



PERMIT
Under the Environmental Conservation Law (ECL)

IDENTIFICATION INFORMATION

Permit Type: Air State Facility
Permit ID: 6-3099-00049/00076
Effective Date: 07/25/2017 Expiration Date: 07/24/2027

Permit Issued To: HANSON AGGREGATES NEW YORK LLC
4800 JAMESVILLE RD
PO BOX 513
JAMESVILLE, NY 13078-0513

Contact: MICHAEL C LEWIS
HANSON AGGREGATES NEW YORK LLC
PO BOX 513
JAMESVILLE, NY 13078-0513
(315) 469-5501

Facility: HANSON - ORISKANY FALLS
ST RTE 12B - W SIDE @ GREEN VEDDER RD
ORISKANY FALLS, NY 13425

Description:

The Department has received a request for a new permit to operate air pollution sources and has drafted pursuant to Article 19 (Air Pollution Control) of the Environmental Conservation Law, an Air State Facility Permit, for the Hanson Oriskany Falls facility located in the Town of Oriskany Falls, Oneida County, New York. This State Facility Permit has been drafted as a replacement for the now outdated format of permitting, Certificates to Operate. This facility is engaged in the mining and processing of limestone rock. The Standard Industrial Classification representative of this facility is 1422, Crushed and Broken Limestone.

This State Facility Permit is for a limestone mine consisting of five (5) emission units. The emission units are organized as follows: Portable hot mix asphalt equipment, Permanent hot mix asphalt equipment, Portable aggregate equipment, Permanent aggregate equipment, and Portable generators. The organization of the emission units was determined to allow for the facility to be more flexible in its day to day operations. Overall a total of 247 sources are permitted for the facility, although it is not expected that all sources will be on site at any given time. Several portable sources have been designated and may be moved and operated at a number of Hanson facilities. The equipment on site includes a number of crushers, screens, conveyors, engines, and hot mix asphalt (HMA) equipment.



The facility will accept caps for carbon monoxide (CO), and oxides of nitrogen (NO_x). Facility wide capping of these emissions are to ensure the facility does not exceed the major facility threshold. Additional monitoring is in place for particulates, VOCs, and sulfur dioxide.

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: TERRY R TYOE
NYSDEC - UTICA SUBOFFICE
207 GENESEE ST
UTICA, NY 13501-2885

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 6 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 6 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 6 Headquarters
Division of Environmental Permits
State Office Building, 317 Washington Street
Watertown, NY 13601-3787
(315) 785-2245

New York State Department of Environmental Conservation

Permit ID: 6-3099-00049/00076

Facility DEC ID: 6309900049



Permit Under the Environmental Conservation Law (ECL)

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

IDENTIFICATION INFORMATION

Permit Issued To: HANSON AGGREGATES NEW YORK LLC
4800 JAMESVILLE RD
PO BOX 513
JAMESVILLE, NY 13078-0513

Facility: HANSON - ORISKANY FALLS
ST RTE 12B - W SIDE @ GREEN VEDDER RD
ORISKANY FALLS, NY 13425

Authorized Activity By Standard Industrial Classification Code:
2951 - PAVING MIXTURES AND BLOCKS
1422 - CRUSHED AND BROKEN LIMESTONE

Permit Effective Date: 07/25/2017

Permit Expiration Date: 07/24/2027



LIST OF CONDITIONS

FEDERALLY ENFORCEABLE CONDITIONS

Facility Level

- 1 6 NYCRR 200.6: Acceptable Ambient Air Quality
- 2 6 NYCRR 200.7: Maintenance of Equipment
- 3 6 NYCRR 201-1.7: Recycling and Salvage
- 4 6 NYCRR 201-1.8: Prohibition of Reintroduction of Collected Contaminants to the air
- 5 6 NYCRR 201-3.2 (a): Exempt Sources - Proof of Eligibility
- 6 6 NYCRR 201-3.3 (a): Trivial Sources - Proof of Eligibility
- 7 6 NYCRR Subpart 201-7: Facility Permissible Emissions
- *8 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- *9 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- 10 6 NYCRR 211.1: Air pollution prohibited
- 11 6 NYCRR 212-1.6 (a): Compliance Demonstration
- 12 6 NYCRR 212-2.4 (b): Compliance Demonstration
- 13 6 NYCRR 212-4.1 (a) (1): Compliance Demonstration
- 14 6 NYCRR 212-4.1 (a) (2): Compliance Demonstration
- 15 6 NYCRR 212-4.1 (b): Compliance Demonstration
- 16 6 NYCRR 225-1.2 (g): Compliance Demonstration
- 17 6 NYCRR 225-1.2 (h): Compliance Demonstration
- 18 6 NYCRR 225-1.2 (i): Compliance Demonstration
- 19 6 NYCRR 225-2.4: Compliance Demonstration
- 20 6 NYCRR 225-2.6 (a): Compliance Demonstration
- 21 6 NYCRR 225-2.6 (d): Purchase of waste fuel prohibitions.
- 22 6 NYCRR 225-2.7 (d): Availability of records for Department inspection.
- 23 6 NYCRR 225-2.7 (e): Sampling and analysis requirements.
- 24 6 NYCRR Part 226: Compliance Demonstration
- 25 40CFR 60.7(a)(6), NSPS Subpart A: Compliance Demonstration
- 26 40CFR 60.8(a), NSPS Subpart A: Performance testing timeline.
- 27 40CFR 60.8(b), NSPS Subpart A: Performance Test Methods - Waiver
- 28 40CFR 60.8(c), NSPS Subpart A: Required performance test information.
- 29 40CFR 60.8(d), NSPS Subpart A: Prior notice.
- 30 40CFR 60.8(e), NSPS Subpart A: Performance testing facilities.
- 31 40CFR 60.8(f), NSPS Subpart A: Number of required tests.
- 32 40CFR 60.93(b), NSPS Subpart I: Test Methods and Procedures
- 33 40CFR 60.675(c)(3), NSPS Subpart OOO: Compliance Demonstration
- 34 40CFR 60.676(a), NSPS Subpart OOO: Reporting and Recordkeeping for Replacement of Equipment
- 35 40CFR 60.676(a), NSPS Subpart OOO: Compliance Demonstration
- 36 40CFR 63, Subpart ZZZZ: Applicability

Emission Unit Level

- 37 6 NYCRR 225-2.3 (b) (3): Compliance Demonstration
- 38 40CFR 60.92(a)(2), NSPS Subpart I: Compliance Demonstration

EU=P-PGENS

- 39 6 NYCRR 227-1.3 (a): Compliance Demonstration

EU=P-PORAG



- 40 40CFR 60.675(c)(1), NSPS Subpart OOO: Modifications to opacity observation techniques
- 41 40CFR 60.676(f), NSPS Subpart OOO: Compliance Demonstration
- 42 40CFR 60.672(b), NSPS Subpart OOO: Compliance Demonstration
- 43 40CFR 60.672(b), NSPS Subpart OOO: Compliance Demonstration

STATE ONLY ENFORCEABLE CONDITIONS

Facility Level

- 44 ECL 19-0301: Contaminant List
- 45 6 NYCRR 201-1.4: Malfunctions and start-up/shutdown activities
- 46 6 NYCRR 201-1.11 (a): Criteria for temporary emission sources
- 47 6 NYCRR Subpart 201-5: Emission Unit Definition
- 48 6 NYCRR 201-5.2 (c): Renewal deadlines for state facility permits
- 49 6 NYCRR 201-5.3 (c): Compliance Demonstration
- 50 6 NYCRR 211.2: Visible Emissions Limited
- 51 6 NYCRR 212-2.1 (a): Compliance Demonstration
- 52 6 NYCRR 212-2.1 (a): Compliance Demonstration

Emission Unit Level

- 53 6 NYCRR Subpart 201-5: Emission Point Definition By Emission Unit
- 54 6 NYCRR Subpart 201-5: Process Definition By Emission Unit

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)



All terms and conditions in this permit required by the Act or any applicable requirement, including any provisions designed to limit a facility's potential to emit, are enforceable by the Administrator and citizens under the Act. The Department has, in this permit, specifically designated any terms and conditions that are not required under the Act or under any of its applicable requirements as being enforceable under only state regulations.

FEDERAL APPLICABLE REQUIREMENTS

The following conditions are federally enforceable.

Condition 1: Acceptable Ambient Air Quality
Effective between the dates of 07/25/2017 and 07/24/2027

Applicable Federal Requirement:6 NYCRR 200.6

Item 1.1:

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.

Condition 2: Maintenance of Equipment
Effective between the dates of 07/25/2017 and 07/24/2027

Applicable Federal Requirement:6 NYCRR 200.7

Item 2.1:

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.

Condition 3: Recycling and Salvage
Effective between the dates of 07/25/2017 and 07/24/2027

Applicable Federal Requirement:6 NYCRR 201-1.7

Item 3.1:

Where practical, the owner or operator of an air contamination source shall recycle or salvage air contaminants collected in an air cleaning device according to the requirements of the ECL.

Condition 4: Prohibition of Reintroduction of Collected Contaminants to the air



Effective between the dates of 07/25/2017 and 07/24/2027

Applicable Federal Requirement:6 NYCRR 201-1.8

Item 4.1:

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.

Condition 5: Exempt Sources - Proof of Eligibility

Effective between the dates of 07/25/2017 and 07/24/2027

Applicable Federal Requirement:6 NYCRR 201-3.2 (a)

Item 5.1:

The owner or operator of an emission source or activity that is listed as being exempt may be required to certify that it is operated within the specific criteria described in this Subpart. The owner or operator of any such emission source or activity must maintain all records necessary for demonstrating compliance with this Subpart on-site for a period of five years, and make them available to representatives of the department upon request.

Condition 6: Trivial Sources - Proof of Eligibility

Effective between the dates of 07/25/2017 and 07/24/2027

Applicable Federal Requirement:6 NYCRR 201-3.3 (a)

Item 6.1:

The owner or operator of an emission source or activity that is listed as being trivial in this Section may be required to certify that it is operated within the specific criteria described in this Subpart. The owner or operator of any such emission source or activity must maintain all required records on-site for a period of five years and make them available to representatives of the department upon request.

Condition 7: Facility Permissible Emissions

Effective between the dates of 07/25/2017 and 07/24/2027

Applicable Federal Requirement:6 NYCRR Subpart 201-7

Item 7.1:

The sum of emissions from the emission units specified in this permit shall not equal or exceed the following

Potential To Emit (PTE) rate for each regulated contaminant:

CAS No: 000630-08-0 PTE: 196,000 pounds per year
Name: CARBON MONOXIDE

CAS No: 0NY210-00-0 PTE: 196,000 pounds per year
Name: OXIDES OF NITROGEN

Condition 8: Capping Monitoring Condition

Effective between the dates of 07/25/2017 and 07/24/2027



Applicable Federal Requirement:6 NYCRR Subpart 201-7

Item 8.1:

Under the authority of 6 NYCRR Part 201-7, this condition contains an emission cap for the purpose of limiting emissions from the facility, emission unit or process to avoid being subject to the following applicable requirement(s) that the facility, emission unit or process would otherwise be subject to:

6 NYCRR Subpart 201-6

6 NYCRR Subpart 227-2

Item 8.2:

Operation of this facility shall take place in accordance with the approved criteria, emission limits, terms, conditions and standards in this permit.

Item 8.3:

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.

Item 8.4:

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 8.5:

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 8.6:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

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

Item 8.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

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

Monitoring Description:

Facility shall limit emissions of oxides of nitrogen (NOx) to no more than 98 tons during any consecutive 12 month period. To demonstrate compliance with this limit



the facility shall perform the following:

Facility shall maintain records of the tons of asphalt produced from emission sources (ES) - HMAE1, HMAE2 & HMAE3, and total number of hours portable generators were operated at the facility on a monthly basis. Facility will insert these recorded values into the equation below to generate a monthly NOx emissions. The most recent calculated monthly NOx emission rate shall be added to the previous 11 month total, to calculate a 12 month NOx emission rate. The annual rolling NOx emission rate shall not exceed 98 tons.

$$\text{Monthly Tons of NO}_x \text{ produced} = [\{ \text{AP-HMAE1} \times 0.12 \text{ lbs/ton} + \text{AP-HMAE2} \times 0.12 \text{ lbs/ton} + \text{AP-HMAE3} \times 0.055 \text{ lbs/ton} \} + \{ \text{GH} \times \text{MER lbs/hr} \}]^*$$

Where:

AP-HMAE1 = Asphalt produced (tons) from ES-HMAE1

AP-HMAE2 = Asphalt produced (tons) from ES-HMAE2

AP-HMAE3 = Asphalt produced (tons) from ES-HMAE3

MER = Manufacturer's NOx Emissions Rating

GH = Portable generator hours

Note(*) - If more than one portable generator is used, the sum of all {GH x MER lbs/hr} will be included in the equation.

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 98 tons per year

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

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 9: Capping Monitoring Condition
Effective between the dates of 07/25/2017 and 07/24/2027

Applicable Federal Requirement: 6 NYCRR Subpart 201-7

Item 9.1:

Under the authority of 6 NYCRR Part 201-7, this condition contains an emission cap for the purpose of limiting emissions from the facility, emission unit or process to avoid being subject to the following applicable requirement(s) that the facility, emission unit or process would otherwise be subject to:



6 NYCRR Subpart 201-6

Item 9.2:

Operation of this facility shall take place in accordance with the approved criteria, emission limits, terms, conditions and standards in this permit.

Item 9.3:

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.

Item 9.4:

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 9.5:

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 9.6:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

Item 9.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

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

Monitoring Description:

Facility shall limit emissions of carbon monoxide (CO) to no more than 98 tons during any consecutive 12 month period. To demonstrate compliance with this limit the facility shall perform the following:

Facility shall maintain records of the tons of asphalt produced from emission sources (ES) - HMAE1, HMAE2 & HMAE3, and total number of hours portable generators were operated at the facility on a monthly basis. Facility shall insert these recorded values in the equation

below to generate monthly CO emissions. The most recent calculated monthly CO emissions shall be added to the

New York State Department of Environmental Conservation

Permit ID: 6-3099-00049/00076

Facility DEC ID: 6309900049



previous 11 month total, to calculate a 12 month CO emission rate. This annual CO emission rate shall not exceed 98 tons.

Monthly Tons of CO produced = $\{ \{ AP-HMAE1 \times 0.40 \text{ lbs/ton} + AP-HMAE2 \times 0.40 \text{ lbs/ton} + AP-HMAE3 \times 0.13 \text{ lbs/ton} \} + \{ GH \times MER \text{ lbs/hr} \}^*$

Where:

AP-HMAE1 = Asphalt produced (tons) from ES-HMAE1

AP-HMAE2 = Asphalt produced (tons) from ES-HMAE2

AP-HMAE3 = Asphalt produced (tons) from ES-HMAE3

MER = Manufacturer's CO Emissions Rating

GH = Portable generator hours

Note(*) - If more than one portable generator is used, the sum of all $\{ GH \times MER \text{ lbs/hr} \}$ will be included in the equation.

Parameter Monitored: CARBON MONOXIDE

Upper Permit Limit: 98 tons per year

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

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 10: Air pollution prohibited
Effective between the dates of 07/25/2017 and 07/24/2027

Applicable Federal Requirement: 6 NYCRR 211.1

Item 10.1:

No person shall cause or allow emissions of air contaminants to the outdoor atmosphere of such quantity, characteristic or duration which are injurious to human, plant or animal life or to property, or which unreasonably interfere with the comfortable enjoyment of life or property. Notwithstanding the existence of specific air quality standards or emission limits, this prohibition applies, but is not limited to, any particulate, fume, gas, mist, odor, smoke, vapor, pollen, toxic or deleterious emission, either alone or in combination with others.

Condition 11: Compliance Demonstration
Effective between the dates of 07/25/2017 and 07/24/2027

Applicable Federal Requirement: 6 NYCRR 212-1.6 (a)

Item 11.1:

New York State Department of Environmental Conservation

Permit ID: 6-3099-00049/00076

Facility DEC ID: 6309900049



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

Emission Unit: P-OFAGG Process: AG1	Emission Source: C10AS
Emission Unit: P-OFAGG Process: AG1	Emission Source: C18AS
Emission Unit: P-OFAGG Process: AG1	Emission Source: C24AS
Emission Unit: P-OFAGG Process: AG1	Emission Source: OCR3A
Emission Unit: P-OFAGG Process: AG1	Emission Source: OF01S
Emission Unit: P-OFAGG Process: AG1	Emission Source: OF02S
Emission Unit: P-OFAGG Process: AG1	Emission Source: OF03S
Emission Unit: P-OFAGG Process: AG1	Emission Source: OF04S
Emission Unit: P-OFAGG Process: AG1	Emission Source: OF05S
Emission Unit: P-OFAGG Process: AG1	Emission Source: OF06S
Emission Unit: P-OFAGG Process: AG1	Emission Source: OF07S
Emission Unit: P-OFAGG Process: AG1	Emission Source: OF08S
Emission Unit: P-OFAGG Process: AG1	Emission Source: OF09S
Emission Unit: P-OFAGG Process: AG1	Emission Source: OF10S
Emission Unit: P-OFAGG Process: AG1	Emission Source: OF11S
Emission Unit: P-OFAGG Process: AG1	Emission Source: OF14S
Emission Unit: P-OFAGG	

New York State Department of Environmental Conservation
Permit ID: 6-3099-00049/00076

Facility DEC ID: 6309900049



Process: AG1	Emission Source: OF15A
Emission Unit: P-OFAGG Process: AG1	Emission Source: OF15S
Emission Unit: P-OFAGG Process: AG1	Emission Source: OF16S
Emission Unit: P-OFAGG Process: AG1	Emission Source: OF17S
Emission Unit: P-OFAGG Process: AG1	Emission Source: OF20S
Emission Unit: P-OFAGG Process: AG1	Emission Source: OF23S
Emission Unit: P-OFAGG Process: AG1	Emission Source: OF24S
Emission Unit: P-OFAGG Process: AG1	Emission Source: OF25S
Emission Unit: P-OFAGG Process: AG1	Emission Source: OF36L
Emission Unit: P-OFAGG Process: AG1	Emission Source: OFC12
Emission Unit: P-OFAGG Process: AG1	Emission Source: OFCR1
Emission Unit: P-OFAGG Process: AG1	Emission Source: OFCR2
Emission Unit: P-OFAGG Process: AG1	Emission Source: OFCR3
Emission Unit: P-OFAGG Process: AG1	Emission Source: OFCR4
Emission Unit: P-OFAGG Process: AG1	Emission Source: OFCR5
Emission Unit: P-OFAGG Process: AG1	Emission Source: OFCR8
Emission Unit: P-OFAGG Process: AG1	Emission Source: OFCRC
Emission Unit: P-OFAGG Process: AG1	Emission Source: OFCST



Emission Unit: P-OFAGG Process: AG1	Emission Source: OFF2P
Emission Unit: P-OFAGG Process: AG1	Emission Source: OFNOR
Emission Unit: P-OFAGG Process: AG1	Emission Source: OFS03
Emission Unit: P-OFAGG Process: AG1	Emission Source: OFS04
Emission Unit: P-OFAGG Process: AG1	Emission Source: OFS05
Emission Unit: P-OFAGG Process: AG1	Emission Source: OFS06
Emission Unit: P-OFAGG Process: AG1	Emission Source: OFS07
Emission Unit: P-OFAGG Process: AG1	Emission Source: OFS08
Emission Unit: P-OFAGG Process: AG1	Emission Source: OFS09
Emission Unit: P-OFAGG Process: AG1	Emission Source: OFS10
Emission Unit: P-OFAGG Process: AG1	Emission Source: OFS11
Emission Unit: P-OFAGG Process: AG1	Emission Source: OFSOU
Emission Unit: P-PORAG Process: AG3	Emission Source: ASTBN
Emission Unit: P-PORAG Process: AG3	Emission Source: KLMEC
Emission Unit: P-PORAG Process: AG3	Emission Source: KLMEP
Emission Unit: P-PORAG Process: AG3	Emission Source: PB11C
Emission Unit: P-PORAG Process: AG3	Emission Source: PB1C1

New York State Department of Environmental Conservation

Permit ID: 6-3099-00049/00076

Facility DEC ID: 6309900049



Emission Unit: P-PORAG Process: AG3	Emission Source: PB1C2
Emission Unit: P-PORAG Process: AG3	Emission Source: PB1C3
Emission Unit: P-PORAG Process: AG3	Emission Source: PB1SC
Emission Unit: P-PORAG Process: AG3	Emission Source: PCC02
Emission Unit: P-PORAG Process: AG3	Emission Source: PCC03
Emission Unit: P-PORAG Process: AG3	Emission Source: PCC04
Emission Unit: P-PORAG Process: AG3	Emission Source: PCN15
Emission Unit: P-PORAG Process: AG3	Emission Source: PCN21
Emission Unit: P-PORAG Process: AG3	Emission Source: PCN23
Emission Unit: P-PORAG Process: AG3	Emission Source: PCN27
Emission Unit: P-PORAG Process: AG3	Emission Source: PCN29
Emission Unit: P-PORAG Process: AG3	Emission Source: PCN31
Emission Unit: P-PORAG Process: AG3	Emission Source: PCN32
Emission Unit: P-PORAG Process: AG3	Emission Source: PCN58
Emission Unit: P-PORAG Process: AG3	Emission Source: PCN59
Emission Unit: P-PORAG Process: AG3	Emission Source: PJW03
Emission Unit: P-PORAG Process: AG3	Emission Source: PPSC1
Emission Unit: P-PORAG	

New York State Department of Environmental Conservation

Permit ID: 6-3099-00049/00076

Facility DEC ID: 6309900049



Process: AG3	Emission Source: PPSD1
Emission Unit: P-PORAG Process: AG3	Emission Source: PPTRC
Emission Unit: P-PORAG Process: AG3	Emission Source: PPTRS
Emission Unit: P-PORAG Process: AG3	Emission Source: PSD02
Emission Unit: P-PORAG Process: AG3	Emission Source: PSD04
Emission Unit: P-PORAG Process: AG3	Emission Source: PSD05
Emission Unit: P-PORAG Process: AG3	Emission Source: PUNIC

Item 11.2:

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, except only the emission of uncombined water. Compliance with this requirement shall be determined by the facility owner/operator conducting a daily survey of visible emissions when the process is in operation. If any visible emissions are identified, corrective action is required. The Department reserves the right to perform or require the performance of a Method 9 opacity evaluation

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Reference Test Method: EPA Method 9

Monitoring Frequency: DAILY

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

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 12: Compliance Demonstration
Effective between the dates of 07/25/2017 and 07/24/2027

Applicable Federal Requirement: 6 NYCRR 212-2.4 (b)

New York State Department of Environmental Conservation

Permit ID: 6-3099-00049/00076

Facility DEC ID: 6309900049



Item 12.1:

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

Emission Unit: P-HMAPT

Emission Unit: P-OFHMA

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

Item 12.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

No facility owner or operator shall cause or allow emissions of particulate that exceed 0.030 grains per cubic foot of exhaust gas, expressed at standard conditions on a dry gas basis, except in instances where determination of permissible emission rate using process weight for a specific source category emitting solid particulate is based upon table 5 and table 6 of subdivisions 212-2.5(a) and (b) of this Subpart. Emissions testing shall be conducted once during the term of this permit to demonstrate compliance

Upper Permit Limit: 0.030 grains per dscf

Reference Test Method: Method 5

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 13: Compliance Demonstration
Effective between the dates of 07/25/2017 and 07/24/2027

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

Item 13.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 13.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

A tune-up must be performed on the dryer burner on an annual basis at any hot mix asphalt production plant that is in operation during that calendar year.

New York State Department of Environmental Conservation

Permit ID: 6-3099-00049/00076

Facility DEC ID: 6309900049



Monitoring Frequency: ANNUALLY

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 14: Compliance Demonstration

Effective between the dates of 07/25/2017 and 07/24/2027

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

Item 14.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 14.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The facility must have a plan which details the introduction or continuation of methods by which to reduce the moisture content of the aggregate stockpile(s). The facility shall perform self-inspections to monitor compliance with the plan.

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 15: Compliance Demonstration

Effective between the dates of 07/25/2017 and 07/24/2027

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

Item 15.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 15.2:

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

New York State Department of Environmental Conservation

Permit ID: 6-3099-00049/00076

Facility DEC ID: 6309900049



complied with the requirements of this subdivision by that date must do so prior to continued operation.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 16: Compliance Demonstration
Effective between the dates of 07/25/2017 and 07/24/2027

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

Item 16.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 16.2:

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 17: Compliance Demonstration
Effective between the dates of 07/25/2017 and 07/24/2027

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

New York State Department of Environmental Conservation

Permit ID: 6-3099-00049/00076

Facility DEC ID: 6309900049



Item 17.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 17.2:

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 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 18: Compliance Demonstration

Effective between the dates of 07/25/2017 and 07/24/2027

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

Item 18.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 18.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

Owners and/or operators of any stationary combustion installation that fires waste oil on or after July 1, 2014 are limited to the firing of waste oil with 0.75 percent sulfur by weight or less.

New York State Department of Environmental Conservation

Permit ID: 6-3099-00049/00076

Facility DEC ID: 6309900049



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: WASTE OIL

Parameter Monitored: SULFUR CONTENT

Upper Permit Limit: 0.75 percent by weight

Monitoring Frequency: PER BATCH OF PRODUCT/RAW MATERIAL CHANGE

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

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 19: Compliance Demonstration
Effective between the dates of 07/25/2017 and 07/24/2027

Applicable Federal Requirement:6 NYCRR 225-2.4

Item 19.1:

The Compliance Demonstration activity will be performed for the facility:

The Compliance Demonstration applies to:

Emission Unit: P-HMAPT

Emission Unit: P-OFHMA

Item 19.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Waste oil may be burned as an alternate to No. 2 fuel oil in the aggregate dryers associated with 2 emission units subject to the following provisions:

1. Hanson shall comply with all New York state and federal regulatory requirements concerning the combustion of waste oil and maintain records of quantity of all waste oil received and/or fired at the facility.

2. To ensure that the waste oil burned meets the definition of "Waste Fuel A", as set forth in paragraph 225-2.2(b)(9) of 6 NYCRR 225-2, Hanson shall maintain a record of the analyses certified by the supplier of all



waste oil burned. Each analysis shall include the following parameters:

- a, Concentration of total Halogens
- b, Concentration of PCBs

- c, Concentration of Lead

- d, Sulfur content

- e, Gross heat content

3. The above parameters, for all waste oil burned, shall meet the following criteria:

- a, total halogens shall not exceed 1,000 ppm

- b, PCB content shall not exceed 50 ppm

- c, Lead content shall not exceed 250 ppm

- d, Sulfur content shall not exceed 1.5% by weight
- e, Heat content shall be at least 125,000 Btu/gallon.

These records shall be kept on site for a period of at least five(5) years.

Monitoring Frequency: PER DELIVERY
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 20: Compliance Demonstration
Effective between the dates of 07/25/2017 and 07/24/2027

Applicable Federal Requirement:6 NYCRR 225-2.6 (a)

Item 20.1:
The Compliance Demonstration activity will be performed for the facility:
The Compliance Demonstration applies to:

Emission Unit: P-HMAPT

Item 20.2:
Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Fuel oil and waste oil, except such fuel containing 50 ppm or more by weight of polychlorinated biphenyls (PCB),

New York State Department of Environmental Conservation

Permit ID: 6-3099-00049/00076

Facility DEC ID: 6309900049



may be blended to meet the limitations of Table 2-1 6
NYCRR Part 225-2.4. Blending must be performed prior to
delivery of the fuel to a facility burning waste fuel A.

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 21: Purchase of waste fuel prohibitions.
Effective between the dates of 07/25/2017 and 07/24/2027

Applicable Federal Requirement:6 NYCRR 225-2.6 (d)

Item 21.1: No owner or operator of a facility proposing to burn waste fuel or transporter of waste fuel may purchase, accept delivery, pick up or accept in trade any waste fuel unless the facility is receiving or proposing to burn waste fuel that that meets the applicable requirements of this Subpart and the regulations promulgated pursuant to article 27, titles 7 and 9 and article 23, title 23 of the ECL and the transporter of the waste fuel is permitted under 6 NYCRR Part 364.

Condition 22: Availability of records for Department inspection.
Effective between the dates of 07/25/2017 and 07/24/2027

Applicable Federal Requirement:6 NYCRR 225-2.7 (d)

Item 22.1:

Any person required to maintain and retain records pursuant to this section must make such records available for inspection by the commissioner or his representative during normal business hours. Such person(s) must furnish copies of such records to the commissioner or his representative upon request.

Condition 23: Sampling and analysis requirements.
Effective between the dates of 07/25/2017 and 07/24/2027

Applicable Federal Requirement:6 NYCRR 225-2.7 (e)

Item 23.1:

Sampling and analysis of waste fuel samples must be carried out in accordance with methods acceptable to the commissioner.

Condition 24: Compliance Demonstration
Effective between the dates of 07/25/2017 and 07/24/2027

Applicable Federal Requirement:6 NYCRR Part 226

Item 24.1:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):
CAS No: 0NY998-00-0 VOC



Item 24.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

6NYCRR 226. Requirements for Cold Cleaning Degreasers
(Non Title V after 12/31/2003)

A. Equipment Specifications

The following types of control equipment must be used when conducting cold cleaning degreasing, solvent metal cleaning:

- (1) A cover which can be operated easily.
- (2) An internal drainage facility (under cover), if practical.
- (3) A control system that limits VOC emissions to those achievable with equipment having a freeboard ratio greater than or equal to 0.5, or a water cover when the solvent is insoluble in and heavier than water. This does not apply to remote reservoir degreasers.
- (4) Solvent with a vapor pressure of 1.0 mm Hg, or less, at 20 C.

B. Operating Requirements:

When cold cleaning, the clean parts must be drained at least 15 seconds or until dripping ceases.

C. General Requirements:

A Person conducting solvent metal cleaning must:

- (1) Store solvent in covered containers and transfer or dispose of waste solvent in such a manner that less than 20 percent of the waste solvent (by weight) can evaporate into the atmosphere.
- (2) Maintain equipment to minimize leaks and fugitive emissions.
- (3) Display at the equipment location a conspicuous summary of proper operating procedures consistent with minimizing emissions of VOCs.
- (4) Keep the degreaser cover closed except when:
 - (a) parts are being placed into or being removed from the degreaser;
 - (b) adding or removing solvent from the degreaser;
 - (c) no solvent is in the degreaser; or
 - (d) when manually cleaning metal parts in the cold cleaning degreaser.
- (5) Create and retain a record of solvent consumption for five years. This record must be made available to the Department upon request.



(6) Not clean sponges, fabric, wood, leather, paper products and other absorbent materials in a degreaser.

(7) If using a cold cleaning degreaser that is subject to paragraph 226.3(a)(4), retain a record of the following three items for five years and provide these records to the Department upon request. An invoice, a bill of sale, a certificate covering multiple sales, a Material Safety Data Sheet (MSDS), or other appropriate documentation acceptable to the Department may be used to comply with this requirement.

(a) the name and address of the solvent supplier;

(b) the type of solvent including the product or vendor identification number; and

(c) the vapor pressure of the solvent measured in mm Hg at 20 °C (68 °F).

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 25: Compliance Demonstration
Effective between the dates of 07/25/2017 and 07/24/2027

Applicable Federal Requirement:40CFR 60.7(a)(6), NSPS Subpart A

Item 25.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 25.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Any owner or operator subject to the provisions of 40 CFR 60 shall furnish the Administrator written notification or, if acceptable to both the Administrator and the owner or operator of a source, electronic notification, as follows:

A notification of the anticipated date for conducting the opacity observations required by 40 CFR 60.11(e)(1). The notification shall also include, if appropriate, a request for the Administrator to provide a visible emissions reader during a performance test. The notification shall be postmarked not less than 30 days prior to such date.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 26: Performance testing timeline.
Effective between the dates of 07/25/2017 and 07/24/2027



Applicable Federal Requirement:40CFR 60.8(a), NSPS Subpart A

Item 26.1:

Within 60 days after achieving the maximum production rate, but not later than 180 days after initial startup of the facility, the owner or operator of the facility shall conduct performance testing and provide the results of such tests, in a written report, to the Administrator.

Condition 27: Performance Test Methods - Waiver
Effective between the dates of 07/25/2017 and 07/24/2027

Applicable Federal Requirement:40CFR 60.8(b), NSPS Subpart A

Item 27.1:

Performance testing shall be conducted in accordance with the methods and procedures prescribed in 40 CFR Part 60 unless the Administrator (1) specifies or approves, in specific cases, the use of a reference method with minor changes in methodology, (2) approves the use of an equivalent method, (3) approves the use of an alternate method the results of which he has determined to be adequate for indicating whether a specific source is in compliance, (4) waives the requirement for performance tests because the owner or operator of a source has demonstrated by other means to the Administrator's satisfaction that the affected facility is in compliance with the standard, or (5) approves shorter sampling times and smaller sample volumes when necessitated by process variables or other factors.

Condition 28: Required performance test information.
Effective between the dates of 07/25/2017 and 07/24/2027

Applicable Federal Requirement:40CFR 60.8(c), NSPS Subpart A

Item 28.1:

Performance tests shall be conducted under such conditions specified by the Administrator, based upon representative performance data supplied by the owner or operator of the facility.

Condition 29: Prior notice.
Effective between the dates of 07/25/2017 and 07/24/2027

Applicable Federal Requirement:40CFR 60.8(d), NSPS Subpart A

Item 29.1:

The owner or operator shall provide the Administrator with prior notice of any performance test at least 30 days in advance of testing.

Condition 30: Performance testing facilities.
Effective between the dates of 07/25/2017 and 07/24/2027

Applicable Federal Requirement:40CFR 60.8(e), NSPS Subpart A

Item 30.1:

The following performance testing facilities shall be provided during all tests:

- 1) sampling ports adequate for tests methods applicable to such facility;
- 2) a safe sampling platform;



3) a safe access to the sampling platform; and

4) utilities for sampling and testing equipment.

Condition 31: Number of required tests.

Effective between the dates of 07/25/2017 and 07/24/2027

Applicable Federal Requirement:40CFR 60.8(f), NSPS Subpart A

Item 31.1:

Each performance test shall consist of three separate runs, at the specified duration required in the applicable test method. Compliance with all applicable standards shall be determined by using the arithmetic means of the results of the three runs.

Condition 32: Test Methods and Procedures

Effective between the dates of 07/25/2017 and 07/24/2027

Applicable Federal Requirement:40CFR 60.93(b), NSPS Subpart I

Item 32.1:

This Condition applies to:

Emission Unit: PHMAPT

Emission Unit: POFHMA

Item 32.2:

The owner or operator shall determine compliance with the particulate matter standards in 40 CFR 60.92 as follows:

(1) 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).

(2) Method 9 and the procedures in 40 CFR 60.11 shall be used to determine opacity.

Condition 33: Compliance Demonstration

Effective between the dates of 07/25/2017 and 07/24/2027

Applicable Federal Requirement:40CFR 60.675(c)(3), NSPS Subpart

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Item 33.1:

The Compliance Demonstration activity will be performed for the facility:

The Compliance Demonstration applies to:

Emission Unit: P-OFAGG

Emission Unit: P-PORAG

Regulated Contaminant(s):

New York State Department of Environmental Conservation

Permit ID: 6-3099-00049/00076

Facility DEC ID: 6309900049



CAS No: 0NY075-00-0 PARTICULATES

Item 33.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

When determining compliance with the fugitive emissions standard for any affected facility described under §60.672(b) or §60.672(e)(1) of this subpart, the duration of the Method 9 (40 CFR part 60, appendix A-4) observations must be 30 minutes (five 6-minute averages). Compliance with the applicable fugitive emission limits in Table 3 of this subpart must be based on the average of the five 6-minute averages.

Reference Test Method: Method 9

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 34: Reporting and Recordkeeping for Replacement of Equipment Effective between the dates of 07/25/2017 and 07/24/2027

Applicable Federal Requirement:40CFR 60.676(a), NSPS Subpart OOO

Item 34.1:

This Condition applies to:

Emission Unit: POFAGG

Emission Unit: PPORAG

Item 34.2:

Each owner or operator seeking to comply with 40 CFR Part 60.670(d) shall submit to the Administrator the following information about the existing facility being replaced and the replacement piece of equipment.

(1) For a crusher, grinding mill, bucket elevator, bagging operation, or enclosed truck or railcar loading station:

(i) The rated capacity in megagrams or tons per hour of the existing facility being replaced and

(ii) The rated capacity in tons per hour of the replacement equipment.

(2) For a screening operation:

(i) The total surface area of the top screen of the existing screening operation being replaced and

(ii) The total surface area of the top screen of the replacement screening operation.



(3) For a conveyor belt:

(i) The width of the existing belt being replaced and

(ii) The width of the replacement conveyor belt.

(4) For a storage bin:

(i) The rated capacity in megagrams or tons of the existing storage bin being replaced and

(ii) The rated capacity in megagrams or tons of replacement storage bins.

Condition 35: Compliance Demonstration
Effective between the dates of 07/25/2017 and 07/24/2027

Applicable Federal Requirement:40CFR 60.676(a), NSPS Subpart OOO

Item 35.1:

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

Emission Unit: P-OFAGG

Emission Unit: P-PORAG

Item 35.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

All items listed in 60.676(a) shall be reported no later than 60 days before actual reconstruction or replacement commences.

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 36: Applicability
Effective between the dates of 07/25/2017 and 07/24/2027

Applicable Federal Requirement:40CFR 63, Subpart ZZZZ

Item 36.1:

This Condition applies to:

Emission Unit: PPGENS

Item 36.2:

Facilities that have reciprocating internal combustion engines must comply with applicable portions of 40 CFR 63 subpart ZZZZ.



**** Emission Unit Level ****

Condition 37: Compliance Demonstration
Effective between the dates of 07/25/2017 and 07/24/2027

Applicable Federal Requirement: 6 NYCRR 225-2.3 (b) (3)

Item 37.1:

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

Emission Unit: P-HMAPT

Emission Unit: P-OFHMA

Item 37.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

At a minimum, this process must demonstrate to the Department, that it can operate at a combustion efficiency of at least 99 percent while burning waste fuel A.

Parameter Monitored: COMBUSTION EFFICIENCY

Lower Permit Limit: 99 percent

Reference Test Method: EPA Method X

Averaging Method: MINIMUM - NOT TO FALL BELOW STATED
VALUE AT ANY TIME

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 38: Compliance Demonstration
Effective between the dates of 07/25/2017 and 07/24/2027

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

Item 38.1:

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

Emission Unit: P-HMAPT

Emission Unit: P-OFHMA

Item 38.2:

Compliance Demonstration shall include the following monitoring:

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

New York State Department of Environmental Conservation

Permit ID: 6-3099-00049/00076

Facility DEC ID: 6309900049



Monitoring Description:

No person shall cause or allow emissions having an average opacity during any six consecutive minutes of 20 percent or greater. Performance testing to demonstrate the compliance status of this emission source shall be performed at the monitoring frequency shown below.

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Reference Test Method: EPA RM 9

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 39: Compliance Demonstration
Effective between the dates of 07/25/2017 and 07/24/2027

Applicable Federal Requirement: 6 NYCRR 227-1.3 (a)

Item 39.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: P-PGENS

Item 39.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

No person shall operate a stationary combustion installation which exhibits greater than 20 percent opacity (six minute average), except for one-six-minute period per hour of not more than 27 percent opacity.

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

The permittee will conduct observations of visible emissions from the emission unit, process, etc. to which this condition applies at the monitoring frequency stated below while the process is in operation. The permittee will investigate, in a timely manner, any instance where there is cause to believe that visible emissions have the potential to exceed the opacity standard.

The permittee shall investigate the cause, make any necessary corrections, and verify that the excess visible emissions problem has been corrected. If visible emissions with the potential to exceed the standard continue, the permittee will conduct a Method 9 assessment within the next operating day of the sources associated with the potential noncompliance to determine the degree



of opacity and will notify the NYSDEC if the method 9 test indicates that the opacity standard is not met.

Records of visible emissions observations (or any follow-up method 9 tests), investigations and corrective actions will be kept on-site. Should the Department determine that permittee's record keeping format is inadequate to demonstrate compliance with this condition, it shall provide written notice to the permittee stating the inadequacies, and permittee shall have 90 days to revise its prospective record keeping format in a manner acceptable to the Department.

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Reference Test Method: EPA Method 9

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 40: Modifications to opacity observation techniques
Effective between the dates of 07/25/2017 and 07/24/2027**

Applicable Federal Requirement:40CFR 60.675(c)(1), NSPS Subpart

OOO

Item 40.1:

This Condition applies to:

Emission Unit: POFAGG

Emission Unit: PPORAG

Item 40.1:

This Condition applies to Emission Unit: P-PORAG

Item 40.2.3:

In determining compliance with the particulate matter standards in 40 CFR 60.672 (b) and (c), the owner or operator shall use Method 9 and the procedures in 40 CFR 60.11, with the following additions:

(i) The minimum distance between the observer and the emission source shall be 4.57 meters (15 feet).

(ii) The observer shall, when possible, select a position that minimizes interference from other fugitive emission sources (e.g., road dust). The required observer position relative to the sun (Method 9, Section 2.1) must be followed.

(iii) For affected facilities using wet dust suppression for particulate matter control, a visible mist is sometimes generated by the spray. The water mist must not be confused with particulate matter emissions and is not to be considered a visible emission. When a water mist of this nature

New York State Department of Environmental Conservation

Permit ID: 6-3099-00049/00076

Facility DEC ID: 6309900049



is present, the observation of emissions is to be made at a point in the plume where the mist is no longer visible.

Condition 41: Compliance Demonstration
Effective between the dates of 07/25/2017 and 07/24/2027

Applicable Federal Requirement:40CFR 60.676(f), NSPS Subpart OOO

Item 41.1:

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

Emission Unit: P-OFAGG

Emission Unit: P-PORAG

Item 41.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of any affected facility shall submit written reports of the results of all performance tests conducted to demonstrate compliance with the standards set forth in 40 CFR 60.672, including reports of opacity observations made using Method 9 to demonstrate compliance with 40 CFR 60.672(b), (c), and (f), and reports of observations using Method 22 to demonstrate compliance with 40 CFR 60.672(e)

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 42: Compliance Demonstration
Effective between the dates of 07/25/2017 and 07/24/2027

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

Item 42.1:

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

Emission Unit: P-OFAGG

Process: AG1

Emission Source: BF05S

Emission Unit: P-OFAGG

Process: AG1

Emission Source: BFALL

Emission Unit: P-OFAGG

Process: AG1

Emission Source: C36SH



Emission Unit: P-OFAGG Process: AG1	Emission Source: OF18S
Emission Unit: P-OFAGG Process: AG1	Emission Source: OF19S
Emission Unit: P-OFAGG Process: AG1	Emission Source: OF21S
Emission Unit: P-OFAGG Process: AG1	Emission Source: OF26S
Emission Unit: P-OFAGG Process: AG1	Emission Source: OFC01
Emission Unit: P-OFAGG Process: AG1	Emission Source: OFC02
Emission Unit: P-OFAGG Process: AG1	Emission Source: OFC03
Emission Unit: P-OFAGG Process: AG1	Emission Source: OFC04
Emission Unit: P-OFAGG Process: AG1	Emission Source: OFC05
Emission Unit: P-OFAGG Process: AG1	Emission Source: OFC06
Emission Unit: P-OFAGG Process: AG1	Emission Source: OFC07
Emission Unit: P-OFAGG Process: AG1	Emission Source: OFC08
Emission Unit: P-OFAGG Process: AG1	Emission Source: OFC09
Emission Unit: P-OFAGG Process: AG1	Emission Source: OFC10
Emission Unit: P-OFAGG Process: AG1	Emission Source: OFC11
Emission Unit: P-OFAGG Process: AG1	Emission Source: OFC13
Emission Unit: P-OFAGG Process: AG1	Emission Source: OFC14
Emission Unit: P-OFAGG	

New York State Department of Environmental Conservation
Permit ID: 6-3099-00049/00076 Facility DEC ID: 6309900049



Process: AG1	Emission Source: OFC4A
Emission Unit: P-OFAGG Process: AG1	Emission Source: OFCAC
Emission Unit: P-OFAGG Process: AG1	Emission Source: OFCDC
Emission Unit: P-OFAGG Process: AG1	Emission Source: OFCRW
Emission Unit: P-OFAGG Process: AG1	Emission Source: OFF1P
Emission Unit: P-OFAGG Process: AG1	Emission Source: OFF3P
Emission Unit: P-OFAGG Process: AG1	Emission Source: OFS01
Emission Unit: P-OFAGG Process: AG1	Emission Source: OFS02
Emission Unit: P-PORAG Process: AG3	Emission Source: 356C1
Emission Unit: P-PORAG Process: AG3	Emission Source: 356C2
Emission Unit: P-PORAG Process: AG3	Emission Source: 356C3
Emission Unit: P-PORAG Process: AG3	Emission Source: 356C4
Emission Unit: P-PORAG Process: AG3	Emission Source: 356C5
Emission Unit: P-PORAG Process: AG3	Emission Source: BPOC1
Emission Unit: P-PORAG Process: AG3	Emission Source: COMC1
Emission Unit: P-PORAG Process: AG3	Emission Source: COMC2
Emission Unit: P-PORAG Process: AG3	Emission Source: COMEP
Emission Unit: P-PORAG Process: AG3	Emission Source: H21C1



Emission Unit: P-PORAG Process: AG3	Emission Source: H21C2
Emission Unit: P-PORAG Process: AG3	Emission Source: H21C3
Emission Unit: P-PORAG Process: AG3	Emission Source: H21SD
Emission Unit: P-PORAG Process: AG3	Emission Source: H41C1
Emission Unit: P-PORAG Process: AG3	Emission Source: H41C2
Emission Unit: P-PORAG Process: AG3	Emission Source: H41C3
Emission Unit: P-PORAG Process: AG3	Emission Source: H41C4
Emission Unit: P-PORAG Process: AG3	Emission Source: H41C5
Emission Unit: P-PORAG Process: AG3	Emission Source: H41C6
Emission Unit: P-PORAG Process: AG3	Emission Source: H41C7
Emission Unit: P-PORAG Process: AG3	Emission Source: H41ST
Emission Unit: P-PORAG Process: AG3	Emission Source: H42C1
Emission Unit: P-PORAG Process: AG3	Emission Source: H42C2
Emission Unit: P-PORAG Process: AG3	Emission Source: H42C3
Emission Unit: P-PORAG Process: AG3	Emission Source: H42C4
Emission Unit: P-PORAG Process: AG3	Emission Source: H42C5
Emission Unit: P-PORAG Process: AG3	Emission Source: H42C6



Emission Unit: P-PORAG Process: AG3	Emission Source: H42SD
Emission Unit: P-PORAG Process: AG3	Emission Source: H43C1
Emission Unit: P-PORAG Process: AG3	Emission Source: H43C2
Emission Unit: P-PORAG Process: AG3	Emission Source: H43C3
Emission Unit: P-PORAG Process: AG3	Emission Source: H43C4
Emission Unit: P-PORAG Process: AG3	Emission Source: H43C5
Emission Unit: P-PORAG Process: AG3	Emission Source: H43C6
Emission Unit: P-PORAG Process: AG3	Emission Source: H43ST
Emission Unit: P-PORAG Process: AG3	Emission Source: MSBN1
Emission Unit: P-PORAG Process: AG3	Emission Source: MSBN2
Emission Unit: P-PORAG Process: AG3	Emission Source: MSC16
Emission Unit: P-PORAG Process: AG3	Emission Source: MSC17
Emission Unit: P-PORAG Process: AG3	Emission Source: N356S
Emission Unit: P-PORAG Process: AG3	Emission Source: PBNC1
Emission Unit: P-PORAG Process: AG3	Emission Source: PBOC1
Emission Unit: P-PORAG Process: AG3	Emission Source: PBOC2
Emission Unit: P-PORAG Process: AG3	Emission Source: PCN25
Emission Unit: P-PORAG	



Process: AG3	Emission Source: PCN33
Emission Unit: P-PORAG Process: AG3	Emission Source: PCN34
Emission Unit: P-PORAG Process: AG3	Emission Source: PCN35
Emission Unit: P-PORAG Process: AG3	Emission Source: PCN36
Emission Unit: P-PORAG Process: AG3	Emission Source: PCN37
Emission Unit: P-PORAG Process: AG3	Emission Source: PCN38
Emission Unit: P-PORAG Process: AG3	Emission Source: PCN39
Emission Unit: P-PORAG Process: AG3	Emission Source: PCN40
Emission Unit: P-PORAG Process: AG3	Emission Source: PCN41
Emission Unit: P-PORAG Process: AG3	Emission Source: PCN42
Emission Unit: P-PORAG Process: AG3	Emission Source: PCN43
Emission Unit: P-PORAG Process: AG3	Emission Source: PCN44
Emission Unit: P-PORAG Process: AG3	Emission Source: PCN45
Emission Unit: P-PORAG Process: AG3	Emission Source: PCN46
Emission Unit: P-PORAG Process: AG3	Emission Source: PCN47
Emission Unit: P-PORAG Process: AG3	Emission Source: PCN48
Emission Unit: P-PORAG Process: AG3	Emission Source: PCN49
Emission Unit: P-PORAG Process: AG3	Emission Source: PCN50



Emission Unit: P-PORAG Process: AG3	Emission Source: PCN51
Emission Unit: P-PORAG Process: AG3	Emission Source: PCN52
Emission Unit: P-PORAG Process: AG3	Emission Source: PCN53
Emission Unit: P-PORAG Process: AG3	Emission Source: PCN54
Emission Unit: P-PORAG Process: AG3	Emission Source: PCN55
Emission Unit: P-PORAG Process: AG3	Emission Source: PCN56
Emission Unit: P-PORAG Process: AG3	Emission Source: PCN57
Emission Unit: P-PORAG Process: AG3	Emission Source: PCN60
Emission Unit: P-PORAG Process: AG3	Emission Source: PCN61
Emission Unit: P-PORAG Process: AG3	Emission Source: PCN62
Emission Unit: P-PORAG Process: AG3	Emission Source: PCN63
Emission Unit: P-PORAG Process: AG3	Emission Source: PCN64
Emission Unit: P-PORAG Process: AG3	Emission Source: PCN65
Emission Unit: P-PORAG Process: AG3	Emission Source: PCN66
Emission Unit: P-PORAG Process: AG3	Emission Source: PCN67
Emission Unit: P-PORAG Process: AG3	Emission Source: PCN68
Emission Unit: P-PORAG Process: AG3	Emission Source: PCN69



Emission Unit: P-PORAG Process: AG3	Emission Source: PCN70
Emission Unit: P-PORAG Process: AG3	Emission Source: PCN71
Emission Unit: P-PORAG Process: AG3	Emission Source: PCN72
Emission Unit: P-PORAG Process: AG3	Emission Source: PCN73
Emission Unit: P-PORAG Process: AG3	Emission Source: PCN74
Emission Unit: P-PORAG Process: AG3	Emission Source: PCN75
Emission Unit: P-PORAG Process: AG3	Emission Source: PCN76
Emission Unit: P-PORAG Process: AG3	Emission Source: PCN77
Emission Unit: P-PORAG Process: AG3	Emission Source: PCN78
Emission Unit: P-PORAG Process: AG3	Emission Source: PCN79
Emission Unit: P-PORAG Process: AG3	Emission Source: PCN80
Emission Unit: P-PORAG Process: AG3	Emission Source: PCN81
Emission Unit: P-PORAG Process: AG3	Emission Source: PCN82
Emission Unit: P-PORAG Process: AG3	Emission Source: PCN83
Emission Unit: P-PORAG Process: AG3	Emission Source: PCN84
Emission Unit: P-PORAG Process: AG3	Emission Source: PCN85
Emission Unit: P-PORAG Process: AG3	Emission Source: PCN86
Emission Unit: P-PORAG	

New York State Department of Environmental Conservation
Permit ID: 6-3099-00049/00076

Facility DEC ID: 6309900049



Process: AG3	Emission Source: PCN87
Emission Unit: P-PORAG Process: AG3	Emission Source: PCN88
Emission Unit: P-PORAG Process: AG3	Emission Source: PCN89
Emission Unit: P-PORAG Process: AG3	Emission Source: PG120
Emission Unit: P-PORAG Process: AG3	Emission Source: PG12C
Emission Unit: P-PORAG Process: AG3	Emission Source: PP1C1
Emission Unit: P-PORAG Process: AG3	Emission Source: PPCON
Emission Unit: P-PORAG Process: AG3	Emission Source: PPPGC
Emission Unit: P-PORAG Process: AG3	Emission Source: PPPGS
Emission Unit: P-PORAG Process: AG3	Emission Source: PPTDC
Emission Unit: P-PORAG Process: AG3	Emission Source: PPTDS
Emission Unit: P-PORAG Process: AG3	Emission Source: PS129
Emission Unit: P-PORAG Process: AG3	Emission Source: PS12C
Emission Unit: P-PORAG Process: AG3	Emission Source: PSD03
Emission Unit: P-PORAG Process: AG3	Emission Source: PSD06
Emission Unit: P-PORAG Process: AG3	Emission Source: PST01
Emission Unit: P-PORAG Process: AG3	Emission Source: PST03
Emission Unit: P-PORAG Process: AG3	Emission Source: PWS01

New York State Department of Environmental Conservation

Permit ID: 6-3099-00049/00076

Facility DEC ID: 6309900049



Item 42.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

No owner or operator shall cause to be discharged into the atmosphere from any transfer point on belt conveyors or from any other affected facility (as defined in 40 CFR 60.670(a)(1)) any fugitive emissions which exhibit greater than 10 percent opacity, except as provided in 40 CFR 60.672(c), (d), and (e).

Parameter Monitored: OPACITY

Upper Permit Limit: 10 percent

Reference Test Method: EPA RM 9

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 43: Compliance Demonstration

Effective between the dates of 07/25/2017 and 07/24/2027

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

Item 43.1:

The Compliance Demonstration activity will be performed for the facility:

The Compliance Demonstration applies to:

Emission Unit: P-OFAGG Process: AG1	Emission Source: OFCR7
Emission Unit: P-PORAG Process: AG3	Emission Source: H21CC
Emission Unit: P-PORAG Process: AG3	Emission Source: H41CC
Emission Unit: P-PORAG Process: AG3	Emission Source: H42CC
Emission Unit: P-PORAG Process: AG3	Emission Source: H43CC
Emission Unit: P-PORAG Process: AG3	Emission Source: PBO1C
Emission Unit: P-PORAG Process: AG3	Emission Source: PJW02
Emission Unit: P-PORAG Process: AG3	Emission Source: PP1JC

New York State Department of Environmental Conservation

Permit ID: 6-3099-00049/00076

Facility DEC ID: 6309900049



Item 43.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

On and after the sixtieth day after achieving the maximum production rate at which the affected facility will be operated, but not later than 180 days after initial startup as required under 40 CFR Part 60.11, no owner or operator shall cause to be discharged into the atmosphere from any crusher, at which a capture system is not used, fugitive emissions which exhibit greater than 15 percent opacity.

Parameter Monitored: OPACITY

Upper Permit Limit: 15 percent

Reference Test Method: Method 9

Monitoring Frequency: SINGLE OCCURRENCE

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

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 44: Contaminant List
Effective between the dates of 07/25/2017 and 07/24/2027

Applicable State Requirement:ECL 19-0301

Item 44.1:

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: 000630-08-0
Name: CARBON MONOXIDE

CAS No: 0NY075-00-0
Name: PARTICULATES

CAS No: 0NY210-00-0

New York State Department of Environmental Conservation

Permit ID: 6-3099-00049/00076

Facility DEC ID: 6309900049



Name: OXIDES OF NITROGEN

CAS No: 0NY998-00-0

Name: VOC

Condition 45: Malfunctions and start-up/shutdown activities
Effective between the dates of 07/25/2017 and 07/24/2027

Applicable State Requirement:6 NYCRR 201-1.4

Item 45.1:

(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 46: Criteria for temporary emission sources
Effective between the dates of 07/25/2017 and 07/24/2027

Applicable State Requirement:6 NYCRR 201-1.11 (a)



Item 46.1:

The owner or operator of a facility operating a temporary emission source is not required to obtain or modify a permit or registration for that source if the following conditions are met:

- (1) The owner or operator of the temporary emission source notifies the department of the intent to operate a temporary emission source at least 10 days in advance of such operation;
- (2) The emission source is operated in compliance with all applicable requirements and all Parts of this Chapter;
- (3) The owner or operator of the facility where the temporary emission source is located maintains records on-site, for a period of at least five years, indicating the dates of operation of each temporary emission source;
- (4) Total emissions from the emission source do not exceed, or cause an existing permitted or registered facility to exceed, any of the following threshold levels:
 - (i) The major facility thresholds described in Paragraph 201-2.1(b)(21);
 - (ii) An emissions cap established pursuant to Subparts 201-4 or 201-7;
 - (iii) The significant project thresholds described in Part 231 at an existing major facility; and
- (5) The temporary emission source is not an affected source as defined in Paragraph 201-2.1(b)(3).

Condition 47: Emission Unit Definition
Effective between the dates of 07/25/2017 and 07/24/2027

Applicable State Requirement:6 NYCRR Subpart 201-5

Item 47.1:

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

Emission Unit: P-HMAPT

Emission Unit Description:

Unit is a portable CMI/UVM-1700 5-ton (drum) HMA plant. Plant consists of a rotary aggregate dryer, elevator, hot screens, hot bins, weigh hopper, mixer, and truck load-out station. Plant fires #2 fuel oil and/or waste oil, and includes a bag house control device.

Item 47.2:

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

Emission Unit: P-OFAGG

Emission Unit Description:

Permanent aggregate processing equipment that is kept on site at all times. Includes multiple crushers, screens and conveyors. Stone is fed into the plant for crushing, screening and sizing. All crushing is mechanical. Sizing of aggregate is via screens and conveying is over rubber

New York State Department of Environmental Conservation

Permit ID: 6-3099-00049/00076

Facility DEC ID: 6309900049



belts. All emissions are fugitive and are controlled by water spray nozzles. Final product is stockpiled by stacking conveyors onto the process area floor to await loading into trucks.

Item 47.3:

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

Emission Unit: P-OFHMA

Emission Unit Description:

Unit contains permanent HMA plants. Plants consist of a rotary aggregate dryer, elevator, hot screens, hot bins, weigh hopper, mixer, and truck load-out station. Plants fire #2 fuel oil and/or waste oil, and includes a bag house control device.

Item 47.4:

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

Emission Unit: P-PGENS

Emission Unit Description:

Portable generator sets consisting of internal combustion diesel engines powering electric motors.

Item 47.5:

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

Emission Unit: P-PORAG

Emission Unit Description:

Portable aggregate processing equipment that is moved to site intermittently includes multiple crushers, screens and conveyors. Stone is fed into the plant for crushing, screening and sizing. All crushing is mechanical. Sizing of aggregate is via screens and conveying is over rubber belts. All emissions are fugitive and are controlled by water spray nozzles. Final product is stockpiled by stacking conveyors onto the process area floor to await loading into trucks. Portable Plant equipment is used intermittently to meet customer demand. As needed, Hanson may contract with a third-party aggregate processing company. This equipment will be similar to that owned by Hanson. When like contractor equipment is to be temporarily operated at the facility, notification will be made to NYSDEC. Emissions from contractor aggregate processing equipment will be added to the 12 month rolling average calculations for the site.

**Condition 48: Renewal deadlines for state facility permits
Effective between the dates of 07/25/2017 and 07/24/2027**

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

Item 48.1:

The owner or operator of a facility having an issued state facility permit shall submit a complete

New York State Department of Environmental Conservation

Permit ID: 6-3099-00049/00076

Facility DEC ID: 6309900049



application at least 180 days, but not more than eighteen months, prior to the date of permit expiration for permit renewal purposes.

Condition 49: Compliance Demonstration
Effective between the dates of 07/25/2017 and 07/24/2027

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

Item 49.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 49.2:

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 6
State Office Building
317 Washington Ave.
Watertown, NY 13601

Monitoring Frequency: AS REQUIRED - SEE PERMIT 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 50: Visible Emissions Limited
Effective between the dates of 07/25/2017 and 07/24/2027

Applicable State Requirement:6 NYCRR 211.2

Item 50.1:

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 51: Compliance Demonstration
Effective between the dates of 07/25/2017 and 07/24/2027

Applicable State Requirement:6 NYCRR 212-2.1 (a)

Item 51.1:

The Compliance Demonstration activity will be performed for the facility:

New York State Department of Environmental Conservation

Permit ID: 6-3099-00049/00076

Facility DEC ID: 6309900049



The Compliance Demonstration applies to:

Emission Unit: P-HMAPT

Regulated Contaminant(s):

CAS No: 000050-00-0 FORMALDEHYDE

Item 51.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions of air contaminants to the outdoor atmosphere from any process emission source or emission point for any air contaminant listed in section 212-2.2 table 2 – high toxicity air contaminant list, of this Subpart, the facility owner or operator shall either limit the actual annual emissions from all process operations at the facility so as to not exceed the mass emission limit listed for the individual HTAC; or demonstrate compliance with the air cleaning requirements for the HTAC as specified in subdivision 212-2.3(b), table 4 – degree of air cleaning required for non-criteria air contaminants, of this Subpart for the environmental rating assigned to the contaminant by the Department.

Using USEPA approved air dispersion models, such as AERSCREEN or AERMOD, and following the procedures in DAR-10, determine the predicted maximum annual and short-term offsite air concentration for each air contaminant. Annual modeled concentrations should be based on the lower of the following: ERP, federally enforceable permit limit (if applicable), or any applicant proposed emission limit or operating restrictions. However, for modeled short term impacts, the emission rate potential or the maximum allowable hourly emission rate must be used to accurately characterize the potential maximum offsite concentration at the fence line of the property.

Should the facility choose to conduct site specific emissions testing to re-evaluate the formaldehyde emission limit, the once per term modeling required by this condition shall be revised using a Department approved model such as AERSCREEN or AERMOD to reflect measured values as determined by the stack test to verify compliance with AGC and SGC values.

Parameter Monitored: FORMALDEHYDE

Upper Permit Limit: 0.06 micrograms per cubic meter

Reference Test Method: AERSCREEN or AERMOD

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

New York State Department of Environmental Conservation

Permit ID: 6-3099-00049/00076

Facility DEC ID: 6309900049



Averaging Method: MAXIMUM - NOT TO BE EXCEEDED AT ANY
TIME (INSTANTANEOUS/DISCRETE OR GRAB)
Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 52: Compliance Demonstration
Effective between the dates of 07/25/2017 and 07/24/2027

Applicable State Requirement: 6 NYCRR 212-2.1 (a)

Item 52.1:

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

Emission Unit: P-HMAPT

Regulated Contaminant(s):
CAS No: 000050-00-0 FORMALDEHYDE

Item 52.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

Emissions of Formaldehyde from this facility shall not exceed 620 pounds during any consecutive 12 month period. This limit is established with consideration of AERSCREEN modeling, which included operational restrictions on the facility, and the environmental rating of formaldehyde.

Formaldehyde has been assigned an environmental rating of "B". This decision was made as a result of facility location, modelling concentrations, distance to discrete receptors, and good engineering judgment. Consequently the facility emission rate potential demonstrates compliance with the degree of air cleaning required as outlined in Table 4 of 6 NYCRR Part 212-2.3 (b).

Benzene has been assigned an environmental rating of "A" and demonstrates compliance with Table 4 of 6 NYCRR Part 212-2.3 (b). Benzene emissions will be controlled via this Formaldehyde cap since Formaldehyde is the limiting contaminant.

The source owner shall determine compliance with this Formaldehyde limit by using an emission factor from EPA's AP-42 while utilizing actual asphalt production data from the Hot Mix Asphalt (HMA) drum plant, HMAE 3. The facility can also choose to complete site specific stack testing to determine a more accurate emission factor.

New York State Department of Environmental Conservation

Permit ID: 6-3099-00049/00076

Facility DEC ID: 6309900049



Prior to conducting stack testing, the facility shall provide a stack test protocol and submit it to the Department for review and approval. Stack test results must also be approved by the Department and will be used in lieu of EPA's AP-42 emission factor.

The source owner may also demonstrate compliance using USEPA approved air dispersion models, such as AERSCREEN or AERMOD, and following the procedures in DAR-10, determine the predicted maximum annual and short-term offsite air concentration for each air contaminant. Annual modeled concentrations should be based on the lower of the following: ERP, federally enforceable permit limit (if applicable), or any applicant proposed emission limit or operating restrictions. However, for modeled short term impacts, the emission rate potential or the maximum allowable hourly emission rate must be used to accurately characterize the potential maximum offsite concentration at the fence line of the property. Air dispersion modeling should accompany an application for permit modification to exceed the 620 lb/yr limit as outline herein.

The facility shall maintain records of the tons of asphalt produced from emission source HMAE3 on a monthly basis. The facility will insert these recorded values into the equation below to generate monthly Formaldehyde emissions.

$$\text{Monthly Pounds of Formaldehyde produced} = \text{AP-HMAE3} \times 0.0031 \text{ lbs/ton}$$

Where:

$$\text{AP-HMAE3} = \text{Asphalt produced (tons) from ES-HMAE3}$$

The most recent calculated monthly Formaldehyde emissions shall be added to the previous 11 month total to calculate a 12 month rolling total. Records shall be kept on site in a form acceptable to the Department and be available to the Department upon request. All records must be kept on site for no less than five years from the date of record. At no time during the term of this permit may this formaldehyde emission limit be exceeded. Should the facility desire a less stringent emission limit a modification application must be submitted to the Department and a public noticing period completed.

Parameter Monitored: FORMALDEHYDE
Upper Permit Limit: 620 pounds per year

New York State Department of Environmental Conservation

Permit ID: 6-3099-00049/00076

Facility DEC ID: 6309900049



Monitoring Frequency: MONTHLY
Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY
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).

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

Condition 53: Emission Point Definition By Emission Unit
Effective between the dates of 07/25/2017 and 07/24/2027

Applicable State Requirement:6 NYCRR Subpart 201-5

Item 53.1:

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

Emission Unit: P-HMAPT

Emission Point: HMAP1
Height (ft.): 31 Diameter (in.): 45
NYTMN (km.): 4755.34 NYTME (km.): 463.12

Item 53.2:

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

Emission Unit: P-OFHMA

Emission Point: BH001
Height (ft.): 32 Diameter (in.): 36
NYTMN (km.): 4755.34 NYTME (km.): 463.12

Emission Point: BH002
Height (ft.): 30 Diameter (in.): 59
NYTMN (km.): 4755.34 NYTME (km.): 463.12

Item 53.3:

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

Emission Unit: P-PGENS

Emission Point: 00C15
Height (ft.): 16 Diameter (in.): 8
NYTMN (km.): 4755.34 NYTME (km.): 463.12

Emission Point: 3114A
Height (ft.): 16 Diameter (in.): 8
NYTMN (km.): 4755.34 NYTME (km.): 463.12

Emission Point: 3406A



Height (ft.): 16	Diameter (in.): 8
NYTMN (km.): 4755.34	NYTME (km.): 463.12
Emission Point: 3406B	
Height (ft.): 16	Diameter (in.): 8
NYTMN (km.): 4755.34	NYTME (km.): 463.12
Emission Point: 3406C	
Height (ft.): 16	Diameter (in.): 8
NYTMN (km.): 4755.34	NYTME (km.): 463.12
Emission Point: 3412A	
Height (ft.): 16	Diameter (in.): 8
NYTMN (km.): 4755.34	NYTME (km.): 463.12
Emission Point: 3412B	
Height (ft.): 16	Diameter (in.): 8
NYTMN (km.): 4755.34	NYTME (km.): 463.12
Emission Point: 3412C	
Height (ft.): 16	Diameter (in.): 8
NYTMN (km.): 4755.34	NYTME (km.): 463.12
Emission Point: 3412D	
Height (ft.): 16	Diameter (in.): 8
NYTMN (km.): 4755.34	NYTME (km.): 463.12
Emission Point: 3412E	
Height (ft.): 16	Diameter (in.): 8
NYTMN (km.): 4755.34	NYTME (km.): 463.12
Emission Point: 3412F	
Height (ft.): 16	Diameter (in.): 8
NYTMN (km.): 4755.34	NYTME (km.): 463.12
Emission Point: 3508A	
Height (ft.): 16	Diameter (in.): 8
NYTMN (km.): 4755.34	NYTME (km.): 463.12
Emission Point: 3512A	
Height (ft.): 25	Diameter (in.): 10
NYTMN (km.): 4755.34	NYTME (km.): 463.12
Emission Point: 3512B	
Height (ft.): 14	Diameter (in.): 10
NYTMN (km.): 4755.34	NYTME (km.): 463.12
Emission Point: 3512C	
Height (ft.): 16	Diameter (in.): 8
NYTMN (km.): 4755.34	NYTME (km.): 463.12
Emission Point: 3512D	



Height (ft.): 16 Diameter (in.): 8
NYTMN (km.): 4755.34 NYTME (km.): 463.12

Emission Point: GEN07
Height (ft.): 16 Diameter (in.): 8
NYTMN (km.): 4755.34 NYTME (km.): 463.12

Condition 54: Process Definition By Emission Unit
Effective between the dates of 07/25/2017 and 07/24/2027

Applicable State Requirement:6 NYCRR Subpart 201-5

Item 54.1:

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

Emission Unit: P-HMAPT
Process: APP Source Classification Code: 3-05-002-52
Process Description: Production of hot-mix asphalt in a batch plant

Emission Source/Control: BH003 - Control
Control Type: FABRIC FILTER

Emission Source/Control: HMAE3 - Process
Design Capacity: 250 tons per hour

Item 54.2:

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

Emission Unit: P-OFAGG
Process: AG1 Source Classification Code: 3-05-020-01
Process Description:

Permanent aggregate processing equipment that is kept on site at all times. Includes multiple crushers, screens and conveyors. Stone is fed into the plant for crushing, screening and sizing. All crushing is mechanical. Sizing of aggregate is via screens and conveying is over rubber belts. All emissions are fugitive and are controlled by water spray nozzles. Final product is stockpiled by stacking conveyors onto the process area floor to await loading into trucks.

Emission Source/Control: BF05S - Process

Emission Source/Control: BFALL - Process

Emission Source/Control: C10AS - Process

Emission Source/Control: C18AS - Process

Emission Source/Control: C24AS - Process

Emission Source/Control: C36SH - Process



- Emission Source/Control: OCR3A - Process
- Emission Source/Control: OF01S - Process
- Emission Source/Control: OF02S - Process
- Emission Source/Control: OF03S - Process
- Emission Source/Control: OF04S - Process
- Emission Source/Control: OF05S - Process
- Emission Source/Control: OF06S - Process
- Emission Source/Control: OF07S - Process
- Emission Source/Control: OF08S - Process
- Emission Source/Control: OF09S - Process
- Emission Source/Control: OF10S - Process
- Emission Source/Control: OF11S - Process
- Emission Source/Control: OF14S - Process
- Emission Source/Control: OF15A - Process
- Emission Source/Control: OF15S - Process
- Emission Source/Control: OF16S - Process
- Emission Source/Control: OF17S - Process
- Emission Source/Control: OF18S - Process
- Emission Source/Control: OF19S - Process
- Emission Source/Control: OF20S - Process
- Emission Source/Control: OF21S - Process
- Emission Source/Control: OF23S - Process
- Emission Source/Control: OF24S - Process
- Emission Source/Control: OF25S - Process
- Emission Source/Control: OF26S - Process
- Emission Source/Control: OF36L - Process

New York State Department of Environmental Conservation

Permit ID: 6-3099-00049/00076

Facility DEC ID: 6309900049



Emission Source/Control: OFC01 - Process

Emission Source/Control: OFC02 - Process

Emission Source/Control: OFC03 - Process

Emission Source/Control: OFC04 - Process

Emission Source/Control: OFC05 - Process

Emission Source/Control: OFC06 - Process

Emission Source/Control: OFC07 - Process

Emission Source/Control: OFC08 - Process

Emission Source/Control: OFC09 - Process

Emission Source/Control: OFC10 - Process

Emission Source/Control: OFC11 - Process

Emission Source/Control: OFC12 - Process

Emission Source/Control: OFC13 - Process

Emission Source/Control: OFC14 - Process

Emission Source/Control: OFC4A - Process

Emission Source/Control: OFCAC - Process

Emission Source/Control: OFCDC - Process

Emission Source/Control: OFCR1 - Process
Design Capacity: 1,100 tons per hour

Emission Source/Control: OFCR2 - Process
Design Capacity: 600 tons per hour

Emission Source/Control: OFCR3 - Process
Design Capacity: 80 tons per hour

Emission Source/Control: OFCR4 - Process
Design Capacity: 280 tons per hour

Emission Source/Control: OFCR5 - Process
Design Capacity: 150 tons per hour

Emission Source/Control: OFCR7 - Process
Design Capacity: 280 tons per hour



Emission Source/Control: OFCR8 - Process
Design Capacity: 150 tons per hour

Emission Source/Control: OFCRC - Process

Emission Source/Control: OFCRW - Process

Emission Source/Control: OFCST - Process

Emission Source/Control: OFF1P - Process

Emission Source/Control: OFF2P - Process

Emission Source/Control: OFF3P - Process

Emission Source/Control: OFNOR - Process

Emission Source/Control: OFS01 - Process

Emission Source/Control: OFS02 - Process

Emission Source/Control: OFS03 - Process

Emission Source/Control: OFS04 - Process

Emission Source/Control: OFS05 - Process

Emission Source/Control: OFS06 - Process

Emission Source/Control: OFS07 - Process

Emission Source/Control: OFS08 - Process

Emission Source/Control: OFS09 - Process

Emission Source/Control: OFS10 - Process

Emission Source/Control: OFS11 - Process

Emission Source/Control: OFSOU - Process

Item 54.3:

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

Emission Unit: P-OFHMA

Process: API

Source Classification Code: 3-05-002-52

Process Description: Production of hot-mix asphalt in a batch plant

Emission Source/Control: BH001 - Control

Control Type: FABRIC FILTER



Emission Source/Control: BH002 - Control
Control Type: FABRIC FILTER

Emission Source/Control: HMAE1 - Process
Design Capacity: 180 tons per hour

Emission Source/Control: HMAE2 - Process
Design Capacity: 360 tons per hour

Item 54.4:

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

Emission Unit: P-PGENS
Process: GEN Source Classification Code: 2-02-001-01
Process Description:

Portable diesel fueled internal combustion engine
powering an electric generator. The generator powers one
or more aggregate processing and/or hot-mix asphalt
plant.

Emission Source/Control: 00C15 - Combustion
Design Capacity: 563 horsepower (mechanical)

Emission Source/Control: 3114A - Combustion
Design Capacity: 109 horsepower (mechanical)

Emission Source/Control: 3406A - Combustion
Design Capacity: 519 horsepower (mechanical)

Emission Source/Control: 3406B - Combustion
Design Capacity: 519 horsepower (mechanical)

Emission Source/Control: 3406C - Combustion
Design Capacity: 519 horsepower (mechanical)

Emission Source/Control: 3412A - Combustion
Design Capacity: 810 horsepower (mechanical)

Emission Source/Control: 3412B - Combustion
Design Capacity: 810 horsepower (mechanical)

Emission Source/Control: 3412C - Combustion
Design Capacity: 810 horsepower (mechanical)

Emission Source/Control: 3412D - Combustion
Design Capacity: 750 horsepower (mechanical)

Emission Source/Control: 3412E - Combustion
Design Capacity: 817 horsepower (mechanical)

Emission Source/Control: 3412F - Combustion
Design Capacity: 817 horsepower (mechanical)



Emission Source/Control: 3508A - Combustion
Design Capacity: 798 horsepower (mechanical)

Emission Source/Control: 3512A - Combustion
Design Capacity: 1,661 horsepower (mechanical)

Emission Source/Control: 3512B - Combustion
Design Capacity: 1,582 horsepower (mechanical)

Emission Source/Control: 3512C - Combustion
Design Capacity: 1,559 horsepower (mechanical)

Emission Source/Control: 3512D - Combustion
Design Capacity: 1,431 horsepower (mechanical)

Emission Source/Control: GEN07 - Combustion
Design Capacity: 1,661 horsepower (mechanical)

Item 54.5:

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

Emission Unit: P-PORAG

Process: AG3

Source Classification Code: 3-05-020-01

Process Description:

Portable aggregate processing equipment that is moved to site intermittently includes multiple crushers, screens and conveyors. Stone is fed into the plant for crushing, screening and sizing. All crushing is mechanical. Sizing of aggregate is via screens and conveying is over rubber belts. All emissions are fugitive and are controlled by water spray nozzles. Final product is stockpiled by stacking conveyors onto the process area floor to await loading into trucks.

Portable Plant equipment is used intermittently to meet customer demand. As needed, Hanson may contract with a third-party aggregate processing company. This equipment will be similar to that owned by Hanson. When like contractor equipment is to be temporarily operated at the facility, notification will be made to NYSDEC. Emissions from contractor aggregate processing equipment will be added to the 12 month rolling average calculations for the site.

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

Emission Source/Control: 356C1 - Process

Emission Source/Control: 356C2 - Process

Emission Source/Control: 356C3 - Process

New York State Department of Environmental Conservation

Permit ID: 6-3099-00049/00076

Facility DEC ID: 6309900049



Emission Source/Control: 356C4 - Process

Emission Source/Control: 356C5 - Process

Emission Source/Control: ASTBN - Process

Emission Source/Control: BPOC1 - Process

Emission Source/Control: COMC1 - Process

Emission Source/Control: COMC2 - Process

Emission Source/Control: COMEP - Process

Emission Source/Control: H21C1 - Process

Emission Source/Control: H21C2 - Process

Emission Source/Control: H21C3 - Process

Emission Source/Control: H21CC - Process

Emission Source/Control: H21SD - Process

Emission Source/Control: H41C1 - Process

Emission Source/Control: H41C2 - Process

Emission Source/Control: H41C3 - Process

Emission Source/Control: H41C4 - Process

Emission Source/Control: H41C5 - Process

Emission Source/Control: H41C6 - Process

Emission Source/Control: H41C7 - Process

Emission Source/Control: H41CC - Process
Design Capacity: 350 tons per hour

Emission Source/Control: H41ST - Process

Emission Source/Control: H42C1 - Process

Emission Source/Control: H42C2 - Process

Emission Source/Control: H42C3 - Process

Emission Source/Control: H42C4 - Process

New York State Department of Environmental Conservation

Permit ID: 6-3099-00049/00076

Facility DEC ID: 6309900049



Emission Source/Control: H42C5 - Process

Emission Source/Control: H42C6 - Process

Emission Source/Control: H42CC - Process
Design Capacity: 455 tons per hour

Emission Source/Control: H42SD - Process

Emission Source/Control: H43C1 - Process

Emission Source/Control: H43C2 - Process

Emission Source/Control: H43C3 - Process

Emission Source/Control: H43C4 - Process

Emission Source/Control: H43C5 - Process

Emission Source/Control: H43C6 - Process

Emission Source/Control: H43CC - Process
Design Capacity: 275 tons per hour

Emission Source/Control: H43ST - Process

Emission Source/Control: KLMEC - Process

Emission Source/Control: KLMEP - Process

Emission Source/Control: MSBN1 - Process

Emission Source/Control: MSBN2 - Process

Emission Source/Control: MSC16 - Process

Emission Source/Control: MSC17 - Process

Emission Source/Control: N356S - Process

Emission Source/Control: PB11C - Process

Emission Source/Control: PB1C1 - Process

Emission Source/Control: PB1C2 - Process

Emission Source/Control: PB1C3 - Process

Emission Source/Control: PB1SC - Process

Emission Source/Control: PBNC1 - Process

New York State Department of Environmental Conservation

Permit ID: 6-3099-00049/00076

Facility DEC ID: 6309900049



Emission Source/Control: PBO1C - Process
Design Capacity: 250 tons per hour

Emission Source/Control: PBOC1 - Process

Emission Source/Control: PBOC2 - Process

Emission Source/Control: PCC02 - Process
Design Capacity: 350 tons per hour

Emission Source/Control: PCC03 - Process
Design Capacity: 350 tons per hour

Emission Source/Control: PCC04 - Process
Design Capacity: 190 tons per hour

Emission Source/Control: PCN15 - Process

Emission Source/Control: PCN21 - Process

Emission Source/Control: PCN23 - Process

Emission Source/Control: PCN25 - Process

Emission Source/Control: PCN27 - Process

Emission Source/Control: PCN29 - Process

Emission Source/Control: PCN31 - Process

Emission Source/Control: PCN32 - Process

Emission Source/Control: PCN33 - Process

Emission Source/Control: PCN34 - Process

Emission Source/Control: PCN35 - Process

Emission Source/Control: PCN36 - Process

Emission Source/Control: PCN37 - Process

Emission Source/Control: PCN38 - Process

Emission Source/Control: PCN39 - Process

Emission Source/Control: PCN40 - Process

Emission Source/Control: PCN41 - Process

Emission Source/Control: PCN42 - Process



- Emission Source/Control: PCN43 - Process
- Emission Source/Control: PCN44 - Process
- Emission Source/Control: PCN45 - Process
- Emission Source/Control: PCN46 - Process
- Emission Source/Control: PCN47 - Process
- Emission Source/Control: PCN48 - Process
- Emission Source/Control: PCN49 - Process
- Emission Source/Control: PCN50 - Process
- Emission Source/Control: PCN51 - Process
- Emission Source/Control: PCN52 - Process
- Emission Source/Control: PCN53 - Process
- Emission Source/Control: PCN54 - Process
- Emission Source/Control: PCN55 - Process
- Emission Source/Control: PCN56 - Process
- Emission Source/Control: PCN57 - Process
- Emission Source/Control: PCN58 - Process
- Emission Source/Control: PCN59 - Process
- Emission Source/Control: PCN60 - Process
- Emission Source/Control: PCN61 - Process
- Emission Source/Control: PCN62 - Process
- Emission Source/Control: PCN63 - Process
- Emission Source/Control: PCN64 - Process
- Emission Source/Control: PCN65 - Process
- Emission Source/Control: PCN66 - Process
- Emission Source/Control: PCN67 - Process
- Emission Source/Control: PCN68 - Process



- Emission Source/Control: PCN69 - Process
- Emission Source/Control: PCN70 - Process
- Emission Source/Control: PCN71 - Process
- Emission Source/Control: PCN72 - Process
- Emission Source/Control: PCN73 - Process
- Emission Source/Control: PCN74 - Process
- Emission Source/Control: PCN75 - Process
- Emission Source/Control: PCN76 - Process
- Emission Source/Control: PCN77 - Process
- Emission Source/Control: PCN78 - Process
- Emission Source/Control: PCN79 - Process
- Emission Source/Control: PCN80 - Process
- Emission Source/Control: PCN81 - Process
- Emission Source/Control: PCN82 - Process
- Emission Source/Control: PCN83 - Process
- Emission Source/Control: PCN84 - Process
- Emission Source/Control: PCN85 - Process
- Emission Source/Control: PCN86 - Process
- Emission Source/Control: PCN87 - Process
- Emission Source/Control: PCN88 - Process
- Emission Source/Control: PCN89 - Process
- Emission Source/Control: PG120 - Process
- Emission Source/Control: PG12C - Process
- Emission Source/Control: PJW02 - Process
Design Capacity: 500 tons per hour
- Emission Source/Control: PJW03 - Process
Design Capacity: 300 tons per hour

New York State Department of Environmental Conservation

Permit ID: 6-3099-00049/00076

Facility DEC ID: 6309900049



Emission Source/Control: PP1C1 - Process

Emission Source/Control: PP1JC - Process
Design Capacity: 200 tons per hour

Emission Source/Control: PPPGC - Process

Emission Source/Control: PPPGS - Process

Emission Source/Control: PPSC1 - Process

Emission Source/Control: PPSD1 - Process

Emission Source/Control: PPTDC - Process

Emission Source/Control: PPTDS - Process

Emission Source/Control: PPTRC - Process
Design Capacity: 938 tons per hour

Emission Source/Control: PPTRS - Process

Emission Source/Control: PS129 - Process

Emission Source/Control: PS12C - Process

Emission Source/Control: PSD02 - Process

Emission Source/Control: PSD03 - Process

Emission Source/Control: PSD04 - Process

Emission Source/Control: PSD05 - Process

Emission Source/Control: PSD06 - Process

Emission Source/Control: PST01 - Process

Emission Source/Control: PST03 - Process

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

Emission Source/Control: PWS01 - Process