

PERMIT
Under the Environmental Conservation Law (ECL)

IDENTIFICATION INFORMATION

Permit Type: Air State Facility
Permit ID: 7-2546-00026/00003
Effective Date: 04/21/2023 Expiration Date: 04/20/2033

Permit Issued To: STOCKBRIDGE STONE PRODUCTS LLC
10948 N Gage Rd
Barneveld, NY 13304

Contact: FRED SAMEL
STOCKBRIDGE STONE PRODUCTS
9757 ST RTE 28
POLAND, NY 13431
(315) 404-7649

Facility: STOCKBRIDGE STONE PRODUCTS MINE
QUARRY RD - E OFF ST RTE 46
MUNNSVILLE, NY

Description:

Stockbridge Stone Products (Stockbridge) is a bituminous concrete production facility proposed to be located at 6291 Quarry Road North in Munnsville, NY. The facility will operate under the North American Industrial Classification System (NAICS) Code of 324121 and Standard Industrial Classification (SIC) Code of 2951. Stockbridge is proposing to install a new double barrel drum bituminous concrete plant (propane fueled) rated at 400 TPY and associated processing equipment. They are also proposing to install one diesel-fired generator which is subject to permitting requirements. Exempt equipment being installed will include one diesel-fired generator and one hot oil heater, which are exempt from permitting in accordance with 6 NYCRR 201-3.2(c)(1)(i). Stockbridge is applying for a new Air State Facility Permit in accordance with 6 NYCRR 201- 5.1(a)(1)&(3) because they will have potential to emit PM-2.5, PM-10, NOx, CO, VOC and Total HAP in excess of 50% of the major source thresholds. Additionally, they are proposing to emit formaldehyde in excess of the HTAC threshold in Table 1 of 6 NYCRR 201-9.

The plant is rated at 400 tons per hour and will be fueled by propane. Diesel fired generators will also be used for electrical supply. Additional equipment supporting the operation will include liquid asphalt cement and petroleum storage tanks, aggregate storage bins and stockpiles, hot bituminous concrete storage silos, tank heaters, conveyors, RAP hoppers and RAP screen, a scale, control house, and load out equipment. Hot bituminous concrete is produced by combining liquid asphalt cement, aggregate, and reclaimed asphalt pavement (RAP). The liquid asphalt cement is stored in heated aboveground tanks. Aggregate and RAP are stored in designated stockpiles on site. The double barrel mixer drum heats aggregate in the interior barrel and then

blends it with the liquid asphalt cement and RAP in the outer barrel to produce hot bituminous concrete. The double barrel drum mixer is vented to a baghouse filter system. The hot mix is then transferred to storage silos to where it is directly loaded into trucks. Fuels used for the process include propane and diesel.

Emission Units:

D-HMADR - An Astec RDB-9640 Relocatable Double Barrel Drum Mixer equipped with an Astec Phoenix Talon PT-100-G 100 MBTU propane fired burner. The Phoenix Talon burner qualifies as a low NOx burner in accordance with 6 NYCRR 212-4.1(b)(5). The asphalt plant is rated at a maximum capacity of 400 tons per hour. The consecutive 12-month asphalt production will be limited to 150,868 tons per year.

G-GENER – Stockbridge intends to power the facility using electric line power. However, in cases of electrical interruption, Stockbridge Stone Products is proposing to utilize a Caterpillar C32 1341 hp diesel fired generator to provide electrical power to the asphalt plant and associated equipment.

Emission Processes:

LPG - The operation of an Astec RDB-9640 Drum mixer with a propane-fired Phoenix Talon PT-100G (or equivalent) 100 MBTU burner. The asphalt plant will be limited to 150,898 per consecutive 12-month period.

DSL - The operation of a 1341 hp diesel-fired Caterpillar C32 (or equivalent) generator. The hours of operation for the generator will be limited to comply with the facility-wide emission capping conditions.

Emission Controls:

BAG01- Emissions from D-HMADR will be vented to an Astec RBH-81-19 Relocatable 80,980 acfm pulse jet baghouse.

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:

JONATHAN J STERCHO
NYS DEC Region 7
5786 WIDEWATERS PKWY
SYRACUSE, NY 13214-1867

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.

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DEC GENERAL CONDITIONS

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- 5 2 Relationship of this Permit to Other Department Orders and Determinations
- 5 3 Applications for permit renewals, modifications and transfers
- 5 4 Permit modifications, suspensions or revocations by the Department

Facility Level

- 6 5 Submission of application for permit modification or renewal-REGION 7 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 7 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 7 Headquarters
Division of Environmental Permits
5786 Widewaters Parkway
Syracuse, NY 13214-1867
(315) 426-7400

Permit ID: 7-2546-00026/00003

Facility DEC ID: 7254600026

Permit Under the Environmental Conservation Law (ECL)

ARTICLE 19: AIR POLLUTION CONTROL - AIR STATE FACILITY PERMIT

IDENTIFICATION INFORMATION

Permit Issued To: STOCKBRIDGE STONE PRODUCTS LLC
10948 N Gage Rd
Barneveld, NY 13304

Facility: STOCKBRIDGE STONE PRODUCTS MINE
QUARRY RD - E OFF ST RTE 46
MUNNSVILLE, NY

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

Permit Effective Date: 04/21/2023

Permit Expiration Date: 04/20/2033

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EU=D--HMAD,EP=EP001,Proc=LPG,ES=HMADR

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NOTE: * preceding the condition number indicates capping.

FEDERALLY ENFORCEABLE CONDITIONS
FINAL **** 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

(a) Except as otherwise provided by this Part, construction or operation of a new, modified or existing air contamination source without a registration or permit issued pursuant to this Part is prohibited.

(b) If an existing facility or emission source was subject to the permitting requirements of this Part at the time of construction or modification, and the owner or operator failed to apply for a permit or registration as described in this Part, the owner or operator must apply for a permit or registration in accordance with the provisions of this Part. The facility or emission source is subject to all regulations that were applicable to it at the time of construction or modification and any subsequent requirements applicable to existing emission sources.

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: Maintenance of Equipment
Effective between the dates of 04/21/2023 and 04/20/2033

Applicable Federal Requirement:6 NYCRR 200.7

Item 1.1:

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 2: Recycling and Salvage
Effective between the dates of 04/21/2023 and 04/20/2033

Applicable Federal Requirement:6 NYCRR 201-1.7

Item 2.1:

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 3: Required Emissions Tests
Effective between the dates of 04/21/2023 and 04/20/2033

Applicable Federal Requirement:6 NYCRR 202-1.1

Item 3.1:

For the purpose of ascertaining compliance or non-compliance with any air pollution control code, rule or regulation, the commissioner may require the person who owns such air contamination source to submit an acceptable report of measured emissions within a stated time.

Condition 4: Facility Permissible Emissions
Effective between the dates of 04/21/2023 and 04/20/2033

Applicable Federal Requirement:6 NYCRR 201-7.1

Item 4.1:

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: 190,000 pounds per year
Name: CARBON MONOXIDE

CAS No: 0NY075-00-5 PTE: 190,000 pounds per year
Name: PM-10

CAS No: 0NY075-02-5 PTE: 190,000 pounds per year
Name: PM 2.5

CAS No: 0NY998-00-0 PTE: 95,000 pounds per year
Name: VOC

Condition 5: Capping Monitoring Condition
Effective between the dates of 04/21/2023 and 04/20/2033

Applicable Federal Requirement:6 NYCRR 201-7.1

Item 5.1:

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 5.2:

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

Item 5.3:

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 5.4:

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 5.5:

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 5.6:

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

Emission Unit: D--HMAD

Emission Unit: G-GENER

Regulated Contaminant(s):
CAS No: 0NY075-00-5 PM-10

Item 5.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

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

Monitoring Description:

Combined PM-10 emissions from emission units will be limited to 95 tons per year. Particulate emissions will be tracked on a 12-month rolling total basis, using production data, and generator operation total basis. Records will be made available to agency representatives upon request. Process specific compliance requirements are further described at the emission unit level elsewhere in this permit.

The initial report is due January 31, 2023.

Parameter Monitored: PM-10

Upper Permit Limit: 95 tons

Monitoring Frequency: MONTHLY

Averaging Method: 12-MONTH TOTAL, ROLLED MONTHLY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2024.

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

Condition 6: Capping Monitoring Condition
Effective between the dates of 04/21/2023 and 04/20/2033

Applicable Federal Requirement: 6 NYCRR 201-7.1

Item 6.1:

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 6.2:

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

Item 6.3:

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 6.4:

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 6.5:

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 6.6:

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

Emission Unit: D--HMAD

Emission Unit: G-GENER

Regulated Contaminant(s):
CAS No: 0NY075-02-5 PM 2.5

Item 6.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

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

Monitoring Description:

Combined PM-2.5 emissions from emission units will be limited to 95 tons per year. Particulate matter emissions will be tracked on a 12-month rolling total basis, using production data, and generator operation total basis. Records will be made available to agency representatives upon request. Process specific compliance requirements are further described at the emission unit level elsewhere in this permit.

Initial report is due January 31, 2023.

Parameter Monitored: PM 2.5

Upper Permit Limit: 95 tons

Monitoring Frequency: MONTHLY

Averaging Method: 12 MONTH AVERAGE - ROLLED MONTHLY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2024.

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

Condition 7: Capping Monitoring Condition
Effective between the dates of 04/21/2023 and 04/20/2033

Applicable Federal Requirement:6 NYCRR 201-7.1**Item 7.1:**

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 7.2:

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

Item 7.3:

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 7.4:

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 7.5:

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 7.6:

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

Emission Unit: D--HMAD

Emission Unit: G-GENER

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

Item 7.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

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

Monitoring Description:

Combined volatile organic compound (VOC) emissions from emission units will be limited to 47.5 tons per year. VOC emission factors will be tracked on a 12-month rolling

basis using production data, generator hours, and the most current AP-42 emission factors to calculate non-exempt emissions. Records will be made available to agency representatives upon request. Process specific compliance requirements are further described at the emission unit level elsewhere in this permit.

The initial report is due January 31, 2023.

Parameter Monitored: VOC
Upper Permit Limit: 47.5 tons
Monitoring Frequency: MONTHLY
Averaging Method: 12 MONTH AVERAGE - ROLLED MONTHLY
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2024.
Subsequent reports are due every 12 calendar month(s).

Condition 8: Capping Monitoring Condition
Effective between the dates of 04/21/2023 and 04/20/2033

Applicable Federal Requirement:6 NYCRR 201-7.1

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

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:
The Compliance Demonstration applies to:

Emission Unit: D--HMAD

Emission Unit: G-GENER

Regulated Contaminant(s):
CAS No: 000630-08-0 CARBON MONOXIDE

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:

Combined carbon monoxide emissions from emission units will be limited to 95 tons per year. Carbon monoxide emissions will be tracked on a 12-month rolling total basis using production data, stack test data, generator operating hours and the most current AP-42 emission factors to calculate non-exempt emissions. Records will be made available to agency representatives upon request. Process specific compliance requirements are further described at the emission unit level elsewhere in this permit.

The initial report is due January 31, 2023.

Parameter Monitored: CARBON MONOXIDE
Upper Permit Limit: 95 tons
Monitoring Frequency: MONTHLY
Averaging Method: 12 MONTH AVERAGE - ROLLED MONTHLY
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2024.
Subsequent reports are due every 12 calendar month(s).

Condition 9: Compliance Demonstration
Effective between the dates of 04/21/2023 and 04/20/2033

Applicable Federal Requirement:6 NYCRR Subpart 202-1

Item 9.1:

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

Emission Unit: D--HMAD Emission Point: EP001
Process: LPG Emission Source: BAG01

Emission Unit: D--HMAD Emission Point: EP001
Process: LPG Emission Source: HMADR

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

Item 9.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

(a) Emissions testing using EPA reference methods shall be conducted once per permit term, for all aggregate processing units subject to this Subpart and while burning the worst-case fuel to determine emissions of Formaldehyde.

(1) The owner or operator shall comply with the following requirements:

(i) The initial performance test shall be performed within one hundred eighty (180) calendar days of the commencement of operation of any aggregate processing unit at the respective site, the owner or operator shall perform an emission test to establish the emissions of CO.

(ii) At least thirty (30) calendar days prior to commencing an emission test, a test protocol shall be submitted to the Department's Central Office and appropriate Regional Office for review and approval.

(iii) A complete test report shall be submitted to the Department no later than sixty (60) calendar days after completion of the on-site testing portion of an emission test program. A complete test report shall include a summary of the emission results clearly indicating if each pollutant measured is within permitted limits. The testing methods shall meet the acceptable procedures found in 6 NYCRR 202-1.3 to determine compliance.

Parameter Monitored: FORMALDEHYDE

Lower Permit Limit: 0 pounds per hour

Reference Test Method: Approved EPA Reference Test Method

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD - SEE MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 10: Compliance Demonstration

Effective between the dates of 04/21/2023 and 04/20/2033

Applicable Federal Requirement: 6 NYCRR Subpart 202-1

Item 10.1:

The Compliance Demonstration activity will be performed for the facility:

The Compliance Demonstration applies to:

Emission Unit: D--HMAD

Emission Point: EP001

Process: LPG

Emission Source: BAG01

Emission Unit: D--HMAD

Emission Point: EP001

Process: LPG

Emission Source: HMADR

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 10.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

(a) Emissions testing using EPA reference methods shall be conducted once per permit term, for all aggregate processing units subject to this Subpart and while burning the worst-case fuel to verify compliance with filterable and condensable particulate matter (PM) emission limits.

(1) The owner or operator shall comply with the following requirements:

(i) The initial performance test shall be performed within one hundred eighty (180) calendar days of the commencement of operation of any aggregate processing unit at the respective site, the owner or operator shall perform an emission test to establish the emissions of filterable and condensable PM.

(ii) At least thirty (30) calendar days prior to commencing an emission test, a test protocol shall be submitted to the Department's Central Office and appropriate Regional Office for review and approval.

(iii) A complete test report shall be submitted to the Department no later than sixty (60) calendar days after completion of the on-site testing portion of an emission test program. A complete test report shall include a summary of the emission results clearly indicating if each pollutant measured is within permitted limits. The testing methods shall meet the acceptable procedures found in 6 NYCRR 202-1.3 to determine compliance.

(iv) Emissions of filterable and condensable particulate matter shall not exceed 0.03 grains per dry standard cubic feet.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.03 grains per dscf

Reference Test Method: EPA Approved Test Method

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: MAXIMUM - NOT TO EXCEED STATED VALUE - SEE MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 11: Compliance Demonstration

Effective between the dates of 04/21/2023 and 04/20/2033

Applicable Federal Requirement:6 NYCRR Subpart 202-1

Item 11.1:

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

Emission Unit: D--HMAD	Emission Point: EP001
Process: LPG	Emission Source: BAG01
Emission Unit: D--HMAD	Emission Point: EP001
Process: LPG	Emission Source: HMADR
Regulated Contaminant(s):	
CAS No: 0NY210-00-0	OXIDES OF NITROGEN

Item 11.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

(a) Emissions testing using EPA reference methods shall be conducted once per permit term, for all aggregate processing units subject to this Subpart and while burning the worst-case fuel to verify facility emissions of NO_x.

(1) The owner or operator shall comply with the following requirements:

(i) The initial performance test shall be performed within one hundred eighty (180) calendar days of the commencement of operation of any aggregate processing unit at the respective site, the owner or operator shall perform an emission test to establish the emissions of NO_x.

(ii) At least thirty (30) calendar days prior to commencing an emission test, a test protocol shall be submitted to the Department's Central Office and appropriate Regional Office for review and approval.

(iii) A complete test report shall be submitted to the Department no later than sixty (60) calendar days after completion of the on-site testing portion of an emission test program. A complete test report shall include a summary of the emission results clearly indicating if each pollutant measured is within permitted limits. The testing methods shall meet the acceptable procedures found in 6 NYCRR 202-1.3 to determine compliance.

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 90 parts per million by volume (dry, corrected to 3% oxygen)

Reference Test Method: EPA Test Method

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING

DESCRIPTION
 Averaging Method: AVERAGING METHOD - SEE MONITORING
 DESCRIPTION
 Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 12: Compliance Demonstration
Effective between the dates of 04/21/2023 and 04/20/2033

Applicable Federal Requirement:6 NYCRR Subpart 202-1

Item 12.1:

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

Emission Unit: D--HMAD Process: LPG	Emission Point: EP001 Emission Source: BAG01
Emission Unit: D--HMAD Process: LPG	Emission Point: EP001 Emission Source: HMADR
Regulated Contaminant(s): CAS No: 000630-08-0	CARBON MONOXIDE

Item 12.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

(a) Emissions testing using EPA reference methods shall be conducted once per permit term, for all aggregate processing units subject to this Subpart and while burning the worst-case fuel to determine emissions of Carbon Monoxide (CO).

(1) The owner or operator shall comply with the following requirements:

(i) The initial performance test shall be performed within one hundred eighty (180) calendar days of the commencement of operation of any aggregate processing unit at the respective site, the owner or operator shall perform an emission test to establish the emissions of CO.

(ii) At least thirty (30) calendar days prior to commencing an emission test, a test protocol shall be submitted to the Department's Central Office and appropriate Regional Office for review and approval.

(iii) A complete test report shall be submitted to the Department no later than sixty (60) calendar days after completion of the on-site testing portion of an emission test program. A complete test report shall include a summary of the emission results clearly indicating if each pollutant measured is within permitted limits. The testing methods shall meet the acceptable procedures found in 6 NYCRR 202-1.3 to determine compliance.

Parameter Monitored: CARBON MONOXIDE
Lower Permit Limit: 0 parts per million (by volume)
Reference Test Method: EPA Test Method
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Averaging Method: AVERAGING METHOD - SEE MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 13: Visible Emissions Limited
Effective between the dates of 04/21/2023 and 04/20/2033

Applicable Federal Requirement:6 NYCRR 211.2

Item 13.1:
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 14: Compliance Demonstration
Effective between the dates of 04/21/2023 and 04/20/2033

Applicable Federal Requirement:6 NYCRR 212-1.5 (e) (1)

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:

A process emission source subject to a Federal NSPS under 40 CFR Part 60 (see Table 1, Section 200.9 of this Title) satisfies the requirements of this Part for the respective air contaminant regulated by the Federal standard if the facility owner or operator can demonstrate that the facility is in compliance with the relevant Federal regulation.

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 15: Compliance Demonstration
Effective between the dates of 04/21/2023 and 04/20/2033

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

Item 15.1:
The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 000050-00-0 FORMALDEHYDE

Item 15.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

The asphalt production processes at this facility emit formaldehyde which is listed as a High Toxicity Air Contaminant in 6 NYCRR Part 212. The Department has assigned these emissions an A rating. Accordingly, the facility owner or operator must demonstrate that emissions of formaldehyde from this facility do not exceed the annual guideline concentration based on dispersion modeling. In order to demonstrate continuous compliance with this requirement, the facility owner or operator shall complete a NYSDEC approved dispersion model using the most recent stack testing data, to ensure that they do not cause the facility to exceed the specified limit. The initial model must be submitted to the NYSDEC within 180 days after start of operation. Based on the results of the NYSDEC approved dispersion model, asphalt production will be limited to ensure compliance with the specified limits.

The facility owner or operator shall maintain a record of each monthly calculation of asphalt production and provide a 12-month total (rolled monthly). All data necessary to make the calculations must also be kept on site for a period of at least five years. Records kept pursuant to this condition must be provided to the NYSDEC upon request. The facility owner or operator shall prepare and submit to the NYSDEC an annual emissions statement indicating the results of each monthly calculation, to ensure compliance with the specified limits of this condition.

Parameter Monitored: FORMALDEHYDE

Upper Permit Limit: 0.06 micrograms per cubic meter

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Averaging Method: 12-MONTH TOTAL, ROLLED MONTHLY

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 16: Compliance Demonstration**Effective between the dates of 04/21/2023 and 04/20/2033****Applicable Federal Requirement: 6 NYCRR 212-2.3 (b)****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: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The Facility Owner or Operator must submit a Department approved dispersion model, which demonstrates that the maximum offsite air concentration is less than the applicable AGC/SGC for formaldehyde. The Facility must provide annual tonnage production rates and stack parameters used in the dispersion modeling, included in the model submittal.

The Facility must operate in accordance with the Department approved production rates and stack parameters as provided in the dispersion model. The Facility must notify the Department within 30 days, if there is a change in stack parameters and production rates. The Department may require a new submittal of a new model.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 17: Compliance Demonstration
Effective between the dates of 04/21/2023 and 04/20/2033

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

Item 17.1:

The Compliance Demonstration activity will be performed for the facility:

The Compliance Demonstration applies to:

Emission Unit: D--HMAD	Emission Point: EP001
Process: LPG	Emission Source: BAG01
Emission Unit: D--HMAD	Emission Point: EP001
Process: LPG	Emission Source: HMADR

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

Item 17.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

In order to demonstrate continuous compliance with the particulate matter emission standard, the facility owner or operator shall utilize a pressure drop monitoring gauge to verify the operating efficiency of the fabric filter(s)/collector(s) (Baghouse(s)). The facility owner or operator shall check the pressure drop gauge daily to determine if the pressure drop gauge reading is within the specified range. If the pressure

drop gauge reading is not within the specified range, corrective action is required.

Daily records of the pressure drop gauge readings are to be maintained on-site for a period of at least five years. Such records shall include the date and time of the reading, the observed gauge reading, the name or initials of the operator making the reading, and a description of any corrective action taken. In addition, the facility owner or operator shall maintain a record of all maintenance activities conducted on the baghouse.

Parameter Monitored: PRESSURE DROP

Lower Permit Limit: 3 inches of water

Upper Permit Limit: 9 inches of water

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

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

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 18: Compliance Demonstration
Effective between the dates of 04/21/2023 and 04/20/2033

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

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 or operators of emission sources that fire distillate oil are limited to a 0.0015 percent sulfur content by weight of the fuel. Compliance with the sulfur-in-fuel limitation is based on fuel vendor receipts. All fuel vendor receipts must be maintained on site or at a Department approved alternative location for a minimum of five years.

Note - Process sources and incinerators must comply with the above requirements on or after July 1, 2023.

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: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2024.
Subsequent reports are due every 12 calendar month(s).

Condition 19: Compliance Demonstration
Effective between the dates of 04/21/2023 and 04/20/2033

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

Item 19.1:
The Compliance Demonstration activity will be performed for the Facility.

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

Item 19.2:
Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:

The owner or operator of a stationary combustion installation shall submit a compliance test protocol to the Department for approval at least 30 days prior to conducting compliance testing of the 0.1 lb/mmBtu particulate matter standard. The owner or operator shall submit the results to the Department for approval within 60 days of the conclusion of compliance testing. Testing shall be conducted once per term of the permit. All records associated with the testing shall be maintained on site or at a Department approved alternative location for a minimum of five years.

Parameter Monitored: PARTICULATES
Upper Permit Limit: 0.1 pounds per million Btus
Reference Test Method: 40 CFR 60, Appendix A, Method 5
Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 20: Compliance Demonstration
Effective between the dates of 04/21/2023 and 04/20/2033

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

Item 20.1:
The Compliance Demonstration activity will be performed for the Facility.

Item 20.2:
Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

The owner or operator of a stationary combustion installation must perform an annual tune-up on each emission source subject to 6 NYCRR Subpart 227-1. Records

of the tune-up shall be maintained at the facility or at a Department approved alternative location for a minimum of five years. The records shall, at a minimum, include the date the tune-up(s) occurred and the details of the tune-up procedures for each emission source.

Monitoring Frequency: ANNUALLY
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2024.
Subsequent reports are due every 12 calendar month(s).

Condition 21: Compliance Demonstration
Effective between the dates of 04/21/2023 and 04/20/2033

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

Item 21.1:

The Compliance Demonstration activity will be performed for the Facility.

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

Item 21.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions of solid particulates are limited to 0.04 grains of particulates per cubic foot of exhaust gas (90 mg/dscm), expressed at standard conditions on a dry gas basis. The facility owner or operator must submit a test protocol to the Department for approval at least 30 days prior to the proposed compliance test. The facility owner or operator must submit the compliance test results to the Department for approval within 60 days of the completion of the compliance test.

All records associated with this condition must be maintained at the facility or at a Department approved alternative location for a minimum of 10 years.

Parameter Monitored: PARTICULATES
Upper Permit Limit: 0.04 grains per dscf
Reference Test Method: Method 5
Monitoring Frequency: ONCE EVERY TEN YEARS
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 22: Compliance Demonstration
Effective between the dates of 04/21/2023 and 04/20/2033

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

Item 22.1:

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

Emission Unit: D--HMAD

Emission Unit: D--HMAD Emission Point: EP001
Process: LPG

Emission Unit: D--HMAD Emission Point: EP001
Process: LPG Emission Source: BAG01

Emission Unit: D--HMAD Emission Point: EP001
Process: LPG Emission Source: HMADR

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

Item 22.2:

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 a six minute average opacity of 20 percent or greater.

The facility owner or operator shall conduct a visible emissions observation of all emission points specified by this condition once per day while the process is in operation. The facility owner or operator 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 specified above.

The facility owner or operator 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 limit specified (except the emission of uncombined water) are observed for three consecutive operating days from the same emission point, the facility owner or operator will notify the Department of the observations within one business day. The facility owner or operator will also perform an EPA Reference Test Method 9 opacity evaluation analysis of the affected emission point and submit the results to the Department.

Daily records of the visible emissions observations, any follow-up Method 9 observations, investigations, and corrective actions taken are to be maintained on site for a period of at least five years from the date of the record. Such records shall include the date and time of each observation, weather conditions, results of the

observation, corrective actions taken, and explanations for days when weather conditions were prohibitive.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 20 percent

Reference Test Method: EPA Reference Test Method 9

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2024.

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

Condition 23: Applicability
Effective between the dates of 04/21/2023 and 04/20/2033

Applicable Federal Requirement:40CFR 63, Subpart ZZZZ

Item 23.1:

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

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

Condition 24: Compliance Demonstration
Effective between the dates of 04/21/2023 and 04/20/2033

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

Item 24.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: D--HMAD

Item 24.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The Facility Owner or Operator must submit a Department approved dispersion model, which demonstrates that the maximum offsite air concentration is less than the applicable AGC/SGC for formaldehyde. The Facility must provide annual tonnage production rates and stack parameters used in the dispersion modeling, included in the model submittal.

The Facility must operate in accordance with the Department approved production rates and stack parameters as provided in the dispersion model. The Facility must

notify the Department within 30 days, if there is a change in stack parameters and production rates. The Department may require a new submittal of a new model.

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 1/30/2024.
Subsequent reports are due every 12 calendar month(s).

Condition 25: Compliance Demonstration
Effective between the dates of 04/21/2023 and 04/20/2033

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

Item 25.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: D--HMAD

Regulated Contaminant(s):
CAS No: 0NY210-00-0 OXIDES OF NITROGEN

Item 25.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

Prior to the replacement of each aggregate dryer burner, the owner or operator of a hot mix asphalt plant shall submit documentation to the Department for approval indicating that each replacement burner is designed to reduce emissions of Oxides of Nitrogen (NOx). Such documentation shall include a vendor certification or guarantee that the unit is a low NOx burner and the emission rate of NOx for each fuel combusted by the facility.

The facility owner or operator may not commence replacement of the burner until approval has been received from the Department.

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 26: Compliance Demonstration
Effective between the dates of 04/21/2023 and 04/20/2033

Applicable Federal Requirement:6 NYCRR 212-1.5 (d)

Item 26.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: D--HMAD

Process: LPG

Emission Source: HMADR

Item 26.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

In instances where a facility owner or operator can demonstrate to the satisfaction of the department that the facility owner or operator will apply BACT for criteria air contaminants or T-BACT for non-criteria air contaminants, the department may specify a less restrictive permissible emission rate or degree of air cleaning for the process emission source or emission point than required under Subpart 212-2 of this Part.

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2024.

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

Condition 27: Compliance Demonstration

Effective between the dates of 04/21/2023 and 04/20/2033

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

Item 27.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: D--HMAD

Emission Point: EP001

Item 27.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The facility owner or operator shall not allow emissions of an air contaminant to violate the requirements specified in Subdivision 212-2.3(b), Table 4 – Degree of Air Cleaning Required for Non-Criteria Air Contaminants for the environmental rating assigned to the contaminant by the department.

A process emission source emitting an air contaminant and having an emission rate potential (ERP) of less than 0.1 pound per hour and an Environmental Rating of A must meet the annual and short term guideline concentrations for the air contaminant at the fence line of the facility and be less than the PB trigger mass emission limit.

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2024.

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

Condition 28: Compliance Demonstration
Effective between the dates of 04/21/2023 and 04/20/2033

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

Item 28.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: D--HMAD	Emission Point: EP001
Process: LPG	Emission Source: HMADR

Item 28.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

(a)The owner or operator shall conduct a burner tuning procedure in accordance with the manufacturer's specifications to minimize NOx and CO emissions each year. The owner or operator shall conduct each annual tune-up no later than June 15 of each year or within four (4) weeks after a start-up of the aggregate processing unit, excluding cold patch operations.

(1) Monitoring records stating the following information shall be kept on site for a minimum of five (5) years and shall be made available to the Department upon request.

- (i) The date of the tuning procedure;
- (ii) The name of the servicing company and technician;
- (iii) The production rate (tons/hr) or load before and after tuning;
- (iv) The NOx and CO concentrations (ppmvd @ 3% O2) before and after tuning; and
- (v) The percent O2 before and after tuning.

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 1/30/2024.

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

Condition 29: Compliance Demonstration
Effective between the dates of 04/21/2023 and 04/20/2033

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

Item 29.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: D--HMAD	Emission Point: EP001
Process: LPG	Emission Source: HMADR

Item 29.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The facility must submit to the NYSDEC a moisture control 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 on a daily basis. Daily inspections must be recorded and kept on site for a period of 5 years.

The plan must be submitted to the department prior to start-up of the facility.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 30: Compliance Demonstration
Effective between the dates of 04/21/2023 and 04/20/2033

Applicable Federal Requirement:40CFR 63.6660, Subpart ZZZZ

Item 30.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: G-GENER

Item 30.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Records must be in a form suitable and readily available for expeditious review according to 40 CFR 63.10(b)(1).

As specified in 40 CFR 63.10(b)(1), the owner or operator must keep each record for 5 years following the date of each occurrence, measurement, maintenance, corrective action, report, or record.

The owner or operator must keep each record readily accessible in hard copy or electronic form for at least 5 years after the date of each occurrence, measurement, maintenance, corrective action, report, or record, according to 40 CFR 63.10(b)(1).

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

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 in 6 NYCRR 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 demonstrate, 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 facility was being properly operated and maintained;

(3) during the period of the emergency the facility owner or operator took all reasonable steps to minimize the 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 any 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 malfunction 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 31: Contaminant List
Effective between the dates of 04/21/2023 and 04/20/2033

Applicable State Requirement:ECL 19-0301

Item 31.1:

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: 0NY075-00-5
Name: PM-10

CAS No: 0NY075-02-5

Name: PM 2.5

CAS No: 0NY210-00-0

Name: OXIDES OF NITROGEN

CAS No: 0NY998-00-0

Name: VOC

Condition 32: Malfunctions and Start-up/Shutdown Activities
Effective between the dates of 04/21/2023 and 04/20/2033

Applicable State Requirement:6 NYCRR 201-1.4

Item 32.1:

(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 maintenance and start-up/shutdown activities when they are expected to result in an exceedance of any applicable emission standard, and shall submit a report of such activities to the department when required by a permit condition or upon request by the department. Such reports shall state whether an exceedance occurred and if it was unavoidable, include the time, frequency and duration of the exceedance, 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 monitoring and quarterly reporting requirements need not submit additional reports of exceedances to the department.

(c) In the event that air contaminant emissions exceed any applicable emission standard due to a malfunction, the facility owner or operator shall 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. In addition, the facility owner or operator shall compile and maintain a record of all malfunctions. Such records shall be maintained at the facility for a period of at least five years and must be made available to the department upon request. 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, the air contaminants emitted, and the resulting emission rates and/or opacity.

(d) The department may also require the facility 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 33: Emission Unit Definition

Effective between the dates of 04/21/2023 and 04/20/2033

Applicable State Requirement:6 NYCRR Subpart 201-5

Item 33.1:

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

Emission Unit: D--HMAD

Emission Unit Description:

D-HMAD consists of a double barrel drum bituminous concrete plant. The plant is rated at 400 tons per hour and will be fueled by propane. Additional equipment supporting the operation will include: liquid asphalt cement and petroleum storage tanks, aggregate storage bins and stockpiles, hot bituminous concrete storage silos, tank heaters, conveyors, RAP hoppers and RAP screen, a scale, control house, and load out equipment. Hot bituminous concrete is produced by combining liquid asphalt cement, aggregate, and reclaimed asphalt pavement (RAP). The liquid asphalt cement is stored in heated aboveground tanks. aggregate and RAP are stored in designated stockpiles on site. The double barrel mixer drum heats aggregate in the interior barrel and then blends it with the liquid asphalt cement and RAP in the outer barrel to produce hot bituminous concrete. The double barrel drum mixer is vented to a baghouse filter system. The hot mix is then transferred to storage silos to where it is directly loaded into trucks.

Item 33.2:

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

Emission Unit: G-GENER

Emission Unit Description:

G-GENER consists of a 1341 hp Caterpillar C32 diesel-fired generator engine. the unit will be utilized to provide electrical power to the Hot Mix Asphalt Plant.

Condition 34: Renewal deadlines for state facility permits

Effective between the dates of 04/21/2023 and 04/20/2033

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

Item 34.1:

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

Condition 35: Compliance Demonstration

Effective between the dates of 04/21/2023 and 04/20/2033

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

Item 35.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 35.2:

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 7
615 Erie Blvd West
Syracuse, NY 13204

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2024.

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

Condition 36: Compliance Demonstration
Effective between the dates of 04/21/2023 and 04/20/2033

Applicable State Requirement:6 NYCRR 201-5.4

Item 36.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 36.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

No later than 90 days after the effective date of "6 NYCRR Subpart 220-3 Asphalt Pavement Manufacturing Plants," the facility must submit a time line of compliance to the NYSDEC Region 7 Office. The notification must include submittal dates for the application modification and any expected construction improvements.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 37: Air pollution prohibited
Effective between the dates of 04/21/2023 and 04/20/2033

Applicable State Requirement:6 NYCRR 211.1

Item 37.1:

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 38: Compliance Demonstration
Effective between the dates of 04/21/2023 and 04/20/2033

Applicable State Requirement:6 NYCRR 212-2.1

Item 38.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 38.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Owners or operators of an Asphalt Manufacturing Plant shall record the following information, as applicable, for each aggregate processing unit daily during the operating season, including and identifying days when no asphalt paving material is being manufactured:

- (1) Tons produced of asphalt paving material
- (2) RAP used in tons of material
- (3) Recorded hours of burner operation
- (4) Baghouse differential pressure
- (5) Warm Mix tons produced
- (6) Amount of fuel consumed
- (7) Type of fuel consumed
- (8) Certified visual stack opacity reading of baghouse emissions, using Method 9
- (9) Average hourly Stack Temperature
- (10) RAP moisture content – minimize and monitor

Monitoring Frequency: ANNUALLY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2024.

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

Condition 39: Compliance Demonstration
Effective between the dates of 04/21/2023 and 04/20/2033

Applicable State Requirement:6 NYCRR 212-2.1

Item 39.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 39.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator shall not cause or allow emissions, from process emission sources and/or emission points associated with a process operation, to the atmosphere in excess of:

1. for all high toxicity air contaminants the respective mass emission limit in 6 NYCRR 212-2.2, Table 2. All emissions that exceed the emission limits outlined in 6 NYCRR 212-2.2, Table 2, must complete and Air Toxics Analysis as described in DAR-1, to ensure compliance with Annual Guideline Concentrations or Short-term Guideline Concentrations.

2. for emissions that would result in a predicted ambient impact in excess of the Annual Guideline Concentrations or Short-term Guideline Concentrations as described in DAR-1;

The ambient impact assessment must be based on:

a. Department approved modelling results and calculations using emission factors based on AP-42 or emission factors based on the results of a valid, Department approved stack test. The stack test must use a Department approved protocol. The protocol must be submitted to the Department at least 30 days before the test is conducted.

and

b. If applicable, a Department approved T-BACT analysis as described in DAR-1.

3. for A-rated contaminants, an emission rate potential of 0.1 pounds per hour, or those emissions that would result in a predicted ambient impact in excess of the Annual Guideline Concentrations and Short-term Guideline Concentrations as described in DAR-1, whichever is less;

and

4. for B-rated and C-rated contaminants, an emission rate potential of 10 pounds per hour, or those emissions that would result in a predicted ambient impact in excess of the Annual Guideline Concentrations and Short-term Guideline Concentrations as described in DAR-1, whichever is less.

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 1/30/2024.

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

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

**Condition 40: Emission Point Definition By Emission Unit
Effective between the dates of 04/21/2023 and 04/20/2033**

Applicable State Requirement:6 NYCRR Subpart 201-5

Item 40.1:

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

Emission Unit: D--HMAD

Emission Point: EP001

Height (ft.): 45

Diameter (in.): 50

NYTMN (km.): 4757.021 NYTME (km.): 452.666

Item 40.2:

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

Emission Unit: G-GENER

Emission Point: EP002

Height (ft.): 7 Diameter (in.): 4

NYTMN (km.): 4757. NYTME (km.): 452.

**Condition 41: Process Definition By Emission Unit
Effective between the dates of 04/21/2023 and 04/20/2033**

Applicable State Requirement:6 NYCRR Subpart 201-5

Item 41.1:

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

Emission Unit: D--HMAD

Process: LPG

Source Classification Code: 3-05-002-05

Process Description:

The operation of an Astec RDB-9640 Drum Mixer with a propane-fired Phoenic Talon PT-100G (or equivalent) 100 MBTU burner.

Emission Source/Control: BAG01 - Control

Control Type: FABRIC FILTER

Emission Source/Control: HMADR - Process

Design Capacity: 400 tons per hour

Item 41.2:

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

Emission Unit: G-GENER

Process: DSL

Source Classification Code: 2-02-001-02

Process Description:

The operation of a 1341 hp diesel-fired Caterpillar C32 generator.

Emission Source/Control: GENER - Combustion

Design Capacity: 1,341 horsepower (electric)

