



PERMIT
Under the Environmental Conservation Law (ECL)

IDENTIFICATION INFORMATION

Permit Type: Air State Facility
Permit ID: 4-2726-00002/00025
Effective Date: 12/07/2017 Expiration Date: 12/05/2027

Permit Issued To: CUSHING STONE CO INC
1250 Riverfront Ctr
AMSTERDAM, NY 12010

Contact: KIMBERLY MOSHER
CRANESVILLE BLOCK CO INC
1250 RIVERFRONT CTR
AMSTERDAM, NY 12010
(518) 684-6069

Facility: Cranesville Quarry & Asphalt Plant
725 St Rte 5S
Amsterdam, NY 12010

Contact: RONDAL MORGAN
CUSHING STONE COMPANY INC
725 ST HWY 5S
AMSTERDAM, NY 12010
(518) 887-2521

Description:
This permit authorizes the renewal of the facility's air state facility permit. This permit also combines the permitted aggregate processing facility with the permitted asphalt plants into a single Air State Facility permit. There are no new emission sources being constructed as part of this project. The combined facility wide emissions will continue to be capped below their respective major facility thresholds.

By acceptance of this permit, the permittee agrees that the permit is contingent upon strict compliance with the ECL, all applicable regulations, the General Conditions specified and any Special Conditions included as part of this permit.

Permit Administrator: ANGELO A MARCUCCIO
NYSDEC - REGION 4
1130 N WESTCOTT RD
SCHENECTADY, NY 12306-2014

Authorized Signature: _____ Date: ___ / ___ / ____



Notification of Other State Permittee Obligations

Item A: Permittee Accepts Legal Responsibility and Agrees to Indemnification

The permittee expressly agrees to indemnify and hold harmless the Department of Environmental Conservation of the State of New York, its representatives, employees and agents ("DEC") for all claims, suits, actions, and damages, to the extent attributable to the permittee's acts or omissions in connection with the compliance permittee's undertaking of activities in connection with, or operation and maintenance of, the facility or facilities authorized by the permit whether in compliance or not in any compliance with the terms and conditions of the permit. This indemnification does not extend to any claims, suits, actions, or damages to the extent attributable to DEC's own negligent or intentional acts or omissions, or to any claims, suits, or actions naming the DEC and arising under article 78 of the New York Civil Practice Laws and Rules or any citizen suit or civil rights provision under federal or state laws.

Item B: Permittee's Contractors to Comply with Permit

The permittee is responsible for informing its independent contractors, employees, agents and assigns of their responsibility to comply with this permit, including all special conditions while acting as the permittee's agent with respect to the permitted activities, and such persons shall be subject to the same sanctions for violations of the Environmental Conservation Law as those prescribed for the permittee.

Item C: Permittee Responsible for Obtaining Other Required Permits

The permittee is responsible for obtaining any other permits, approvals, lands, easements and rights-of-way that may be required to carry out the activities that are authorized by this permit.

Item D: No Right to Trespass or Interfere with Riparian Rights

This permit does not convey to the permittee any right to trespass upon the lands or interfere with the riparian rights of others in order to perform the permitted work nor does it authorize the impairment of any rights, title, or interest in real or personal property held or vested in a person not a party to the permit.



LIST OF CONDITIONS

DEC GENERAL CONDITIONS

General Provisions

- Facility Inspection by the Department
- Relationship of this Permit to Other Department Orders and Determinations
- Applications for permit renewals, modifications and transfers
- Permit modifications, suspensions or revocations by the Department

Facility Level

- Submission of application for permit modification or renewal-REGION 4 HEADQUARTERS



DEC GENERAL CONDITIONS
****** General Provisions ******
GENERAL CONDITIONS - Apply to ALL Authorized Permits.

Condition 1: Facility Inspection by the Department

Applicable State Requirement: ECL 19-0305

Item 1.1:

The permitted site or facility, including relevant records, is subject to inspection at reasonable hours and intervals by an authorized representative of the Department of Environmental Conservation (the Department) to determine whether the permittee is complying with this permit and the ECL. Such representative may order the work suspended pursuant to ECL 71-0301 and SAPA 401(3).

Item 1.2:

The permittee shall provide a person to accompany the Department's representative during an inspection to the permit area when requested by the Department.

Item 1.3:

A copy of this permit, including all referenced maps, drawings and special conditions, must be available for inspection by the Department at all times at the project site or facility. Failure to produce a copy of the permit upon request by a Department representative is a violation of this permit.

Condition 2: Relationship of this Permit to Other Department Orders and Determinations

Applicable State Requirement: ECL 3-0301 (2) (m)

Item 2.1:

Unless expressly provided for by the Department, issuance of this permit does not modify, supersede or rescind any order or determination previously issued by the Department or any of the terms, conditions or requirements contained in such order or determination.

Condition 3: Applications for permit renewals, modifications and transfers

Applicable State Requirement: 6 NYCRR 621.11

Item 3.1:

The permittee must submit a separate written application to the Department for renewal, modification or transfer of this permit. Such application must include any forms or supplemental information the Department requires. Any renewal, modification or transfer granted by the Department must be in writing.

Item 3.2:

The permittee must submit a renewal application at least 180 days before the expiration of permits for Title V and State Facility Permits.

Item 3.3

Permits are transferrable with the approval of the department unless specifically prohibited by the statute, regulation or another permit condition. Applications for permit transfer should be submitted prior to actual transfer of ownership.



Condition 4: Permit modifications, suspensions or revocations by the Department
Applicable State Requirement: 6 NYCRR 621.13

Item 4.1:

The Department reserves the right to exercise all available authority to modify, suspend, or revoke this permit in accordance with 6NYCRR Part 621. The grounds for modification, suspension or revocation include:

- a) materially false or inaccurate statements in the permit application or supporting papers;
- b) failure by the permittee to comply with any terms or conditions of the permit;
- c) exceeding the scope of the project as described in the permit application;
- d) newly discovered material information or a material change in environmental conditions, relevant technology or applicable law or regulations since the issuance of the existing permit;
- e) noncompliance with previously issued permit conditions, orders of the commissioner, any provisions of the Environmental Conservation Law or regulations of the Department related to the permitted activity.

****** Facility Level ******

Condition 5: Submission of application for permit modification or renewal-REGION 4 HEADQUARTERS
Applicable State Requirement: 6 NYCRR 621.6 (a)

Item 5.1:

Submission of applications for permit modification or renewal are to be submitted to:
NYSDEC Regional Permit Administrator
Region 4 Headquarters
Division of Environmental Permits
1130 North Westcott Rd.
Schenectady, NY 12306-2014
(518) 357-2069

New York State Department of Environmental Conservation

Permit ID: 4-2726-00002/00025

Facility DEC ID: 4272600002



Permit Under the Environmental Conservation Law (ECL)

**ARTICLE 19: AIR POLLUTION CONTROL - AIR STATE FACILITY
PERMIT**

IDENTIFICATION INFORMATION

Permit Issued To: CUSHING STONE CO INC
1250 Riverfront Ctr
AMSTERDAM, NY 12010

Facility: Cranesville Quarry & Asphalt Plant
725 St Rte 5S
Amsterdam, NY 12010

Authorized Activity By Standard Industrial Classification Code:
2951 - PAVING MIXTURES AND BLOCKS

Permit Effective Date: 12/07/2017

Permit Expiration Date: 12/05/2027



LIST OF CONDITIONS

FEDERALLY ENFORCEABLE CONDITIONS

Facility Level

- 1 6 NYCRR 201-7.1: Facility Permissible Emissions
- *2 6 NYCRR 201-7.1: Capping Monitoring Condition
- *3 6 NYCRR 201-7.1: Capping Monitoring Condition
- 4 6 NYCRR 211.1: Air pollution prohibited
- 5 6 NYCRR 211.1: Compliance Demonstration
- 6 6 NYCRR 212-1.6 (a): Compliance Demonstration
- 7 6 NYCRR 212-4.1 (a) (1): Compliance Demonstration
- 8 6 NYCRR 212-4.1 (a) (2): Compliance Demonstration
- 9 6 NYCRR 212-4.1 (b): Compliance Demonstration
- 10 6 NYCRR 225-1.2 (g): Compliance Demonstration
- 11 6 NYCRR 225-1.2 (h): Compliance Demonstration
- 12 40CFR 60, NSPS Subpart A: Applicability of Subpart A General Provisions
- 13 40CFR 60.92(a)(1), NSPS Subpart I: Compliance Demonstration
- 14 40CFR 60.92(a)(1), NSPS Subpart I: Compliance Demonstration
- 15 40CFR 60.92(a)(2), NSPS Subpart I: Compliance Demonstration
- 16 40CFR 60.672(b), NSPS Subpart OOO: Compliance Demonstration
- 17 40CFR 60.672(b), NSPS Subpart OOO: Compliance Demonstration
- 18 40CFR 60.674(b), NSPS Subpart OOO: Compliance Demonstration
- 19 40CFR 60.676(b)(1), NSPS Subpart OOO: Compliance Demonstration

STATE ONLY ENFORCEABLE CONDITIONS

Facility Level

- 20 ECL 19-0301: Contaminant List
- 21 6 NYCRR 201-1.4: Malfunctions and start-up/shutdown activities
- 22 6 NYCRR Subpart 201-5: Emission Unit Definition
- 23 6 NYCRR 201-5.2 (c): Renewal deadlines for state facility permits
- 24 6 NYCRR 201-5.3 (c): Compliance Demonstration
- 25 6 NYCRR 211.2: Visible Emissions Limited
- 26 6 NYCRR 212-2.3 (b): Compliance Demonstration

Emission Unit Level

- 27 6 NYCRR Subpart 201-5: Emission Point Definition By Emission Unit
- 28 6 NYCRR Subpart 201-5: Process Definition By Emission Unit

EU=1-BC001

- 29 6 NYCRR 212-2.3 (b): Compliance Demonstration

EU=1-BC002

- 30 6 NYCRR 212-2.3 (b): Compliance Demonstration

NOTE: * preceding the condition number indicates capping.



FEDERALLY ENFORCEABLE CONDITIONS

****** Facility Level ******

NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS

This section contains terms and conditions which are federally enforceable. Permittees may also have other obligations under regulations of general applicability

Item A: Sealing - 6 NYCRR 200.5

The Commissioner may seal an air contamination source to prevent its operation if compliance with 6 NYCRR Chapter III is not met within the time provided by an order of the Commissioner issued in the case of the violation.

Sealing means labeling or tagging a source to notify any person that operation of the source is prohibited, and also includes physical means of preventing the operation of an air contamination source without resulting in destruction of any equipment associated with such source, and includes, but is not limited to, bolting, chaining or wiring shut control panels, apertures or conduits associated with such source.

No person shall operate any air contamination source sealed by the Commissioner in accordance with this section unless a modification has been made which enables such source to comply with all requirements applicable to such modification.

Unless authorized by the Commissioner, no person shall remove or alter any seal affixed to any contamination source in accordance with this section.

Item B: Acceptable Ambient Air Quality - 6 NYCRR 200.6

Notwithstanding the provisions of 6 NYCRR Chapter III, Subchapter A, no person shall allow or permit any air contamination source to emit air contaminants in quantities which alone or in combination with emissions from other air contamination sources would contravene any applicable ambient air quality standard and/or cause air pollution. In such cases where contravention occurs or may occur, the Commissioner shall specify the degree and/or method of emission control required.

Item C: Maintenance of Equipment - 6 NYCRR 200.7

Any person who owns or operates an air contamination source which is equipped with an emission control device shall operate such device and keep it in a satisfactory state of maintenance and repair in accordance with ordinary and necessary practices, standards and procedures, inclusive of manufacturer's specifications,



required to operate such device effectively.

Item D: Unpermitted Emission Sources - 6 NYCRR 201-1.2

If an existing emission source was subject to the permitting requirements of 6 NYCRR Part 201 at the time of construction or modification, and the owner and/or operator failed to apply for a permit for such emission source then the following provisions apply:

(a) The owner and/or operator must apply for a permit for such emission source or register the facility in accordance with the provisions of Part 201.

(b) The emission source or facility is subject to all regulations that were applicable to it at the time of construction or modification and any subsequent requirements applicable to existing sources or facilities.

Item E: Recycling and Salvage - 6 NYCRR 201-1.7

Where practical, any person who owns or operates an air contamination source shall recycle or salvage air contaminants collected in an air cleaning device according to the requirements of 6 NYCRR.

Item F: Prohibition of Reintroduction of Collected Contaminants to the Air - 6 NYCRR 201-1.8

No person shall unnecessarily remove, handle, or cause to be handled, collected air contaminants from an air cleaning device for recycling, salvage or disposal in a manner that would reintroduce them to the outdoor atmosphere.

Item G: Proof of Eligibility for Sources Defined as Exempt Activities - 6 NYCRR 201-3.2 (a)

The owner and/or operator of an emission source or unit that is eligible to be exempt, may be required to certify that it operates within the specific criteria described in 6 NYCRR Subpart 201-3. The owner or operator of any such emission source must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility which contains emission sources or units subject to 6 NYCRR Subpart 201-3, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations, or law.

Item H: Proof of Eligibility for Sources Defined as Trivial



Activities - 6 NYCRR 201-3.3 (a)

The owner and/or operator of an emission source or unit that is listed as being trivial in 6 NYCRR Part 201 may be required to certify that it operates within the specific criteria described in 6 NYCRR Subpart 201-3. The owner or operator of any such emission source must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility which contains emission sources or units subject to 6 NYCRR Subpart 201-3, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations, or law.

Item I: Required Emission Tests - 6 NYCRR 202-1.1

An acceptable report of measured emissions shall be submitted, as may be required by the Commissioner, to ascertain compliance or noncompliance with any air pollution code, rule, or regulation. Failure to submit a report acceptable to the Commissioner within the time stated shall be sufficient reason for the Commissioner to suspend or deny an operating permit. Notification and acceptable procedures are specified in 6 NYCRR Subpart 202-1.

Item J: Open Fires Prohibitions - 6 NYCRR 215.2

Except as allowed by section 215.3 of 6 NYCRR Part 215, no person shall burn, cause, suffer, allow or permit the burning of any materials in an open fire.

Item K: Permit Exclusion - ECL 19-0305

The issuance of this permit by the Department and the receipt thereof by the Applicant does not and shall not be construed as barring, diminishing, adjudicating or in any way affecting any legal, administrative or equitable rights or claims, actions, suits, causes of action or demands whatsoever that the Department may have against the Applicant for violations based on facts and circumstances alleged to have occurred or existed prior to the effective date of this permit, including, but not limited to, any enforcement action authorized pursuant to the provisions of applicable federal law, the Environmental Conservation Law of the State of New York (ECL) and Chapter III of the Official Compilation of the Codes, Rules and Regulations of the State of New York (NYCRR). The issuance of this permit also shall not in any way affect pending or future enforcement actions under the Clean Air Act brought by the United States or any person.

Item L: Federally Enforceable Requirements - 40 CFR 70.6 (b)

New York State Department of Environmental Conservation

Permit ID: 4-2726-00002/00025

Facility DEC ID: 4272600002



period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility regulated by this Subpart, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations or law.

Item 2.4:

On an annual basis, unless otherwise specified below, beginning one year after the granting of an emissions cap, the responsible official shall provide a certification to the Department that the facility has operated all emission units within the limits imposed by the emission cap. This certification shall include a brief summary of the emissions subject to the cap for that time period and a comparison to the threshold levels that would require compliance with an applicable requirement.

Item 2.5:

The emission of pollutants that exceed the applicability thresholds for an applicable requirement, for which the facility has obtained an emissions cap, constitutes a violation of Part 201 and of the Act.

Item 2.6:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 0NY210-00-0 OXIDES OF NITROGEN

Item 2.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: MONITORING OF PROCESS OR CONTROL
DEVICE PARAMETERS AS SURROGATE

Monitoring Description:

The facility owner or operator shall calculate the monthly emission rate of oxides of nitrogen in order to demonstrate that the facility wide total emissions of oxides of nitrogen are less than or equal to 163,100 pounds on a twelve (12) month rolling total basis.

The facility owner or operator shall calculate monthly using the following formula:

$$(A \times 0.025) + (B \times 0.12) + (C \times 0.026) + (D \times 0.055) = Y$$

Where:

A = Emission Unit 1-BC001 monthly product tonnage when using natural gas

B = Emission Unit 1-BC001 monthly product tonnage when using number 2 fuel oil

C = Emission Unit 1-BC002 monthly product tonnage when using natural gas

D = Emission Unit 1-BC002 monthly product tonnage when



Item 3.4:

On an annual basis, unless otherwise specified below, beginning one year after the granting of an emissions cap, the responsible official shall provide a certification to the Department that the facility has operated all emission units within the limits imposed by the emission cap. This certification shall include a brief summary of the emissions subject to the cap for that time period and a comparison to the threshold levels that would require compliance with an applicable requirement.

Item 3.5:

The emission of pollutants that exceed the applicability thresholds for an applicable requirement, for which the facility has obtained an emissions cap, constitutes a violation of Part 201 and of the Act.

Item 3.6:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

Item 3.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: MONITORING OF PROCESS OR CONTROL
DEVICE PARAMETERS AS SURROGATE

Monitoring Description:

The facility owner or operator shall calculate the monthly emission rate of carbon monoxide in order to demonstrate that the facility wide total emissions of carbon monoxide are less than or equal to 188,224 pounds on a twelve (12) month rolling total basis.

The facility owner or operator shall calculate monthly using the following formula:

$$(A \times 0.40) + (B \times 0.40) + (C \times 0.13) + (D \times 0.13) = Z$$

Where:

A = Emission Unit 1-BC001 monthly product tonnage when using natural gas

B = Emission Unit 1-BC001 monthly product tonnage when using number 2 fuel oil

C = Emission Unit 1-BC002 monthly product tonnage when using natural gas

D = Emission Unit 1-BC002 monthly product tonnage when using number 2 fuel oil

Z = Total monthly carbon monoxide emissions in pounds



Emission Unit: A-00001 Process: 001	Emission Source: CNV14
Emission Unit: A-00001 Process: 001	Emission Source: CNV15
Emission Unit: A-00001 Process: 001	Emission Source: CNV16
Emission Unit: A-00001 Process: 001	Emission Source: CNV17
Emission Unit: A-00001 Process: 001	Emission Source: CNV18
Emission Unit: A-00001 Process: 001	Emission Source: CNV19
Emission Unit: A-00001 Process: 001	Emission Source: CNV20
Emission Unit: A-00001 Process: 001	Emission Source: CNV21
Emission Unit: A-00001 Process: 001	Emission Source: CNV23
Emission Unit: A-00001 Process: 001	Emission Source: CNV24
Emission Unit: A-00001 Process: 001	Emission Source: CNV25
Emission Unit: A-00001 Process: 001	Emission Source: CR001
Emission Unit: A-00001 Process: 001	Emission Source: SC003
Emission Unit: A-00001 Process: 001	Emission Source: SC004
Emission Unit: A-00001 Process: 001	Emission Source: SC005
Emission Unit: A-00001 Process: 001	Emission Source: SC006

Regulated Contaminant(s):
CAS No: 0NY075-00-0 PARTICULATES

New York State Department of Environmental Conservation

Permit ID: 4-2726-00002/00025

Facility DEC ID: 4272600002



Item 6.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL
DEVICE PARAMETERS AS SURROGATE

Monitoring Description:

No person shall cause or allow emissions having an average opacity during any six consecutive minutes of 20 percent or greater from any process emission source, excluding the emission of uncombined water.

In order to demonstrate compliance with this requirement, the facility owner or operator shall conduct a visible emissions observation (determining the presence or absence of visible emissions above those that are normal and in compliance) of all emission points and/or emission sources once per day, during daylight hours and while the facility is in operation, except during periods of extreme weather (fog, snow, rain).

If visible emissions above those that are in compliance are detected, the facility owner or operator shall determine the cause, make the necessary corrections, and verify that the problem has been corrected.

The facility owner or operator shall maintain a record of each observation that includes the date, time, emission point or emission source identifier, the visible emissions noted (if any), and a description of any corrective action taken. If no reading is taken due to weather conditions, the facility owner or operator shall note the weather condition in the log. Records shall be maintained at the facility for a period of at least five years, and must be made available to the Department upon request.

The Department reserves the right to perform or require the performance of a Method 9 opacity evaluation at any time.

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Reference Test Method: EPA Reference Test Method 9

Monitoring Frequency: DAILY

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 7: Compliance Demonstration
Effective between the dates of 12/07/2017 and 12/05/2027

Applicable Federal Requirement: 6 NYCRR 212-4.1 (a) (1)

Item 7.1:

New York State Department of Environmental Conservation

Permit ID: 4-2726-00002/00025

Facility DEC ID: 4272600002



The Compliance Demonstration activity will be performed for the facility:
The Compliance Demonstration applies to:

Emission Unit: 1-BC001

Emission Unit: 1-BC002

Item 7.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of a hot mix asphalt plant must perform an annual tune-up of each burner on each plant which was in operation during that calendar year.

The facility owner or operator shall maintain a record of the date each such tune-up was completed, including a summary of the work that was performed. Such records shall be maintained on site for a period of at least five years from the date of the record, and must be made available to the Department upon request.

Monitoring Frequency: ANNUALLY

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 8: Compliance Demonstration
Effective between the dates of 12/07/2017 and 12/05/2027

Applicable Federal Requirement: 6 NYCRR 212-4.1 (a) (2)

Item 8.1:

The Compliance Demonstration activity will be performed for the facility:
The Compliance Demonstration applies to:

Emission Unit: 1-BC001

Emission Unit: 1-BC002

Item 8.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of a hot mix asphalt plant shall prepare, maintain, and implement a plan that details the introduction or continuation of methods by which to reduce the moisture content of the aggregate stockpile(s) at the facility.

A copy of the plan shall be maintained on site, and must be provided to the Department upon request.

New York State Department of Environmental Conservation

Permit ID: 4-2726-00002/00025

Facility DEC ID: 4272600002



The facility owner or operator shall promptly notify the Department in writing of any changes to the plan prior to implementing them.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 9: Compliance Demonstration
Effective between the dates of 12/07/2017 and 12/05/2027

Applicable Federal Requirement:6 NYCRR 212-4.1 (b)

Item 9.1:

The Compliance Demonstration activity will be performed for the facility:
The Compliance Demonstration applies to:

Emission Unit: 1-BC001

Emission Unit: 1-BC002

Item 9.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

(1) When the burner is to be replaced, and a low NOx burner is not the unit of choice, the owner or operator of a hot mix asphalt plant must provide the Department with an economic feasibility analysis that justifies their decision. The economic analysis must follow an approach acceptable to the Department.

(2) By January 1, 2020, all owners or operators of active plants which have not installed a low NOx burner must have submitted an economic feasibility analysis. A low NOx burner must be installed for that operating year in all instances in which it proves feasible.

(3) Hot mix asphalt production plants which are in a state of inactivity on January 1, 2020, and have not otherwise complied with the requirements of this subdivision by that date must do so prior to continued operation.

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 10: Compliance Demonstration
Effective between the dates of 12/07/2017 and 12/05/2027

Applicable Federal Requirement:6 NYCRR 225-1.2 (g)

New York State Department of Environmental Conservation

Permit ID: 4-2726-00002/00025

Facility DEC ID: 4272600002



Item 10.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 10.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

Owners and/or operators of a stationary combustion installation that fires distillate oil other than number two heating oil are limited to the purchase of distillate oil with 0.0015 percent sulfur by weight or less on or after July 1, 2014. Compliance with this limit will be based on vendor certifications.

Data collected pursuant to this Subpart must be tabulated and summarized in a form acceptable to the Department, and must be retained for at least five years. The owner of a Title V facility must furnish to the Department such records and summaries, on a semiannual calendar basis, within 30 days after the end of the semiannual period. All other facility owners or distributors must submit these records and summaries upon request of the Department.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: DISTILLATES - NUMBER 1 AND NUMBER 2 OIL

Parameter Monitored: SULFUR CONTENT

Upper Permit Limit: 0.0015 percent by weight

Monitoring Frequency: PER DELIVERY

Averaging Method: MAXIMUM - NOT TO BE EXCEEDED AT ANY TIME (INSTANTANEOUS/DISCRETE OR GRAB)

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 11: Compliance Demonstration

Effective between the dates of 12/07/2017 and 12/05/2027

Applicable Federal Requirement:6 NYCRR 225-1.2 (h)

Item 11.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 11.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

Owners and/or operators of a stationary combustion installations that fire distillate oil are limited to the firing of distillate oil with 0.0015 percent sulfur by

New York State Department of Environmental Conservation

Permit ID: 4-2726-00002/00025

Facility DEC ID: 4272600002



weight or less on or after July 1, 2016. Compliance with this limit will be based on vendor certifications.

Data collected pursuant to this Subpart must be tabulated and summarized in a form acceptable to the Department, and must be retained for at least five years. The owner of a Title V facility must furnish to the Department such records and summaries, on a semiannual calendar basis, within 30 days after the end of the semiannual period. All other facility owners or distributors must submit these records and summaries upon request of the Department.

Work Practice Type: PARAMETER OF PROCESS MATERIAL
Process Material: DISTILLATES - NUMBER 1 AND NUMBER 2 OIL
Parameter Monitored: SULFUR CONTENT
Upper Permit Limit: 0.0015 percent by weight
Monitoring Frequency: PER DELIVERY
Averaging Method: MAXIMUM - NOT TO BE EXCEEDED AT ANY TIME (INSTANTANEOUS/DISCRETE OR GRAB)
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 12: Applicability of Subpart A General Provisions
Effective between the dates of 12/07/2017 and 12/05/2027

Applicable Federal Requirement:40CFR 60, NSPS Subpart A

Item 12.1:

This emission source is subject to the applicable general provisions of 40 CFR 60. The facility owner is responsible for complying with all applicable technical, administrative and reporting requirements.

Condition 13: Compliance Demonstration
Effective between the dates of 12/07/2017 and 12/05/2027

Applicable Federal Requirement:40CFR 60.92(a)(1), NSPS Subpart I

Item 13.1:

The Compliance Demonstration activity will be performed for the facility:
The Compliance Demonstration applies to:

Emission Unit: 1-BC001

Emission Unit: 1-BC002

Regulated Contaminant(s):
CAS No: 0NY075-00-0 PARTICULATES

Item 13.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL

New York State Department of Environmental Conservation

Permit ID: 4-2726-00002/00025

Facility DEC ID: 4272600002



DEVICE PARAMETERS AS SURROGATE

Monitoring Description:

The owner or operator of an asphalt plant subject to the requirements of 40 CFR 60 Subpart I shall not cause or allow emissions of particulate matter to the outdoor atmosphere in excess of 0.04 grains per dry standard cubic foot of exhaust gas.

In order to demonstrate continuous compliance with this limit, the facility owner or operator shall conduct daily checks of the pressure drop across the baghouse associated with the asphalt plant when the plant is operating.

The facility owner or operator shall maintain a record of each reading that indicates the date and time of the reading, the pressure drop observed, and any corrective action taken. Such records shall be maintained at the facility for a period of at least five years, and must be made available to the Department upon request.

Parameter Monitored: PRESSURE DROP

Lower Permit Limit: 2 inches of water

Upper Permit Limit: 8 inches of water

Monitoring Frequency: DAILY

Averaging Method: RANGE - NOT TO FALL OUTSIDE OF STATED RANGE AT ANY TIME

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 14: Compliance Demonstration
Effective between the dates of 12/07/2017 and 12/05/2027

Applicable Federal Requirement: 40CFR 60.92(a)(1), NSPS Subpart I

Item 14.1:

The Compliance Demonstration activity will be performed for the facility:
The Compliance Demonstration applies to:

Emission Unit: 1-BC001

Emission Unit: 1-BC002

Regulated Contaminant(s):
CAS No: 0NY075-00-0 PARTICULATES

Item 14.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The owner or operator of an asphalt plant subject to the requirements of 40 CFR 60 Subpart I shall not cause or allow emissions of particulate matter to the outdoor

New York State Department of Environmental Conservation

Permit ID: 4-2726-00002/00025

Facility DEC ID: 4272600002



atmosphere in excess of 0.04 grains per dry standard cubic foot of exhaust gas.

Compliance testing shall be conducted upon request by the Department. When testing is conducted, USEPA Reference Test Method 5 shall be used to determine the particulate matter concentration. The sampling time and sample volume for each run shall be at least 60 minutes and 0.90 dscm (31.8 dscf).

Compliance with this particulate limit also satisfies the particulate matter limit requirement found in 6 NYCRR Part 212-2.5(b) as described in 6 NYCRR Part 212-1.5(e)(1).

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.04 grains per dscf

Reference Test Method: EPA Reference Test Method 5

Monitoring Frequency: UPON REQUEST OF REGULATORY AGENCY

Averaging Method: AVERAGING METHOD - SEE MONITORING DESCRIPTION

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2018.

Subsequent reports are due every 12 calendar month(s).

Condition 15: Compliance Demonstration

Effective between the dates of 12/07/2017 and 12/05/2027

Applicable Federal Requirement: 40CFR 60.92(a)(2), NSPS Subpart I

Item 15.1:

The Compliance Demonstration activity will be performed for the facility:

The Compliance Demonstration applies to:

Emission Unit: 1-BC001

Emission Unit: 1-BC002

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 15.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE

Monitoring Description:

No person shall cause or allow emissions having an average opacity during any six consecutive minutes of 20 percent or greater from any process emission source, excluding the emission of uncombined water.

New York State Department of Environmental Conservation

Permit ID: 4-2726-00002/00025

Facility DEC ID: 4272600002



DESCRIPTION

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 17: Compliance Demonstration

Effective between the dates of 12/07/2017 and 12/05/2027

Applicable Federal Requirement:40CFR 60.672(b), NSPS Subpart OOO

Item 17.1:

The Compliance Demonstration activity will be performed for the facility:

The Compliance Demonstration applies to:

Emission Unit: A-00001

Process: 001

Emission Source: CR02R

Emission Unit: A-00001

Process: 001

Emission Source: SC01R

Emission Unit: A-00001

Process: 001

Emission Source: SC02R

Emission Unit: A-00001

Process: 001

Emission Source: SC09R

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 17.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL
DEVICE PARAMETERS AS SURROGATE

Monitoring Description:

The owner or operator of a nonmetallic mineral processing facility that was constructed after 4/22/2008 shall not cause or allow fugitive emissions which exhibit a 6-minute average opacity greater than 12 percent within 60 days after achieving the maximum production rate at which the affected facility will be operated, but not later than 180 days after initial start-up as required under 40 CFR 60.11.

Compliance with this provision will be determined by conducting an initial performance test according to 40 CFR 60.11 and 40 CFR 60.675 and periodic inspections of water sprays according to 40 CFR 60.674(b) and 40 CFR 60.676(b). The Department may require the completion of subsequent performance tests at any time.

Parameter Monitored: OPACITY

Upper Permit Limit: 12 percent

New York State Department of Environmental Conservation

Permit ID: 4-2726-00002/00025

Facility DEC ID: 4272600002



(i) The owner or operator of the affected facility conducts periodic inspections of the upstream water spray(s) that are responsible for controlling fugitive emissions from the affected facility. These inspections are conducted as described above and in 40 CFR 60.676(b), and

(ii) The owner or operator of the affected facility designates which upstream water spray(s) will be periodically inspected at the time of the initial performance test required under 40 CFR 60.11 and 40 CFR 60.675.

(2) If an affected facility that routinely uses wet suppression water sprays ceases operation of the water sprays or is using a control mechanism to reduce fugitive emissions other than water sprays during the monthly inspection (for example, water from recent rainfall), the logbook entry required under 40 CFR 60.676(b) must specify the control mechanism being used instead of the water sprays.

Monitoring Frequency: MONTHLY

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 19: Compliance Demonstration
Effective between the dates of 12/07/2017 and 12/05/2027

Applicable Federal Requirement:40CFR 60.676(b)(1), NSPS Subpart

OOO

Item 19.1:

The Compliance Demonstration activity will be performed for the facility:
The Compliance Demonstration applies to:

Emission Unit: A-00001
Process: 001

Emission Source: CR02C

Emission Unit: A-00001
Process: 001

Emission Source: SC08C

Emission Unit: A-00001
Process: 001

Emission Source: SC09C

Item 19.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of a nonmetallic mineral processing facility for which construction, modification, or reconstruction commenced on or after April 22, 2008, must

New York State Department of Environmental Conservation

Permit ID: 4-2726-00002/00025

Facility DEC ID: 4272600002



record each periodic inspection of the water spray systems required under 40 60.674(b), including dates and any corrective actions taken, in a logbook (in written or electronic format). The owner or operator must keep the logbook on site and make hard or electronic copies (whichever is requested) of the logbook available to the Department upon request.

Monitoring Frequency: MONTHLY

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY



STATE ONLY ENFORCEABLE CONDITIONS

****** Facility Level ******

NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS

This section contains terms and conditions which are not federally enforceable. Permittees may also have other obligations under regulations of general applicability

Item A: Emergency Defense - 6 NYCRR 201-1.5

An emergency, as defined by subpart 201-2, constitutes an affirmative defense to penalties sought in an enforcement action brought by the Department for noncompliance with emissions limitations or permit conditions for all facilities in New York State.

(a) The affirmative defense of emergency shall be demonstrated through properly signed, contemporaneous operating logs, or other relevant evidence that:

(1) An emergency occurred and that the facility owner or operator can identify the cause(s) of the emergency;

(2) The equipment at the permitted facility causing the emergency was at the time being properly operated and maintained;

(3) During the period of the emergency the facility owner or operator took all reasonable steps to minimize levels of emissions that exceeded the emission standards, or other requirements in the permit; and

(4) The facility owner or operator notified the Department within two working days after the event occurred. This notice must contain a description of the emergency, any steps taken to mitigate emissions, and corrective actions taken.

(b) In any enforcement proceeding, the facility owner or operator seeking to establish the occurrence of an emergency has the burden of proof.

(c) This provision is in addition to any emergency or upset provision contained in any applicable requirement.

Item B: Public Access to Recordkeeping for Facilities With State Facility Permits - 6 NYCRR 201-1.10 (a)

Where facility owners and/or operators keep records pursuant to compliance with the requirements of 6 NYCRR Subpart 201-5.4, and/or the emission capping requirements of 6 NYCRR Subpart 201-7, the Department will make such records available to the public upon request in accordance with 6 NYCRR Part 616 - Public Access to Records.



Facility owners and/or operators must submit the records required to comply with the request within sixty working days of written notification by the Department.

Item C: General Provisions for State Enforceable Permit Terms and Condition - 6 NYCRR Part 201-5

Any person who owns and/or operates stationary sources shall operate and maintain all emission units and any required emission control devices in compliance with all applicable Parts of this Chapter and existing laws, and shall operate the facility in accordance with all criteria, emission limits, terms, conditions, and standards in this permit. Failure of such person to properly operate and maintain the effectiveness of such emission units and emission control devices may be sufficient reason for the Department to revoke or deny a permit.

The owner or operator of the permitted facility must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility regulated by this Subpart, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations or law.

STATE ONLY APPLICABLE REQUIREMENTS

The following conditions are state only enforceable.

Condition 20: Contaminant List
Effective between the dates of 12/07/2017 and 12/05/2027

Applicable State Requirement:ECL 19-0301

Item 20.1:

Emissions of the following contaminants are subject to contaminant specific requirements in this permit(emission limits, control requirements or compliance monitoring conditions).

CAS No: 000050-00-0
Name: FORMALDEHYDE

CAS No: 000071-43-2
Name: BENZENE

CAS No: 000630-08-0
Name: CARBON MONOXIDE

CAS No: 007440-02-0



Name: NICKEL METAL AND INSOLUBLE COMPOUNDS

CAS No: 0NY075-00-0

Name: PARTICULATES

CAS No: 0NY210-00-0

Name: OXIDES OF NITROGEN

Condition 21: Malfunctions and start-up/shutdown activities
Effective between the dates of 12/07/2017 and 12/05/2027

Applicable State Requirement:6 NYCRR 201-1.4

Item 21.1:

(a) The facility owner or operator shall take all necessary and appropriate actions to prevent the emission of air pollutants that result in contravention of any applicable emission standard during periods of start-up, shutdown, or malfunction.

(b) The facility owner or operator shall compile and maintain records of all equipment malfunctions, maintenance, or start-up/shutdown activities when they can be expected to result in an exceedance of any applicable emission standard, and shall submit a report of such activities to the department when requested to do so, or when so required by a condition of a permit issued for the corresponding air contamination source. Such reports shall state whether any violations occurred and, if so, whether they were unavoidable, include the time, frequency and duration of the maintenance and/or start-up/shutdown activities, and an estimate of the emission rates of any air contaminants released. Such records shall be maintained for a period of at least five years and made available for review to department representatives upon request. Facility owners or operators subject to continuous stack monitoring and quarterly reporting requirements need not submit additional reports for equipment maintenance or start-up/shutdown activities for the facility to the department.

(c) In the event that emissions of air contaminants in excess of any emission standard in this Subchapter occur due to a malfunction, the facility owner or operator shall compile and maintain records of the malfunction and notify the department as soon as possible during normal working hours, but not later than two working days after becoming aware that the malfunction occurred. When requested by the department, the facility owner or operator shall submit a written report to the department describing the malfunction, the corrective action taken, identification of air contaminants, and an estimate of the emission rates.

(d) The department may also require the owner or operator to include, in reports described under Subdivisions (b) and (c) of this Section, an estimate of the maximum ground level concentration of each air contaminant emitted and the effect of such emissions.

(e) A violation of any applicable emission standard resulting from start-up, shutdown, or malfunction conditions at a permitted or registered facility may not be subject to an enforcement action by the department and/or penalty if the department determines, in its sole discretion, that such a violation was unavoidable. The actions and recordkeeping and reporting requirements listed above must be adhered to in such circumstances.

Condition 22: Emission Unit Definition



Effective between the dates of 12/07/2017 and 12/05/2027

Applicable State Requirement:6 NYCRR Subpart 201-5

Item 22.1:

The facility is authorized to perform regulated processes under this permit for:

Emission Unit: 1-BC001

Emission Unit Description:

This emission unit consists of a 5-ton Hot Mix Asphalt batch plant. The plant has a 235 ton per hour capacity. Aggregate is metered and conveyed to a rotary dryer. The heated and dried aggregate is classified and fed to a pug mill to be mixed with hot asphaltic cement. Emissions from the rotary dryer, hot screens, hot bins and mixer are ducted to a baghouse (fabric filters, Emission Point 10001). Dust from the baghouse is discharged to a storage silo. Dust from the silo is discharged into trucks about twice a day via a valve and chute (Emission Point 10007).

Item 22.2:

The facility is authorized to perform regulated processes under this permit for:

Emission Unit: 1-BC002

Emission Unit Description:

This emission unit consists of a 300 tons per hour Standard Haven asphaltic concrete drum mix plant. Aggregate is metered and conveyed to the drum mixer. Aggregate and asphalt cement is fed into the drum mixer to be heated and mixed as a parallel flow. The asphaltic concrete is discharged at the end of the drum and conveyed to a storage bin. Emissions are collected at the discharge end of the drum and ducted to a baghouse (fabric filter, Emission Point 10008).

Item 22.3:

The facility is authorized to perform regulated processes under this permit for:

Emission Unit: A-00001

Emission Unit Description:

This emission unit consists of the main aggregate processing plant. The plant contains 4 crushers, 8 screens, 6 bins and multiple conveyors. Power for the equipment is supplied by line power. Dust is controlled by water sprayers on fugitive dust generating processes.

Condition 23: Renewal deadlines for state facility permits
Effective between the dates of 12/07/2017 and 12/05/2027

Applicable State Requirement:6 NYCRR 201-5.2 (c)

Item 23.1:

The owner or operator of a facility having an issued state facility permit shall submit a complete application at least 180 days, but not more than eighteen months, prior to the date of permit

New York State Department of Environmental Conservation

Permit ID: 4-2726-00002/00025

Facility DEC ID: 4272600002



expiration for permit renewal purposes.

Condition 24: Compliance Demonstration
Effective between the dates of 12/07/2017 and 12/05/2027

Applicable State Requirement:6 NYCRR 201-5.3 (c)

Item 24.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 24.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Any reports or submissions required by this permit shall be submitted to the Regional Air Pollution Control Engineer (RAPCE) at the following address:

Division of Air Resources
NYS Dept. of Environmental Conservation
Region 4
1130 N. Westcott Rd.
Schenectady, NY 12306

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2018.

Subsequent reports are due every 12 calendar month(s).

Condition 25: Visible Emissions Limited
Effective between the dates of 12/07/2017 and 12/05/2027

Applicable State Requirement:6 NYCRR 211.2

Item 25.1:

Except as permitted by a specific part of this Subchapter and for open fires for which a restricted burning permit has been issued, no person shall cause or allow any air contamination source to emit any material having an opacity equal to or greater than 20 percent (six minute average) except for one continuous six-minute period per hour of not more than 57 percent opacity.

Condition 26: Compliance Demonstration
Effective between the dates of 12/07/2017 and 12/05/2027

Applicable State Requirement:6 NYCRR 212-2.3 (b)

Item 26.1:

The Compliance Demonstration activity will be performed for the facility:

The Compliance Demonstration applies to:

Emission Unit: 1-BC001

Emission Point: 10001

New York State Department of Environmental Conservation

Permit ID: 4-2726-00002/00025

Facility DEC ID: 4272600002



Emission Unit: 1-BC002

Emission Point: 10008

Item 26.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

In order to demonstrate compliance with the requirements of 6 NYCRR Part 212, the facility owner or operator shall complete construction of the additional stack components for both the batch and drum plants no later than November 30, 2017.

Within 30 days of the completion of work, the facility owner or operator shall submit a written notification to the Department certifying that the work has been completed. The notification shall include the date of completion of the project.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

****** Emission Unit Level ******

Condition 27: Emission Point Definition By Emission Unit
Effective between the dates of 12/07/2017 and 12/05/2027

Applicable State Requirement:6 NYCRR Subpart 201-5

Item 27.1:

The following emission points are included in this permit for the cited Emission Unit:

Emission Unit: 1-BC001

Emission Point: 10001

Height (ft.): 47

Diameter (in.): 54

NYTMN (km.): 4751.551 NYTME (km.): 570.122

Emission Point: 10007

Height (ft.): 12

Diameter (in.): 12

NYTMN (km.): 4751.681 NYTME (km.): 569.951

Item 27.2:

The following emission points are included in this permit for the cited Emission Unit:

Emission Unit: 1-BC002

Emission Point: 10008

Height (ft.): 33

Length (in.): 49

Width (in.): 33



NYTMN (km.): 4751.628 NYTME (km.): 570.059

Condition 28: Process Definition By Emission Unit
Effective between the dates of 12/07/2017 and 12/05/2027

Applicable State Requirement:6 NYCRR Subpart 201-5

Item 28.1:

This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: 1-BC001
Process: BC1 Source Classification Code: 3-05-002-01
Process Description:

This process consists of the production of bituminous concrete (asphaltic concrete) at the batch mix plant with number 2 fuel oil used for fuel. Aggregate is metered and conveyed to a rotary dryer. The heated and dried aggregate is classified and emptied into a pug mill to be mixed with hot asphaltic cement. Emissions from the rotary dryers, elevators, hot screens, hot bins and pug mill are ducted to a fabric filter.

Emission Source/Control: 0001R - Control
Control Type: FABRIC FILTER

Emission Source/Control: S001R - Process
Design Capacity: 235 tons per hour

Item 28.2:

This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: 1-BC001
Process: BC3 Source Classification Code: 3-05-002-01
Process Description:

This process consists of the production of bituminous concrete (asphaltic concrete) at the batch mix plant with natural gas (propane) used for fuel. Aggregate is metered and conveyed to a rotary dryer. The heated and dried aggregate is classified and emptied into a pug mill to be mixed with hot asphaltic cement. Emissions from the rotary dryers, elevators, hot screens and pug mill are ducted to a fabric filter.

Emission Source/Control: 0001R - Control
Control Type: FABRIC FILTER

Emission Source/Control: S001R - Process
Design Capacity: 235 tons per hour

Item 28.3:

This permit authorizes the following regulated processes for the cited Emission Unit:



Emission Unit: 1-BC002
Process: BC2 Source Classification Code: 3-05-002-05

Process Description:
This process consists of the production of bituminous concrete (asphaltic concrete) at the drum mix plant with number 2 fuel oil used for fuel. Aggregate and asphalt cement is fed into the drum mixer, heated and mixed, then discharged onto a conveyor to be transferred to a surge bin. Emissions are collected at the discharge end of the drum mixer and ducted to a baghouse (fabric filter).

Emission Source/Control: 00003 - Control
Control Type: FABRIC FILTER

Emission Source/Control: S0003 - Process
Design Capacity: 300 tons per hour

Item 28.4:

This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: 1-BC002
Process: BC4 Source Classification Code: 3-05-002-05

Process Description:
This process consists of the production of bituminous concrete (asphalt concrete) at the drum mix plant with natural gas (propane) used for fuel. Aggregate and asphaltic cement are fed into the drum mixer, heated and mixed, then discharged into a conveyor to be transferred to a surge bin. Emissions are collected at the discharge end of the drum mixer and ducted to a baghouse (fabric filter).

Emission Source/Control: 00003 - Control
Control Type: FABRIC FILTER

Emission Source/Control: S0003 - Process
Design Capacity: 300 tons per hour

Item 28.5:

This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: A-00001
Process: 001 Source Classification Code: 3-05-020-06

Process Description:
This process consists of stone processing operations at the main aggregate processing plant. Limestone and dolostone is crushed, screened, washed and conveyed through a stationary aggregate processing plant; broken stone is fed into a crusher for primary crushing, conveyed to a triple deck screen, sized and conveyed to a stockpile or surge pile; aggregate from the surge pile is conveyed to a crusher for size reduction, conveyed to a double deck

New York State Department of Environmental Conservation

Permit ID: 4-2726-00002/00025

Facility DEC ID: 4272600002



screen, oversized aggregate is reciprocated back to the crusher, throughs are conveyed either to a double deck screen and onto a stockpile or to double deck screens in parallel: aggregate is split with aggregate moved either to stone bins or oversized going to crushers or conveyed out to triple deck screens (wash tower) and discharged to stone bins or a sand washer.

Emission Source/Control: CR01C - Control
Control Type: DUST SUPPRESSION BY WATER SPRAY

Emission Source/Control: CR02C - Control
Control Type: DUST SUPPRESSION BY WATER SPRAY

Emission Source/Control: CR03C - Control
Control Type: DUST SUPPRESSION BY WATER SPRAY

Emission Source/Control: CR04C - Control
Control Type: DUST SUPPRESSION BY WATER SPRAY

Emission Source/Control: CV17C - Control
Control Type: DUST SUPPRESSION BY WATER SPRAY

Emission Source/Control: CV19C - Control
Control Type: DUST SUPPRESSION BY WATER SPRAY

Emission Source/Control: CV21C - Control
Control Type: DUST SUPPRESSION BY WATER SPRAY

Emission Source/Control: CV22C - Control
Control Type: DUST SUPPRESSION BY WATER SPRAY

Emission Source/Control: SC08C - Control
Control Type: DUST SUPPRESSION BY WATER SPRAY

Emission Source/Control: SC09C - Control
Control Type: DUST SUPPRESSION BY WATER SPRAY

Emission Source/Control: BIN01 - Process
Design Capacity: 75 tons

Emission Source/Control: BIN02 - Process
Design Capacity: 75 tons

Emission Source/Control: BIN03 - Process
Design Capacity: 75 tons

Emission Source/Control: BIN04 - Process
Design Capacity: 75 tons

Emission Source/Control: BIN05 - Process
Design Capacity: 75 tons

New York State Department of Environmental Conservation

Permit ID: 4-2726-00002/00025

Facility DEC ID: 4272600002



Emission Source/Control: BIN06 - Process
Design Capacity: 50 tons

Emission Source/Control: BIN07 - Process
Design Capacity: 50 tons

Emission Source/Control: BIN08 - Process
Design Capacity: 50 tons

Emission Source/Control: BIN09 - Process
Design Capacity: 50 tons

Emission Source/Control: CNV02 - Process
Design Capacity: 30 inches

Emission Source/Control: CNV03 - Process
Design Capacity: 36 inches

Emission Source/Control: CNV04 - Process
Design Capacity: 30 inches

Emission Source/Control: CNV05 - Process
Design Capacity: 30 inches

Emission Source/Control: CNV06 - Process
Design Capacity: 36 inches

Emission Source/Control: CNV07 - Process
Design Capacity: 30 inches

Emission Source/Control: CNV08 - Process
Design Capacity: 24 inches

Emission Source/Control: CNV09 - Process
Design Capacity: 30 inches

Emission Source/Control: CNV10 - Process
Design Capacity: 24 inches

Emission Source/Control: CNV11 - Process
Design Capacity: 18 inches

Emission Source/Control: CNV12 - Process
Design Capacity: 18 inches

Emission Source/Control: CNV13 - Process
Design Capacity: 30 inches

Emission Source/Control: CNV14 - Process
Design Capacity: 30 inches

New York State Department of Environmental Conservation

Permit ID: 4-2726-00002/00025

Facility DEC ID: 4272600002



Emission Source/Control: CNV15 - Process
Design Capacity: 36 inches

Emission Source/Control: CNV16 - Process
Design Capacity: 24 inches

Emission Source/Control: CNV17 - Process
Design Capacity: 30 inches

Emission Source/Control: CNV18 - Process
Design Capacity: 36 inches

Emission Source/Control: CNV19 - Process
Design Capacity: 18 inches

Emission Source/Control: CNV20 - Process
Design Capacity: 30 inches

Emission Source/Control: CNV21 - Process
Design Capacity: 30 inches

Emission Source/Control: CNV22 - Process
Design Capacity: 30 inches

Emission Source/Control: CNV23 - Process
Design Capacity: 20 inches

Emission Source/Control: CNV24 - Process
Design Capacity: 24 inches

Emission Source/Control: CNV25 - Process
Design Capacity: 30 inches

Emission Source/Control: CNV26 - Process
Design Capacity: 30 inches

Emission Source/Control: CNV27 - Process
Design Capacity: 30 inches

Emission Source/Control: CNV28 - Process
Design Capacity: 30 inches

Emission Source/Control: CR001 - Process
Design Capacity: 400 tons per hour

Emission Source/Control: CR003 - Process
Design Capacity: 182 tons per hour

Emission Source/Control: CR004 - Process
Design Capacity: 70 tons per hour

Emission Source/Control: CR02R - Process



New York State Department of Environmental Conservation

Permit ID: 4-2726-00002/00025

Facility DEC ID: 4272600002

Design Capacity: 600 tons per hour

Emission Source/Control: SC003 - Process
Design Capacity: 100 square feet

Emission Source/Control: SC004 - Process
Design Capacity: 100 square feet

Emission Source/Control: SC005 - Process
Design Capacity: 100 square feet

Emission Source/Control: SC006 - Process
Design Capacity: 100 square feet

Emission Source/Control: SC008 - Process
Design Capacity: 160 square feet

Emission Source/Control: SC01R - Process
Design Capacity: 72 square feet

Emission Source/Control: SC02R - Process
Design Capacity: 192 square feet

Emission Source/Control: SC09R - Process
Design Capacity: 160 square feet

Condition 29: Compliance Demonstration
Effective between the dates of 12/07/2017 and 12/05/2027

Applicable State Requirement: 6 NYCRR 212-2.3 (b)

Item 29.1:
The Compliance Demonstration activity will be performed for:

Emission Unit: 1-BC001

Regulated Contaminant(s):
CAS No: 000071-43-2 BENZENE
CAS No: 007440-02-0 NICKEL METAL AND INSOLUBLE
COMPOUNDS
CAS No: 000050-00-0 FORMALDEHYDE

Item 29.2:
Compliance Demonstration shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC
OPERATIONS

Monitoring Description:
The asphaltic concrete production process in the batch plant emits formaldehyde, benzene, and nickel in excess of the mass emission thresholds listed in Table 2 of 6 NYCRR Part 212-2.2. These emissions have been assigned the



following environmental ratings by the Department:

Formaldehyde - A
Benzene - A
Nickel - A

The facility owner or operator is required to demonstrate compliance with the degree of control specified in Table 4 of Subdivision 212-2.3(b) for each of these contaminants. Since the emission rate potential of formaldehyde and benzene is between 0.1 and 1 pounds per hour, 90% control is required for these contaminants. However, it was determined that control of this emission source was not technically feasible at this time. The emission rate of nickel is less than 0.1 pounds per hour, so the facility owner or operator must demonstrate compliance with the annual guideline concentration specified in the Department's DAR-1 guidance document.

As an alternative to demonstrating compliance with the required degree of control in Table 4 of Subdivision 212-2.3(b), a T-BACT analysis was performed to determine if the offsite concentrations of these air contaminants meet the Department's acceptable risk policy as described in the DAR-1 guidance document. This analysis indicated that it was necessary to raise the stack height relative to the nearest structure to increase atmospheric dispersion of these contaminants and reduce the relative risk level associated with these emissions. An increase in stack height of 1.5 times the height of the nearest structure in conjunction with stack parameters such as exit gas velocity were used to make this determination.

The ambient impact modeling performed in support of the T-BACT analysis discussed above was based on a maximum production limit of 340,000 tons of asphaltic concrete per year in the batch plant. Accordingly, the production of asphaltic concrete in the batch plant is limited to 340,000 tons on a 12-month rolling total basis.

The facility owner or operator shall maintain records on site for a period of at least five years that indicate the amount of asphaltic concrete produced in the batch plant during each 12-month period. Such records shall include all necessary information to determine compliance with this condition, and must be made available to the Department upon request.

The facility owner or operator shall conduct an updated dispersion modeling analysis or stack test upon request by

New York State Department of Environmental Conservation

Permit ID: 4-2726-00002/00025

Facility DEC ID: 4272600002



the Department.

Work Practice Type: PROCESS MATERIAL THRUPUT

Process Material: ASPHALTIC CONCRETE

Upper Permit Limit: 340,000 tons per year

Monitoring Frequency: PER BATCH OF PRODUCT/RAW MATERIAL CHANGE

Averaging Method: 12-MONTH TOTAL, ROLLED MONTHLY

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 30: Compliance Demonstration
Effective between the dates of 12/07/2017 and 12/05/2027

Applicable State Requirement: 6 NYCRR 212-2.3 (b)

Item 30.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 1-BC002

Regulated Contaminant(s):

CAS No: 000071-43-2 BENZENE

CAS No: 007440-02-0 NICKEL METAL AND INSOLUBLE

COMPOUNDS

CAS No: 000050-00-0 FORMALDEHYDE

Item 30.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

The asphaltic concrete production process in the drum plant emits formaldehyde, benzene, and nickel in excess of the mass emission thresholds listed in Table 2 of 6 NYCRR Part 212-2.2. These emissions have been assigned the following environmental ratings by the Department:

Formaldehyde - A

Benzene - A

Nickel - A

The facility owner or operator is required to demonstrate compliance with the degree of control specified in Table 4 of Subdivision 212-2.3(b) for each of these contaminants. Since the emission rate potential of formaldehyde and benzene is between 0.1 and 1 pounds per hour, 90% control is required for these contaminants. However, it was determined that control of this emission source was not technically feasible at this time. The emission rate of nickel is less than 0.1 pounds per hour, so the facility



owner or operator must demonstrate compliance with the annual guideline concentration specified in the Department's DAR-1 guidance document.

As an alternative to demonstrating compliance with the required degree of control in Table 4 of Subdivision 212-2.3(b), a T-BACT analysis was performed to determine if the offsite concentrations of these air contaminants meet the Department's acceptable risk policy as described in the DAR-1 guidance document. This analysis indicated that it was necessary to raise the stack height relative to the nearest structure to increase atmospheric dispersion of these contaminants and reduce the relative risk level associated with these emissions. An increase in stack height of 1.5 times the height of the nearest structure in conjunction with stack parameters such as exit gas velocity were used to make this determination.

The ambient impact modeling performed in support of the T-BACT analysis discussed above was based on a maximum production limit of 400,000 tons of asphaltic concrete per year in the drum plant. Accordingly, the production of asphaltic concrete in the drum plant is limited to 400,000 tons on a 12-month rolling total basis.

The facility owner or operator shall maintain records on site for a period of at least five years that indicate the amount of asphaltic concrete produced in the drum plant during each 12-month period. Such records shall include all necessary information to determine compliance with this condition, and must be made available to the Department upon request.

The facility owner or operator shall conduct an updated dispersion modeling analysis or stack test upon request by the Department.

Work Practice Type: PROCESS MATERIAL THRUPUT

Process Material: ASPHALTIC CONCRETE

Upper Permit Limit: 400000 tons per year

Monitoring Frequency: PER BATCH OF PRODUCT/RAW MATERIAL CHANGE

Averaging Method: 12-MONTH TOTAL, ROLLED MONTHLY

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY