | Heat Content: |  | MMBtu per |  | (units i.e. gal, cu ft) |
|  | \*Total Requested Annual Amount of Fuel Used: |  |  |  | (units) per year | @ |  | \*% S |
|  |  (**\*Note:** These values will be used to establish permit limits.) |
|  |
| 1. Will the plant have a lime silo on site?
 |  | Yes |  | No | Stack No : |  |
|  | If yes, what is the volume capacity of the silo? |  | tons of lime |
|  | If yes, what is the requested annual throughput of lime?\* |  | tons of lime per year |
|  |  (**\*Note:** This value will be used to establish permit limits.) |
|  |
| 1. Any other material storage silos on site other than those listed above?
 |  | Yes |  | No | Stack No : |  |
|  | If yes, specify material: |  | (Attach MSDS) |
|  | If yes, what is the requested annual throughput?\* |  | tons per year |
|  | If yes, what is the volume capacity of the silo? |  | tons  |
|  |  (**\*Note:** This value will be used to establish permit limits.) |
|  |
| 1. Will the plant have a recycled asphalt pavement (RAP) crusher on site?
 |  | Yes |  | No | Stack No : |  |
|  | If yes, what is the capacity of the crusher? |  | tons of RAP per hour |
|  | If yes, what is the requested annual throughput of RAP?\* |  | tons of RAP per year |
|  | If yes, please attach crusher information, including the date(s) of manufacture and construction. |
|  | (**\*Note:** This value will be used to establish permit limits.) |

# ASPHALT PLANT (Page 3 of 3)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 1. Are there fuel or volatile organic liquid storage tanks over 10,000 gallons capacity on site?
 |  | Yes |  | No |
|  |
|  | Tank No. |  |  |  | Above ground |  | Below ground | Contents: |  | (attach MSDS) |
|  | Tank Capacity (volume): |  | thousand gallons | \*Annual Throughput: |  | thousand gallons per year |
|  |
|  | Tank No. |  |  |  | Above ground |  | Below ground | Contents: |  | (attach MSDS) |
|  | Tank Capacity (volume): |  | thousand gallons | \*Annual Throughput: |  | thousand gallons per year |
|  |
|  | Tank No. |  |  |  | Above ground |  | Below ground | Contents: |  | (attach MSDS) |
|  | Tank Capacity (volume): |  | thousand gallons | \*Annual Throughput: |  | thousand gallons per year |
|  |  (**\*Note:** These values will be used to establish permit limits.) |
|  |
| 1. Normal Equipment Operating Schedule:
 |
|  |  | Hours per Day |
|  |  | Hours per week |
|  |  | Hours per Year |
|  |
| 1. Percent Annual Production Rate by Season:
 |  |
|  | December through February |  | % |
|  | March through May |  | % |
|  | June through August |  | % |
|  | September through November |  | % |
|  | Total | 100 % |  |

1. Stack/Exhaust Data:

| **Stack No.** | **Process** | **Stack Height****(ft)** | **Exhaust Stack Diameter****(ft)** | **Exit Gas Velocity****(ft/sec)** | **Exit Gas Flow Rate****(acfm)** | **Exit Gas Temp.****(°F)** |
| --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |