



PERMIT
Under the Environmental Conservation Law (ECL)

IDENTIFICATION INFORMATION

Permit Type: Air State Facility
Permit ID: 4-0199-00001/00038
Effective Date: 03/01/2012 Expiration Date: No expiration date

Permit Issued To: CALLANAN INDUSTRIES INC
PO BOX 15097
ALBANY, NY 12212-5097

Contact: MARK A CLEMENTE
CALLANAN INDUSTRIES INC
1245 KINGS ROAD
ALBANY, NY 12212
(518) 374-2222

Facility: CALLANAN IND SO BETHLEHEM OPERATION
CO RTE 101 - W SIDE - S OF ST RTE 396
SOUTH BETHLEHEM, NY 12161

Description:

This permit authorizes the operation of stone processing equipment which includes: an approximate 180 tons per hour batch mix asphalt plant; an approximate 750 tons per hour permanent aggregate stone processing plant; an approximate 400 tons per hour drum mix asphalt plant, and an approximate 700 tons per hour diesel engine powered portable stone processing facility.

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

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

Authorized Signature: _____
Date: ___ / ___ / _____



Notification of Other State Permittee Obligations

Item A: Permittee Accepts Legal Responsibility and Agrees to Indemnification

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

Item B: Permittee's Contractors to Comply with Permit

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

Item C: Permittee Responsible for Obtaining Other Required Permits

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

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

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



LIST OF CONDITIONS

DEC GENERAL CONDITIONS

General Provisions

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

Facility Level

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



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

Condition 1: Facility Inspection by the Department

Applicable State Requirement: ECL 19-0305

Item 1.1:

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

Item 1.2:

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

Item 1.3:

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

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

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

Item 2.1:

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

Condition 3: Applications for permit renewals, modifications and transfers

Applicable State Requirement: 6 NYCRR 621.11

Item 3.1:

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

Item 3.2:

The permittee must submit a renewal application at least 180 days before expiration of permits for Title V Facility Permits, or at least 30 days before expiration of permits for 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.



Applicable State Requirement: 6 NYCRR 621.13

Item 4.1:

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

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

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

Condition 5: Submission of application for permit modification or renewal-REGION 4 HEADQUARTERS

Applicable State Requirement: 6 NYCRR 621.6 (a)

Item 5.1:

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

New York State Department of Environmental Conservation

Permit ID: 4-0199-00001/00038

Facility DEC ID: 4019900001



Permit Under the Environmental Conservation Law (ECL)

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

IDENTIFICATION INFORMATION

Permit Issued To: CALLANAN INDUSTRIES INC
PO BOX 15097
ALBANY, NY 12212-5097

Facility: CALLANAN IND SO BETHLEHEM OPERATION
CO RTE 101 - W SIDE - S OF ST RTE 396
SOUTH BETHLEHEM, NY 12161

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

Permit Effective Date: 03/01/2012
date.

Permit Expiration Date: No expiration
date.



LIST OF CONDITIONS

FEDERALLY ENFORCEABLE CONDITIONS

Facility Level

- 1 6 NYCRR 201-3.2 (a): Exempt Sources - Proof of Eligibility
- 2 6 NYCRR 202-1.1: Required Emissions Tests
- 3 6 NYCRR Subpart 201-7: Facility Permissible Emissions
- *4 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- *5 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- *6 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- 7 6 NYCRR 211.1: Air pollution prohibited
- 8 6 NYCRR 225-1.8 (a): Compliance Demonstration
- 9 6 NYCRR 225-2.4: Compliance Demonstration
- 10 6 NYCRR 225-2.7 (d): Availability of records for Department inspection.
- 11 40CFR 60, NSPS Subpart IIII: Compliance Demonstration
- 12 40CFR 63, Subpart ZZZZ: Compliance Demonstration

Emission Unit Level

- 13 6 NYCRR Subpart 201-7: Emission Unit Permissible Emissions

EU=U-AG001,Proc=SC1

- 14 40CFR 60.672(e)(1), NSPS Subpart OOO: Compliance Demonstration

EU=U-AG001,Proc=SC2

- 15 40CFR 60.672(e)(1), NSPS Subpart OOO: Compliance Demonstration

EU=U-AG001,Proc=SC3

- 16 40CFR 60.672(e)(1), NSPS Subpart OOO: Compliance Demonstration

EU=U-AG001,Proc=SC4

- 17 40CFR 60.672(e)(1), NSPS Subpart OOO: Compliance Demonstration

EU=U-DRUM1

- 18 6 NYCRR 212.6 (a): Compliance Demonstration
- 19 6 NYCRR 212.6 (a): Compliance Demonstration
- 20 6 NYCRR 225-2.3 (b) (3): Compliance Demonstration
- 21 40 CFR Part 50: Compliance Demonstration

EU=U-DRUM1,EP=00022,Proc=DRA

- 22 6 NYCRR 225-2.4 (a) (2): Compliance Demonstration
- 23 6 NYCRR 225-2.4 (a) (2): Compliance Demonstration
- 24 6 NYCRR 225-2.4 (a) (2): Compliance Demonstration
- 25 6 NYCRR 225-2.4 (a) (2): Compliance Demonstration
- 26 40 CFR Part 50: Compliance Demonstration

STATE ONLY ENFORCEABLE CONDITIONS

Facility Level

- 27 ECL 19-0301: Contaminant List
- 28 6 NYCRR 201-1.4: Unavoidable noncompliance and violations
- 29 6 NYCRR Subpart 201-5: Emission Unit Definition
- 30 6 NYCRR 211.2: Visible Emissions Limited

New York State Department of Environmental Conservation

Permit ID: 4-0199-00001/00038

Facility DEC ID: 4019900001



31 6 NYCRR 211.2: Compliance Demonstration

Emission Unit Level

32 6 NYCRR Subpart 201-5: Emission Point Definition By Emission Unit

33 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: Emergency Defense - 6 NYCRR 201-1.5

An emergency constitutes an affirmative defense to an action brought 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 and/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;
- (3) During the period of the emergency the facility owner and/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 and/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 and/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 F: 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 G: 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 H: 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 I: 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 J: 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 K: 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 L: 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 M: 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: Exempt Sources - Proof of Eligibility



Effective between the dates of 03/01/2012 and Permit Expiration Date

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

Item 1.1:

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 this Subpart. 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 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.

Condition 2: Required Emissions Tests

Effective between the dates of 03/01/2012 and Permit Expiration Date

Applicable Federal Requirement:6 NYCRR 202-1.1

Item 2.1:

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 3: Facility Permissible Emissions

Effective between the dates of 03/01/2012 and Permit Expiration Date

Applicable Federal Requirement:6 NYCRR Subpart 201-7

Item 3.1:

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 Name: CARBON MONOXIDE	PTE: 190,000 pounds per year
CAS No: 007446-09-5 Name: SULFUR DIOXIDE	PTE: 190,000 pounds per year
CAS No: 0NY075-00-5 Name: PM-10	PTE: 190,000 pounds per year
CAS No: 0NY100-00-0 Name: HAP	PTE: 47,500 pounds per year
CAS No: 0NY210-00-0 Name: OXIDES OF NITROGEN	PTE: 190,000 pounds per year
CAS No: 0NY998-00-0	PTE: 95,000 pounds per year



Name: VOC

Condition 4: Capping Monitoring Condition
Effective between the dates of 03/01/2012 and Permit Expiration Date

Applicable Federal Requirement: 6 NYCRR Subpart 201-7

Item 4.1:

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 4.2:

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

Item 4.3:

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 4.4:

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 4.5:

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 4.6:

The Compliance Demonstration activity will be performed for the Facility.

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

Item 4.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes
Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
VOC emissions combined from four emission units will be



limited to 47.5 tons/yr. Emissions will be tracked on a 12 month rolling total basis, using production data and current AP-42 emission factors (factors at the time of permit issuance dated 10/1/2011) to calculate nonexempt emissions. Asphalt tonnage shall be included in the annual report.

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 1/30/2013.

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

Condition 5: Capping Monitoring Condition
Effective between the dates of 03/01/2012 and Permit Expiration Date

Applicable Federal Requirement:6 NYCRR Subpart 201-7

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:

New York State Department of Environmental Conservation

Permit ID: 4-0199-00001/00038

Facility DEC ID: 4019900001



The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):
CAS No: 0NY100-00-0 HAP

Item 5.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes
Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Total HAP emissions combined from four emission units will be limited to 23.75 tons/yr. Emissions will be tracked on a 12 monthly rolling basis, using production data and most current AP-42 emission factors (factors at the time of permit issuance dated 10/11 to calculate nonexempt emissions. Asphalt tonnage shall be included in the annual report.

Monitoring Frequency: MONTHLY
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2013.
Subsequent reports are due every 12 calendar month(s).

Condition 6: Capping Monitoring Condition
Effective between the dates of 03/01/2012 and Permit Expiration Date

Applicable Federal Requirement:6 NYCRR Subpart 201-7

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

New York State Department of Environmental Conservation

Permit ID: 4-0199-00001/00038

Facility DEC ID: 4019900001



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.

Regulated Contaminant(s):

CAS No: 007446-09-5	SULFUR DIOXIDE
CAS No: 0NY075-00-5	PM-10
CAS No: 0NY210-00-0	OXIDES OF NITROGEN
CAS No: 000630-08-0	CARBON MONOXIDE

Item 6.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Emissions combined from four emission units will be limited to 95 tons/yr. Emissions will be tracked on a 12 month rolling total basis, using production data and current AP-42 emission factors (factors at the time of permit issuance dated 10/1/2011) to calculate nonexempt emissions. Asphalt tonnage shall be included in the annual report.

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 1/30/2013.

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

Condition 7: Air pollution prohibited

Effective between the dates of 03/01/2012 and Permit Expiration Date

Applicable Federal Requirement:6 NYCRR 211.1

Item 7.1:

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 8: Compliance Demonstration
Effective between the dates of 03/01/2012 and Permit Expiration Date

Applicable Federal Requirement:6 NYCRR 225-1.8 (a)

Item 8.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 8.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The permittee shall retain fuel oil supplier certifications for each shipment of oil received. Such certifications shall contain, as a minimum: supplier name, date of shipment, quantity shipped, heating value of the oil, oil sulfur content, and the method used to determine the sulfur content. Such certifications shall be available for inspection by, or submittal to, NYSDEC upon request.

Monitoring Frequency: PER DELIVERY

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 9: Compliance Demonstration
Effective between the dates of 03/01/2012 and Permit Expiration Date

Applicable Federal Requirement:6 NYCRR 225-2.4

Item 9.1:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 007439-92-1 LEAD

Item 9.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

monitor waste oil for lead content

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: WASTE OIL

Parameter Monitored: LEAD

Upper Permit Limit: 25.0 parts per million by weight

Monitoring Frequency: PER BATCH OF PRODUCT/RAW MATERIAL CHANGE

New York State Department of Environmental Conservation

Permit ID: 4-0199-00001/00038

Facility DEC ID: 4019900001



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

Reporting Requirements: QUARTERLY (ANNIVERSARY)

Initial Report Due: 06/30/2012 for the period 03/01/2012 through 05/31/2012

**Condition 10: Availability of records for Department inspection.
Effective between the dates of 03/01/2012 and Permit Expiration Date**

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

Item 10.1:

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 11: Compliance Demonstration
Effective between the dates of 03/01/2012 and Permit Expiration Date**

Applicable Federal Requirement:40CFR 60, NSPS Subpart III

Item 11.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 11.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator shall determine the applicability of 40 CFR Part 60, Subpart III for each reciprocating internal combustion engine. The owner or operator shall develop procedures to determine applicability, and assure compliance, for new purchases of internal combustion engines.

Within 180 days of the effective date of this permit, the owner or operator shall submit to the DEC a report identifying each potentially-subject internal combustion engine (including emergency generators and fire pumps), and stating whether the engine has complied with 40 CFR Part 60, Subpart III. Thereafter, on an annual calendar year basis, the owner or operator shall certify whether any new engines have been added and if so, whether the owner or operator has complied with 40 CFR Part 63, Subpart III. This report may be combined with the owner's or operator's determination of applicability to 40 CFR Part 60, Subpart ZZZZ.

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 1/30/2013.
Subsequent reports are due every 12 calendar month(s).

Condition 12: Compliance Demonstration
Effective between the dates of 03/01/2012 and Permit Expiration Date

Applicable Federal Requirement:40CFR 63, Subpart ZZZZ

Item 12.1:
The Compliance Demonstration activity will be performed for the Facility.

Item 12.2:
Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

The owner or operator shall determine the applicability of 40 CFR Part 63, Subpart ZZZZ for each reciprocating internal combustion engine. The owner or operator shall develop procedures to determine applicability, and assure compliance, for new purchases of internal combustion engines.

Within 180 days of the effective date of this permit, the owner or operator shall submit to the DEC a report identifying each potentially-subject internal combustion engine (including emergency generators and fire pumps), and stating whether the engine has complied with 40 CFR Part 63, Subpart ZZZZ. Thereafter, on an annual calendar year basis, the owner or operator shall certify whether any new engines have been added and if so, whether the owner or operator has complied with 40 CFR Part 63, Subpart ZZZZ. This report may be combined with the owner's or operator's determination of applicability to 40 CFR Part 60, Subpart III.

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 1/30/2013.
Subsequent reports are due every 12 calendar month(s).

**** Emission Unit Level ****

Condition 13: Emission Unit Permissible Emissions
Effective between the dates of 03/01/2012 and Permit Expiration Date



Applicable Federal Requirement:6 NYCRR Subpart 201-7

Item 13.1:

The sum of emissions from all regulated processes specified in this permit for the emission unit cited shall not exceed the following Potential to Emit (PTE) rates for each regulated contaminant:

Emission Unit: U-AG002

CAS No: 000630-08-0

Name: CARBON MONOXIDE

PTE(s): 10.09 pounds per hour

3,816 pounds per year

Emission Unit: U-BCH01

CAS No: 000630-08-0

Name: CARBON MONOXIDE

PTE(s): 72 pounds per hour

40,000 pounds per year

Emission Unit: U-AG002

CAS No: 007446-09-5

Name: SULFUR DIOXIDE

PTE(s): 0.02 pounds per hour

7 pounds per year

Emission Unit: U-BCH01

CAS No: 007446-09-5

Name: SULFUR DIOXIDE

PTE(s): 15.84 pounds per hour

8,800 pounds per year

Emission Unit: U-AG002

CAS No: 0NY075-00-5

Name: PM-10

PTE(s): 4.97 pounds per hour

1,774 pounds per year

Emission Unit: U-BCH01

CAS No: 0NY075-00-5

Name: PM-10

PTE(s): 4.86 pounds per hour

2,702 pounds per year

Emission Unit: U-AG002

CAS No: 0NY210-00-0

New York State Department of Environmental Conservation

Permit ID: 4-0199-00001/00038

Facility DEC ID: 4019900001



Name: OXIDES OF NITROGEN
PTE(s): 27.82 pounds per hour
9,937 pounds per year

Emission Unit: U-BCH01

CAS No: 0NY210-00-0
Name: OXIDES OF NITROGEN
PTE(s): 21.6 pounds per hour
12,000 pounds per year

Emission Unit: U-AG002

CAS No: 0NY998-00-0
Name: VOC
PTE(s): 0.7 pounds per hour
386 pounds per year

Emission Unit: U-BCH01

CAS No: 0NY998-00-0
Name: VOC
PTE(s): 1.48 pounds per hour
820 pounds per year

Condition 14: Compliance Demonstration
Effective between the dates of 03/01/2012 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 60.672(e)(1), NSPS Subpart

OOO

Item 14.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-AG001
Process: SC1

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

Item 14.2:

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 building enclosing a source any
visible emissions.

Parameter Monitored: OPACITY
Upper Permit Limit: 0 percent

New York State Department of Environmental Conservation

Permit ID: 4-0199-00001/00038

Facility DEC ID: 4019900001



Reference Test Method: USEPA METHOD 22
Monitoring Frequency: DAILY
Averaging Method: 6-MINUTE AVERAGE (METHOD 22)
Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 15: Compliance Demonstration
Effective between the dates of 03/01/2012 and Permit Expiration Date

Applicable Federal Requirement:40CFR 60.672(e)(1), NSPS Subpart
OOO

Item 15.1:
The Compliance Demonstration activity will be performed for:

Emission Unit: U-AG001
Process: SC2

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

Item 15.2:
Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:
No owner or operator shall cause to be discharged into
the atmosphere from any building enclosing a source any
visible emissions.

Parameter Monitored: OPACITY
Upper Permit Limit: 0 percent
Reference Test Method: USEPA METHOD 22
Monitoring Frequency: DAILY
Averaging Method: 6-MINUTE AVERAGE (METHOD 22)
Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 16: Compliance Demonstration
Effective between the dates of 03/01/2012 and Permit Expiration Date

Applicable Federal Requirement:40CFR 60.672(e)(1), NSPS Subpart
OOO

Item 16.1:
The Compliance Demonstration activity will be performed for:

Emission Unit: U-AG001
Process: SC3

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

New York State Department of Environmental Conservation

Permit ID: 4-0199-00001/00038

Facility DEC ID: 4019900001



Item 16.2:

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 building enclosing a source any visible emissions.

Parameter Monitored: OPACITY

Upper Permit Limit: 0 percent

Reference Test Method: USEPA METHOD 22

Monitoring Frequency: DAILY

Averaging Method: 6-MINUTE AVERAGE (METHOD 22)

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 17: Compliance Demonstration
Effective between the dates of 03/01/2012 and Permit Expiration Date

Applicable Federal Requirement:40CFR 60.672(e)(1), NSPS Subpart

OOO

Item 17.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-AG001

Process: SC4

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:

No owner or operator shall cause to be discharged into the atmosphere from any building enclosing a source any visible emissions.

Parameter Monitored: OPACITY

Upper Permit Limit: 0 percent

Reference Test Method: USEPA METHOD 22

Monitoring Frequency: DAILY

Averaging Method: 6-MINUTE AVERAGE (METHOD 22)

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 18: Compliance Demonstration
Effective between the dates of 03/01/2012 and Permit Expiration Date

New York State Department of Environmental Conservation

Permit ID: 4-0199-00001/00038

Facility DEC ID: 4019900001



Applicable Federal Requirement:6 NYCRR 212.6 (a)

Item 18.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-DRUM1

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 18.2:

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 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 visible emissions observation (determining the presence or absence of visible emissions greater than the limit specified) of all emission points and/or emission sources once per day, during daylight hours, except during periods of extreme weather (fog, snow, rain). If any visible emissions are noted above the limit specified, corrective action is required.

Daily records of observations are to be maintained, including corrective actions taken and explanations for days when weather conditions are prohibitive, on-site for a period of five years.

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

Parameter Monitored: PARTICULATES

Upper Permit Limit: 20 percent

Monitoring Frequency: DAILY

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 19: Compliance Demonstration

Effective between the dates of 03/01/2012 and Permit Expiration Date

Applicable Federal Requirement:6 NYCRR 212.6 (a)

Item 19.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-DRUM1

New York State Department of Environmental Conservation

Permit ID: 4-0199-00001/00038

Facility DEC ID: 4019900001



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

Item 19.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

The operator will monitor the pressure differential across the baghouse on a daily basis. Daily records of the pressure differential readings are to be maintained, including corrective actions taken and maintenance activities, on site for a period of five years.

Parameter Monitored: PRESSURE CHANGE

Lower Permit Limit: 0.5 inches of water

Upper Permit Limit: 10 inches of water

Monitoring Frequency: DAILY

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

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 20: Compliance Demonstration
Effective between the dates of 03/01/2012 and Permit Expiration Date

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

Item 20.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-DRUM1

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

Item 20.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Combustion efficiency shall be at least 99% while burning Waste Fuel A. The facility shall demonstrate the efficiency using a NYSDEC approved protocol and with a NYSDEC witness. The protocol shall be submitted to the regional office within 90 days of the initiation of asphalt plant construction and the demonstration shall be completed within 90 days after the first purchase of Waste Fuel A. A written report of the demonstration shall be submitted to the regional office within 30 days of the demonstration.

New York State Department of Environmental Conservation

Permit ID: 4-0199-00001/00038

Facility DEC ID: 4019900001



Parameter Monitored: COMBUSTION EFFICIENCY

Lower Permit Limit: 99 percent

Reference Test Method: 40 CFR 60 APPENDIX A

Monitoring Frequency: SINGLE OCCURRENCE

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST
METHOD INDICATED

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 21: Compliance Demonstration
Effective between the dates of 03/01/2012 and Permit Expiration Date

Applicable Federal Requirement:40 CFR Part 50

Item 21.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-DRUM1

Regulated Contaminant(s):

CAS No: 007446-09-5 SULFUR DIOXIDE

Item 21.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

Sulfur content of fuel oils and Waste Fuel A limited to insure compliance with the national ambient air quality standards (NAAQS) and NY State standards for SO₂. This limit was used in dispersion modeling. Callanan shall retain fuel oil supplier certificates for each supplier. Such certifications shall contain, as a minimum: supplier name, date until certification is valid, and a statement indicating that the oil sulfur content is less than the upper limit. Such certifications must be retained by Callanan for five calendar years, kept on site and furnished to the department upon request.

Parameter Monitored: SULFUR CONTENT

Upper Permit Limit: .6 percent by weight

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

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

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 22: Compliance Demonstration
Effective between the dates of 03/01/2012 and Permit Expiration Date

Applicable Federal Requirement:6 NYCRR 225-2.4 (a) (2)

New York State Department of Environmental Conservation

Permit ID: 4-0199-00001/00038

Facility DEC ID: 4019900001



Item 22.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-DRUM1 Emission Point: 00022

Process: DRA

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:

Waste Fuel A must meet the definition specified in Part 225-2.2(b)(9). Specifically, the fuel shall contain no chemical waste. A copy of the analysis of the fuel received from deliverer must be retained by Callanan for five calendar years for each delivery. Such records shall be kept on site and furnished to the Department upon request.

Process Material: WASTE OIL

Parameter Monitored: CONCENTRATION

Upper Permit Limit: 0 percent

Monitoring Frequency: PER DELIVERY

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

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 23: Compliance Demonstration
Effective between the dates of 03/01/2012 and Permit Expiration Date

Applicable Federal Requirement:6 NYCRR 225-2.4 (a) (2)

Item 23.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-DRUM1 Emission Point: 00022

Process: DRA

Regulated Contaminant(s):

CAS No: 007553-56-2 IODINE
CAS No: 007726-95-6 BROMINE
CAS No: 007782-41-4 FLUORINE
CAS No: 007782-50-5 CHLORINE

Item 23.2:

Compliance Demonstration shall include the following monitoring:

New York State Department of Environmental Conservation

Permit ID: 4-0199-00001/00038

Facility DEC ID: 4019900001



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

Monitoring Description:

Waste Fuel A must meet the definition specified in Part 225-2.2(b)(9). Limit is for total halogens. Blending to meet this limit may not be performed in Callanan's tanks. A copy of the analysis of the fuel received from the deliverer must be retained by Callanan for five calendar years for each delivery. Such records shall be kept on site and furnished to the Department upon request.

Process Material: WASTE OIL

Parameter Monitored: TOTAL HALOGENS

Upper Permit Limit: 1000 parts per million by weight

Monitoring Frequency: PER DELIVERY

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

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 24: Compliance Demonstration
Effective between the dates of 03/01/2012 and Permit Expiration Date

Applicable Federal Requirement: 6 NYCRR 225-2.4 (a) (2)

Item 24.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-DRUM1

Emission Point: 00022

Process: DRA

Regulated Contaminant(s):

CAS No: 001336-36-3

POLYCHLORINATED BIPHENYL

Item 24.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

Waste Fuel A must meet the definition specified in Part 225-2.2(b)(9). Blending to meet this limit may not be performed in Callanan's tanks. A copy of the analysis of the fuel received from deliverer must be retained by Callanan for five calendar years for each delivery. Such records shall be kept on site and furnished to the Department upon request.

Process Material: WASTE OIL

Parameter Monitored: POLYCHLORINATED BIPHENYLS (48% CL)

Upper Permit Limit: 50 parts per million by weight

Monitoring Frequency: PER DELIVERY

Averaging Method: MAXIMUM - NOT TO BE EXCEEDED AT ANY

New York State Department of Environmental Conservation

Permit ID: 4-0199-00001/00038

Facility DEC ID: 4019900001



TIME (INSTANTANEOUS/DISCRETE OR GRAB)
Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 25: Compliance Demonstration
Effective between the dates of 03/01/2012 and Permit Expiration Date

Applicable Federal Requirement:6 NYCRR 225-2.4 (a) (2)

Item 25.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-DRUM1 Emission Point: 00022
Process: DRA

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

Item 25.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

Waste Fuel A must meet the definition specified in Part 225-2.2(b)(9). Blending to meet this limit may not be performed in Callanan's tanks. A copy of the analysis of the fuel received from deliverer must be retained by Callanan for five calendar years for each delivery. Such records shall be kept on site and furnished to the Department upon request.

Process Material: WASTE OIL

Parameter Monitored: HEAT CONTENT

Upper Permit Limit: 125000 British thermal units per
gallon

Monitoring Frequency: PER DELIVERY

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

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 26: Compliance Demonstration
Effective between the dates of 03/01/2012 and Permit Expiration Date

Applicable Federal Requirement:40 CFR Part 50

Item 26.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-DRUM1 Emission Point: 00022
Process: DRA

Regulated Contaminant(s):

New York State Department of Environmental Conservation

Permit ID: 4-0199-00001/00038

Facility DEC ID: 4019900001



CAS No: 007439-92-1 LEAD

Item 26.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

Lead content of Waste Fuel A limited to insure a compliance with the national ambient air quality standard (NAAQS) for lead. Blending to meet this limit may not be performed in Callanan's tanks. A copy of the analysis of the fuel received from the deliverer must be retained by Callanan for five calendar years for each delivery. Such records shall be kept on site and furnished to the Department upon request.

Parameter Monitored: LEAD

Upper Permit Limit: 100 parts per million by weight

Monitoring Frequency: PER DELIVERY

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

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

Where emission source owners and/or operators keep records pursuant to compliance with the operational flexibility requirements of 6 NYCRR Subpart 201-5.4(b)(1), and/or the emission capping requirements of 6 NYCRR Subparts 201-7.2(d), 201-7.3(f), 201-7.3(g), 201-7.3(h)(5), 201-7.3(i) and 201-7.3(j), the Department will make such records available to the public upon request in accordance with 6 NYCRR Part 616 - Public Access to Records. Emission source owners and/or operators must submit the records required to comply with the request within sixty working days of written notification by the Department of receipt of the request.

Item B: 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 27: Contaminant List

Effective between the dates of 03/01/2012 and Permit Expiration Date

Applicable State Requirement:ECL 19-0301

Item 27.1:

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

CAS No: 000630-08-0

Name: CARBON MONOXIDE

CAS No: 001336-36-3

Name: POLYCHLORINATED BIPHENYL

CAS No: 007439-92-1

Name: LEAD

CAS No: 007446-09-5

Name: SULFUR DIOXIDE

CAS No: 007553-56-2

Name: IODINE

CAS No: 007726-95-6

Name: BROMINE

CAS No: 007782-41-4

Name: FLUORINE

CAS No: 007782-50-5

Name: CHLORINE

CAS No: 0NY075-00-0

Name: PARTICULATES

CAS No: 0NY075-00-5

Name: PM-10

CAS No: 0NY100-00-0

Name: HAP

CAS No: 0NY210-00-0

Name: OXIDES OF NITROGEN

CAS No: 0NY998-00-0

Name: VOC

Condition 28: Unavoidable noncompliance and violations

Effective between the dates of 03/01/2012 and Permit Expiration Date



Applicable State Requirement:6 NYCRR 201-1.4

Item 28.1:

At the discretion of the commissioner a violation of any applicable emission standard for necessary scheduled equipment maintenance, start-up/shutdown conditions and malfunctions or upsets may be excused if such violations are unavoidable. The following actions and recordkeeping and reporting requirements must be adhered to in such circumstances.

(a) The facility owner and/or operator shall compile and maintain records of all equipment 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 commissioner's representative when requested to do so in writing or when so required by a condition of a permit issued for the corresponding air contamination source except where conditions elsewhere in this permit which contain more stringent reporting and notification provisions for an applicable requirement, in which case they supercede those stated here. Such reports shall describe why the violation was unavoidable and shall include the time, frequency and duration of the maintenance and/or start-up/shutdown activities and the identification of air contaminants, and the estimated emission rates. If a facility owner and/or operator is subject to continuous stack monitoring and quarterly reporting requirements, he need not submit reports for equipment maintenance or start-up/shutdown for the facility to the commissioner's representative.

(b) In the event that emissions of air contaminants in excess of any emission standard in 6 NYCRR Chapter III Subchapter A occur due to a malfunction, the facility owner and/or operator shall report such malfunction by telephone to the commissioner's representative as soon as possible during normal working hours, but in any event not later than two working days after becoming aware that the malfunction occurred. Within 30 days thereafter, when requested in writing by the commissioner's representative, the facility owner and/or operator shall submit a written report to the commissioner's representative describing the malfunction, the corrective action taken, identification of air contaminants, and an estimate of the emission rates. These reporting requirements are superceded by conditions elsewhere in this permit which contain reporting and notification provisions for applicable requirements more stringent than those above.

(c) The Department may also require the owner and/or operator to include in reports described under (a) and (b) above an estimate of the maximum ground level concentration of each air contaminant emitted and the effect of such emissions depending on the deviation of the malfunction and the air contaminants emitted.

(d) In the event of maintenance, start-up/shutdown or malfunction conditions which result in emissions exceeding any applicable emission standard, the facility owner and/or operator shall take appropriate action to prevent emissions which will result in contravention of any applicable ambient air quality standard. Reasonably available control technology, as determined by the commissioner, shall be applied during any maintenance, start-up/shutdown or malfunction condition subject to this paragraph.

(e) In order to have a violation of a federal regulation (such as a new source performance standard or national emissions standard for hazardous air pollutants) excused, the specific federal regulation must provide for an affirmative defense during start-up, shutdowns, malfunctions or upsets.



Condition 29: Emission Unit Definition
Effective between the dates of 03/01/2012 and Permit Expiration Date

Applicable State Requirement:6 NYCRR Subpart 201-5

Item 29.1:

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

Emission Unit: U-AG001

Emission Unit Description:

This emission unit consists of a relocated aggregate processing plant with crushers, screens, and conveyors, producing several grades of stone products, operating at a nominal throughput rate of 750 tons per hour.

The fixed aggregate plant emission unit has been broken down by co-located equipment to establish fugitive emission points. Crushers and screens operating in a tower configuration are taken together as a discreet process. Each of the towers has siding and a roof that effectively encloses the screens, while the crushers are part of the tower but not enclosed. As a result, there are no discrete or fugitive emissions from the screens. Material lost from the screening process collects within the enclosed tower, and is periodically mechanically removed for separate handling.

All conveyors have been grouped together as a process. Defining processes in this manner results in a logical grouping of equipment which facilitates calculation of emissions and inspection of the facility. the processes and emission points are defined as follows (refer to plant flowsheet in attachments):

Process PC1 - primary crushing; water spray controlled; fugitive emissions

Process SC1 - scalping screen (enclosed) and secondary crusher –
Emission Point EP 20001 (BH003 stack) fugitive EP 200E1.

Process: SC2 - screen tower 2 (one screen)
Emission point: enclosed, fugitive EP 200E2.

Process: TC1 - tertiary crushers (two crushers)
Emission point: EP20002 (BH004 stack).

Process: SC3 - screen tower 3 (two sets of parallel screens, four total)
Emission point: enclosed, fugitive EP 200E3.

Process: SC4 - screen tower 4 (two screens in parallel)



Emission point: enclosed, fugitive, EP 200E4.

Process: CV1 - conveyors
Emission point: EP 20003 (fugitive)

Process: LB1 truck loadout bins emission point: EP 20004 (fug), EP 20005(fug).

Process: WSH - aggregate wash plant
Emission point: no emissions.

Fugitive emissions from the units consist of particulate matter from crushers and conveyors.

A water spray system is used to control dust emissions at drop points where the movement of fine material makes control necessary. This includes crusher discharge drops and drops onto some of the screens, conveyors and stock piles. The water spray system is supplied and operated from a central control panel.

A schematic diagram of the aggregate plant operation, included as an attachment to this application, illustrates a typical grouping of emission points, and depicts the approximate location of water spray heads. The location of spray heads may change as operational conditions dictate for improved suppression efficiency. Although spray heads are not provided at every drop point, all equipment and drop points are effectively controlled by the water spray equipment because the moisture content achieved at control points is carried through subsequent processes.

Operating continuously throughout the year (8760 hours), the aggregate plant equipment without controls would exceed the PM-10 cap. The uncontrolled emissions are summarized in the attachments. emission calculations are included in the attachments to this application dated 4/11/01.

Item 29.2:

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

Emission Unit: U-AG002

Emission Unit Description:

Portable crushed stone processing plant consisting of approximately four crushers, three screens and fifteen conveyor lines. Unit is powered by six (three of the six are exempt) Tier II and Tier III compliant diesel engines. All drop/transfer points are wet dust suppression.

Building(s): OUTDOORS



Item 29.3:

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

Emission Unit: U-BCH01

Emission Unit Description:

180 ton/hr hot mix asphalt (HMA) batch mix plant exhausting to a fabric filter baghouse with associated storage area, feed bins, storage silos and liquid asphalt heaters. Batch plant dryer can be fired with natural gas, propane, distillate and residual fuel oil, or waste fuel A. Operates on line power.

Item 29.4:

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

Emission Unit: U-DRUM1

Emission Unit Description:

This emission unit consists of the relocated drum mix hot asphalt plant. This emission unit includes one emission point, the baghouse exhaust, EP10001. Emission sources in this emission unit are the drum (DRM01) and the drum heater burner (DHT01). A cyclone (CYCL1) on the inlet side of the baghouse (BH001) for particulate reduction returns recovered material to the drum.

The drum heater burner may burn natural gas, number 2 or 4 oil waste fuel A or propane. The emissions include NO_x, SO₂, CO, particulate, VOC and HAP. Process descriptions are included for the operation of the drum plant on natural gas, number 2 or 4 oil or waste fuel A or propane.

Operating continuously throughout the year (8760 hrs), the drum plant by itself would exceed the carbon monoxide cap. The emissions are summarized in the attachments. Burning oil, waste fuel A or gas, operation of the drum mix plant is limited by CO emissions. By staying within the CO limits on this emission unit, the other contaminants are effectively capped below the facility limits. In conjunction with operation of the other emission units, drum plant production will be limited to maintain emissions below the proposed cap limits. Emission calculations are included in the attachments to this application signed on or before 10/2/2011.

Condition 30: Visible Emissions Limited
Effective between the dates of 03/01/2012 and Permit Expiration Date

Applicable State Requirement:6 NYCRR 211.2

Item 30.1:

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 31: Compliance Demonstration
Effective between the dates of 03/01/2012 and Permit Expiration Date

Applicable State Requirement:6 NYCRR 211.2

Item 31.1:

The Compliance Demonstration activity will be performed for the Facility.

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

Item 31.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

THE FACILITY SHALL COMPLY WITH ALL OF
THE PROVISIONS OF THE FUGITIVE DUST
CONTROL PLAN AS DEVELOPED AND ON FILE FOR
THE SOUTH BETHLEHEM SITE AND QUARRY.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**** Emission Unit Level ****

Condition 32: Emission Point Definition By Emission Unit
Effective between the dates of 03/01/2012 and Permit Expiration Date

Applicable State Requirement:6 NYCRR Subpart 201-5

Item 32.1:

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

Emission Unit: U-AG001

Emission Point: 20001

Height (ft.): 51 Diameter (in.): 24
NYTMN (km.): 4708.2 NYTME (km.): 593.7

Emission Point: 20002

Height (ft.): 53 Diameter (in.): 27
NYTMN (km.): 4708.2 NYTME (km.): 593.7

Item 32.2:

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

Emission Unit: U-AG002



Emission Point: 20011
Height (ft.): 12 Diameter (in.): 5
NYTMN (km.): 4708.2 NYTME (km.): 593.7

Emission Point: 20012
Height (ft.): 12 Diameter (in.): 5
NYTMN (km.): 4708.2 NYTME (km.): 593.7

Emission Point: 20013
Height (ft.): 12 Diameter (in.): 5
NYTMN (km.): 4708.2 NYTME (km.): 593.7

Item 32.3:

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

Emission Unit: U-BCH01

Emission Point: 00015
Height (ft.): 20 Diameter (in.): 36
NYTMN (km.): 4708.2 NYTME (km.): 593.7

Item 32.4:

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

Emission Unit: U-DRUM1

Emission Point: 00022
Height (ft.): 31 Diameter (in.): 43
NYTMN (km.): 4708.2 NYTME (km.): 593.7

**Condition 33: Process Definition By Emission Unit
Effective between the dates of 03/01/2012 and Permit Expiration Date**

Applicable State Requirement:6 NYCRR Subpart 201-5

Item 33.1:

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

Emission Unit: U-AG001
Process: CV1 Source Classification Code: 3-05-020-06

Process Description:
Operation of all fixed aggregate plant conveyors. For the purpose of calculating emissions, it is assumed that all conveyors receive 100% of the plant throughput, and all drop points are controlled directly with spray bars, or indirectly from moisture retention at prior control points.

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



Emission Source/Control: PCNV1 - Process

Emission Source/Control: TCNV1 - Process

Item 33.2:

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

Emission Unit: U-AG001

Process: LB1

Source Classification Code: 3-05-020-21

Process Description:

Operation of truck load out bins resulting in fugitive emissions screenings from tower 3 are conveyed to a 200 ton bin (EP 20004) with a loadout rate up to 1000 tph. Classified products from tower 2, 3 and 4 are conveyed by tunnel conveyor to three 200 ton bins with a combined load out rate up to 1000 tph. drop points above bins are controlled with spray bars. The average monthly load out rates are limited by the overall plant capacity to a combined 750 tph.

Emission Source/Control: WSPRY - Control

Control Type: DUST SUPPRESSION BY WATER SPRAY

Emission Source/Control: TLB01 - Process

Emission Source/Control: TLB02 - Process

Item 33.3:

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

Emission Unit: U-AG001

Process: PC1

Source Classification Code: 3-05-020-15

Process Description:

Operation of the primary crusher and associated conveyors with a nominal 750 ton/hr feed rate. Primary crusher receives 100% of processible stone delivered from quarry to aggregate processing line. process material is wetted with spray bars mounted at throat of crusher.

Emission Source/Control: WSPRY - Control

Control Type: DUST SUPPRESSION BY WATER SPRAY

Emission Source/Control: CR001 - Process

Design Capacity: 750 tons per hour

Item 33.4:

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

Emission Unit: U-AG001

Process: SC1

Source Classification Code: 3-05-020-15

Process Description:

Operation of the scalping screen and secondary crusher,



tower 1, with a nominal 750 tph feed rate. The screen receives 100% of the primary crusher feed. The secondary crusher receives 65%. Particulate emissions from the crusher are controlled by a baghouse (BH003, EP20001). The screen is covered and the tower is enclosed. The process material is wetted with spray bars on the feed conveyor. The enclosed tower is treated as a source of fugitive emissions for diminimus particulate losses that may occur. The scalping screen and secondary crusher discharge pass through material to stockpiles or directly to the tertiary crushers (Process TC1).

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

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

Emission Source/Control: CR002 - Process
Design Capacity: 700 tons per hour

Item 33.5:

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

Emission Unit: U-AG001
Process: SC2 Source Classification Code: 3-05-020-02
Process Description:

Operation of secondary screening tower 2, receiving 172% of the plant throughput. The screens are covered and the screen tower is enclosed. The process material is wetted with spray bars on the feed conveyor. The enclosed tower is treated as a source of fugitive emissions for diminimus particulate losses that may occur. The secondary screening tower receives material from Process SC1 and recirculated material from the tertiary crushers. Screened material from tower 2 is conveyed to a ballast stockpile, or returned to the tertiary crushers, and the passed material is conveyed to tower 3.

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

Emission Source/Control: SCR02 - Process
Design Capacity: 250 tons per hour

Item 33.6:

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

Emission Unit: U-AG001
Process: SC3 Source Classification Code: 3-05-020-03
Process Description:

Operation of secondary screening tower 3, receiving



approximately 750 tph. The screens are covered and the screen tower is enclosed. The process material is wetted with spray bars on the feed conveyor. The enclosed tower is treated as a source of fugitive emissions for diminimus particulate losses that may occur. screened material is conveyed to finished product stockpiles, to tower 4, or returned to the tertiary crushers, passed material is conveyed to the fines bin or washing operation. Screens SCR3A and SCR3B operate in parallel. Screens SCR4a and SCR4b operate in parallel. It is assumed, for the purposes of emission calculations, that screen pair 3 and screen pair 4 receive the full process throughput. In practice, screen pair 4 will receive less than pair 3.

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

Emission Source/Control: SCR3A - Process
Design Capacity: 400 tons per hour

Emission Source/Control: SCR3B - Process
Design Capacity: 400 tons per hour

Emission Source/Control: SCR4A - Process
Design Capacity: 450 tons per hour

Emission Source/Control: SCR4B - Process
Design Capacity: 450 tons per hour

Item 33.7:

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

Emission Unit: U-AG001
Process: SC4 Source Classification Code: 3-05-020-21
Process Description:

Operation of fine screening, tower 4, receiving approximately 350 tph. The screens are covered and the screen tower is enclosed. The process material is wetted with spray bars on the feed conveyor. The enclosed tower is treated as a source of fugitive emissions for diminimus particulate losses that may occur. Tower 4 discharges screened material to finished product stockpiles, passed material is conveyed to the fine bin and stockpile. Screens SCR5A and SCR5B operate in parallel. Although the screens have higher rated capacities, the throughput of this process is limited by the capacity of the overall plant capacity to approximately 350 tph.

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

Emission Source/Control: SCR5A - Process

New York State Department of Environmental Conservation

Permit ID: 4-0199-00001/00038

Facility DEC ID: 4019900001



Design Capacity: 250 tons per hour

Emission Source/Control: SCR5B - Process

Design Capacity: 250 tons per hour

Item 33.8:

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

Emission Unit: U-AG001

Process: TC1

Source Classification Code: 3-05-020-03

Process Description:

Operation of two tertiary crushers receiving approximately combined 72% of the plant throughput, resulting in particulate emissions controlled with a baghouse (BH004, EP20002). Crushed material is returned to the tower 2 screen. Crusher CR003 receives stone from tower 2 at 49% of plant throughput. Crusher CR004 receives stone from towers 2 and 3 at 23% of plant throughput. Although the crushers have higher rated capacities, the throughput of this process is limited to approximately 450 tph combined, by the overall plant capacity.

Emission Source/Control: BH004 - Control

Control Type: FABRIC FILTER

Emission Source/Control: WSPRY - Control

Control Type: DUST SUPPRESSION BY WATER SPRAY

Emission Source/Control: CR003 - Process

Design Capacity: 450 tons per hour

Emission Source/Control: CR004 - Process

Design Capacity: 400 tons per hour

Item 33.9:

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

Emission Unit: U-AG002

Process: CRP

Source Classification Code: 3-05-020-15

Process Description:

Operation of all portable aggregate plant crushers. For the purpose of calculating emissions, it is assumed that all crusher receive 100% of portable plant throughput and all fugitive crusher emission locations are controlled with water spray bars.

Emission Source/Control: WSPR2 - Control

Control Type: DUST SUPPRESSION BY WATER SPRAY

Emission Source/Control: CR101 - Process

Design Capacity: 700 tons per hour



Emission Source/Control: CR102 - Process
Design Capacity: 700 tons per hour

Emission Source/Control: CR103 - Process
Design Capacity: 400 tons per hour

Emission Source/Control: CR104 - Process
Design Capacity: 500 tons per hour

Item 33.10:

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

Emission Unit: U-AG002
Process: CVP Source Classification Code: 3-05-020-02
Process Description:

Operation of all portable aggregate plant conveyors. For the purpose of calculating emissions, it is assumed that all conveyors receive 100% of portable plant throughput and all fugitive conveyor drop emission points are controlled directly with water spray bars or indirectly from moisture retention at upstream fugitive control emission locations.

Emission Source/Control: WSPR2 - Control
Control Type: DUST SUPPRESSION BY WATER SPRAY

Emission Source/Control: CV101 - Process
Design Capacity: 700 tons per hour

Emission Source/Control: CV102 - Process
Design Capacity: 700 tons per hour

Emission Source/Control: CV103 - Process
Design Capacity: 500 tons per hour

Emission Source/Control: CV104 - Process
Design Capacity: 500 tons per hour

Emission Source/Control: CV105 - Process
Design Capacity: 400 tons per hour

Emission Source/Control: CV106 - Process
Design Capacity: 400 tons per hour

Emission Source/Control: CV107 - Process
Design Capacity: 400 tons per hour

Emission Source/Control: CV108 - Process
Design Capacity: 550 tons per hour

Emission Source/Control: CV109 - Process
Design Capacity: 550 tons per hour

New York State Department of Environmental Conservation

Permit ID: 4-0199-00001/00038

Facility DEC ID: 4019900001



Emission Source/Control: CV110 - Process
Design Capacity: 500 tons per hour

Emission Source/Control: CV111 - Process
Design Capacity: 500 tons per hour

Emission Source/Control: CV112 - Process
Design Capacity: 500 tons per hour

Emission Source/Control: CV113 - Process
Design Capacity: 550 tons per hour

Emission Source/Control: CV114 - Process
Design Capacity: 550 tons per hour

Emission Source/Control: CV115 - Process
Design Capacity: 550 tons per hour

Emission Source/Control: CV116 - Process
Design Capacity: 550 tons per hour

Emission Source/Control: CV117 - Process
Design Capacity: 550 tons per hour

Item 33.11:

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

Emission Unit: U-AG002
Process: ENG Source Classification Code: 3-05-020-15
Process Description:
Operation of all portable aggregate plant
diesel engines.

Emission Source/Control: ENG01 - Combustion
Design Capacity: 425 horsepower (mechanical)

Emission Source/Control: ENG02 - Combustion
Design Capacity: 415 horsepower (mechanical)

Emission Source/Control: ENG03 - Combustion
Design Capacity: 540 horsepower (mechanical)

Item 33.12:

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

Emission Unit: U-AG002
Process: SCP Source Classification Code: 3-05-020-02

New York State Department of Environmental Conservation

Permit ID: 4-0199-00001/00038

Facility DEC ID: 4019900001



Process Description:

Operation of all portable aggregate screens. For the purpose of calculating emissions, it is assumed that all screens receive 100% of portable plant throughput and all fugitive screen and associated conveyor drop emission locations are controlled directly with water spray bars or indirectly from moisture retention at upstream control points.

Emission Source/Control: WSPR2 - Control
Control Type: DUST SUPPRESSION BY WATER SPRAY

Emission Source/Control: SC101 - Process
Design Capacity: 500 tons per hour

Emission Source/Control: SC102 - Process
Design Capacity: 550 tons per hour

Emission Source/Control: SC103 - Process
Design Capacity: 550 tons per hour

Item 33.13:

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

Emission Unit: U-BCH01
Process: BC4 Source Classification Code: 3-05-002-52
Process Description:
Hot mix asphalt plant batch plant with dryer fired with #4 oil. Particulate emissions are controlled with a fabric filter baghouse. Operates on line electrical power.

Emission Source/Control: BHT01 - Combustion
Design Capacity: 75 million Btu per hour

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

Item 33.14:

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

Emission Unit: U-BCH01
Process: BCA Source Classification Code: 3-05-002-52
Process Description:
Hot mix asphalt plant batch plant with dryer fired with waste fuel A. Particulate emissions are controlled with a fabric filter baghouse. Operates on line electrical power.

Emission Source/Control: BHT01 - Combustion
Design Capacity: 75 million Btu per hour

Emission Source/Control: BH002 - Control



Control Type: FABRIC FILTER

Item 33.15:

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

Emission Unit: U-BCH01
Process: BCG Source Classification Code: 3-05-002-51
Process Description:
Hot mix asphalt plant batch plant with dryer fired with natural gas or propane. Particulate emissions are controlled with a fabric filter baghouse. Operates on line electrical power.

Emission Source/Control: BHT01 - Combustion
Design Capacity: 75 million Btu per hour

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

Item 33.16:

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

Emission Unit: U-BCH01
Process: BCO Source Classification Code: 3-05-002-52
Process Description:
Hot mix asphalt plant batch plant with dryer fired with #2 oil. Particulate emissions are controlled with a fabric filter baghouse. Operates on line electrical power.

Emission Source/Control: BHT01 - Combustion
Design Capacity: 75 million Btu per hour

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

Item 33.17:

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

Emission Unit: U-DRUM1
Process: DR4 Source Classification Code: 3-05-002-05
Process Description:
Crushed stone is conveyed to a rotary drum stone dryer which dries and heats the aggregate. Liquid asphalt cement is combined with the aggregate in the drum. The drum operates continuously, discharging to a conveyor that transfers the finished asphalt to a storage silo where the material is stored. Asphalt is transferred from the silo to trucks by gravity feed. The drum heater burns #4 oil, producing NOx, SOx, VOC, CO and HAP. The action of the drum on the aggregates generates particulate which is controlled by the baghouse (BH001) and cyclone (CYCL1) exhausting through EP10001.



Emission Source/Control: DHT01 - Combustion
Design Capacity: 120 million Btu per hour

Emission Source/Control: BH001 - Control
Control Type: FABRIC FILTER

Emission Source/Control: CYCL1 - Control
Control Type: SINGLE CYCLONE

Emission Source/Control: DRM01 - Process
Design Capacity: 450 tons per hour

Item 33.18:

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

Emission Unit: U-DRUM1
Process: DRA Source Classification Code: 3-05-002-05
Process Description:

Crushed stone is conveyed to a rotary drum stone dryer which dries and heats the aggregate. Liquid asphalt cement is combined with the aggregate in the drum. The drum operates continuously, discharging to a conveyor that transfers the finished asphalt to storage silo where the material is stored. Asphalt is transferred from the silo to trucks by gravity feed. The drum heater burns waste fuel A, producing NO_x, SO_x, VOC, CO and HAP. The action of the drum on the aggregates generates particulate which is controlled by the baghouse (BH001) and cyclone (CYCL1) exhausting through EP10001.

Emission Source/Control: DHT01 - Combustion
Design Capacity: 120 million Btu per hour

Emission Source/Control: BH001 - Control
Control Type: FABRIC FILTER

Emission Source/Control: CYCL1 - Control
Control Type: SINGLE CYCLONE

Emission Source/Control: DRM01 - Process
Design Capacity: 450 tons per hour

Item 33.19:

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

Emission Unit: U-DRUM1
Process: DRG Source Classification Code: 3-05-002-05
Process Description:

Crushed stone is conveyed to a rotary drum stone dryer which dries and heats the aggregate. Liquid asphalt cement is combined with the aggregate in the drum. The drum

New York State Department of Environmental Conservation

Permit ID: 4-0199-00001/00038

Facility DEC ID: 4019900001



operates continuously, discharging to a conveyor that transfers the finished asphalt to a storage silo where the material is stored. Asphalt is transferred from the silo to trucks by gravity feed. The drum heater burns natural gas, producing NO_x, SO_x, VOC, CO and HAP. The action of the drum on the aggregates generates particulate which is controlled by the baghouse (BH001) and cyclone (CYCL1) exhausting through EP10001.

Emission Source/Control: DHT01 - Combustion
Design Capacity: 120 million Btu per hour

Emission Source/Control: BH001 - Control
Control Type: FABRIC FILTER

Emission Source/Control: CYCL1 - Control
Control Type: SINGLE CYCLONE

Emission Source/Control: DRM01 - Process
Design Capacity: 450 tons per hour

Item 33.20:

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

Emission Unit: U-DRUM1
Process: DRO
Source Classification Code: 3-05-002-05
Process Description:

Crushed stone is conveyed to a rotary drum stone dryer which dries and heats the aggregate. Liquid asphalt cement is combined with the aggregate in the drum. The drum operates continuously, discharging to a conveyor that transfers the finished asphalt to a storage silo where the material is stored. Asphalt is transferred from the silo to trucks by gravity feed. The drum heater burns no. 2 oil, producing NO_x, SO_x, VOC, CO and HAP. the action of the drum on the aggregates generates particulate which is controlled by the baghouse (BH001) and cyclone (CYCL1) exhausting through EP10001.

Emission Source/Control: DHT01 - Combustion
Design Capacity: 120 million Btu per hour

Emission Source/Control: BH001 - Control
Control Type: FABRIC FILTER

Emission Source/Control: CYCL1 - Control
Control Type: SINGLE CYCLONE

Emission Source/Control: DRM01 - Process
Design Capacity: 450 tons per hour

Item 33.21:



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

Emission Unit: U-DRUM1

Process: DRP

Source Classification Code: 3-05-002-05

Process Description:

Crushed stone is conveyed to a rotary drum stone dryer which dries and heats the aggregate. Liquid asphalt cement is combined with the aggregate in the drum. The drum operates continuously, discharging to a conveyor that transfers the finished asphalt to a storage silo where the material is stored. Asphalt is transferred from the silo to trucks by gravity feed. The drum heater burns propane fuel, producing NO_x, SO_x, VOC, CO and HAP. The action of the drum on the aggregates generates particulate which is controlled by the baghouse (BH001) and cyclone (CYCL1) exhausting through EP10001.

Emission Source/Control: DHT01 - Combustion

Design Capacity: 120 million Btu per hour

Emission Source/Control: BH001 - Control

Control Type: FABRIC FILTER

Emission Source/Control: CYCL1 - Control

Control Type: SINGLE CYCLONE

Emission Source/Control: DRM01 - Process

Design Capacity: 450 tons per hour

