

# **PERMIT** Under the Environmental Conservation Law (ECL)

# **IDENTIFICATION INFORMATION**

Permit Type: Permit ID:	Air State Facility 8-2632-00032/00003				
	Effective Date: 03/20/2006	Expiration Date: No expiration date			
Permit Issued To: CALLANAN INDUSTRIES INC					
	PO BOX 15097				
	ALBANY, NY 12212-5097				
Contact:	THOMAS K JOHNSON				
	ROCHESTER ASPHALT MATERIALS				
	1150 PENFIELD RD				
	ROCHESTER, NY 14625-2202				
	(585) 381-7010				
Facility:	IROQUOIS ROCK HENRIETTA	PLT			
	60 RIDGELAND DR				
	ROCHESTER, NY 14623				
Contact:	JOHN SWIERKOS, JR				
	DOLOMITE PRODUCTS CO INC				
	1150 PENFIELD ROAD				
	ROCHESTER, NY 14625				
	(585) 381-7010				

Description:

Air State Facility Permit for existing operations.

This permit includes a Special Permit Condition limiting asphalt production sufficiently to restrict the facility potential to emit carbon monoxide to less than 100 tons per year. The asphalt production limit also reduces facility potentials to emit oxides of nitrogen, sulfur dioxide, and volatile organic compounds to less than the CO emissions, below the Part 201-6 and Part 212 thresholds of 100 tons per year each for CO, NOX, and SO2, and 50 tons per year for VOC.

This permit also includes authorization to use Waste Fuel A, subject to contaminant limitations specified in Part 225-2.4(b), as a fuel, in addition to natural gas and #2 fuel oil.

Compliance verification is specified as maintenance of monthly asphalt production logs, 12 month rolling totals of asphalt production, and calculations of annual emissions. Records are to be maintained for a minimum of five years, and are to be made available with all supporting data to Department inspectors upon request.



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: DAVID L BIMBER DIVISION OF ENVIRONMENTAL PERMITS 6274 EAST AVON LIMA RD AVON, NY 14414-9519

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 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 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 and Modifications Permit Modifications, Suspensions and Revocations by the Department Facility Level Submission of Applications for Permit Modification or Renewal -REGION 8 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 and Modifications Applicable State Requirement: 6NYCRR 621.13

# 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.

# Condition 4: Permit Modifications, Suspensions and Revocations by the Department Applicable State Requirement: 6NYCRR 621.14

# Item 4.1:

The Department reserves the right 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 Applications for Permit Modification or Renewal -REGION 8 HEADQUARTERS Applicable State Requirement: 6NYCRR 621.5(a)

Item 5.1:

Submission of applications for permit modification or renewal are to be submitted to:

NYSDEC Regional Permit Administrator Region 8 Headquarters Division of Environmental Permits 6274 Avon-Lima Road Avon, NY 14414-9519 (716) 226-2466



# 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: IROQUOIS ROCK HENRIETTA PLT 60 RIDGELAND DR ROCHESTER, NY 14623

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

Permit Effective Date: 03/20/2006

Permit Expiration Date: No expiration date.



# LIST OF CONDITIONS

# FEDERALLY ENFORCEABLE CONDITIONS Facility Level

1 6NYCRR 202-2.1: Compliance Demonstration

2 6NYCRR 201-6.5(g): Non Applicable requirements

3 6NYCRR 201-7: Facility Permissible Emissions

\*4 6NYCRR 201-7: Capping Monitoring Condition

5 6NYCRR 211.4: VOC prohibited

6 6NYCRR 225-2.3(b): Compliance Demonstration

7 6NYCRR 225-2.4(b): Compliance Demonstration

8 6NYCRR 225-2.4(b): Compliance Demonstration

9 6NYCRR 225-2.4(b): Compliance Demonstration

10 6NYCRR 225-2.4(b): Compliance Demonstration

11 6NYCRR 225-2.4(b): Compliance Demonstration

12 6NYCRR 225-2.6(d): Purchase of waste fuel prohibitions.

13 6NYCRR 225-2.7(a): Compliance Demonstration

# **Emission Unit Level**

14 6NYCRR 201-7: Emission Unit Permissible Emissions

15 6NYCRR 201-7: Process Permissible Emissions

#### EU=U-HD001

16 40CFR 60.90, NSPS Subpart I: Compliance Demonstration17 40CFR 60.90, NSPS Subpart I: Compliance Demonstration18 40CFR 60.90, NSPS Subpart I: Compliance Demonstration

# STATE ONLY ENFORCEABLE CONDITIONS Facility Level

19 ECL 19-0301: Contaminant List

20 6NYCRR 201-1.4: Unavoidable noncompliance and violations

21 6NYCRR 201-5: Emission Unit Definition

22 6NYCRR 211.2: Air pollution prohibited

23 6NYCRR 225-1.2(a)(2): Compliance Demonstration

24 6NYCRR 225-1.8: Compliance Demonstration

#### **Emission Unit Level**

25 6NYCRR 201-5: Emission Point Definition By Emission Unit

26 6NYCRR 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 - 6NYCRR Part 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 - 6NYCRR Part 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 - 6NYCRR Part 200.7

Any person who owns or operates an air contamination

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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 - 6NYCRR Part 201-1.2

If an existing emission source was subject to the permitting requirements of 6NYCRR 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 - 6NYCRR Part 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:

 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

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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 - 6NYCRR Part 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 - 6NYCRR Part 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 Part 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<br/>Activities - 6 NYCRR Part 201-3.3(a)<br/>The owner and/or operator of an emission source or unit<br/>that is listed as being trivial in 6 NYCRR Part 201 may be<br/>required to certify that it operates within the specific

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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 Part 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 6NYCRR Part 202-1.

Item K: Visible Emissions Limited - 6 NYCRR Part 211.3 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.

- Item L: Open Fires 6 NYCRR Part 215 No person shall burn, cause, suffer, allow or permit the burning in an open fire of garbage, rubbish for salvage, or rubbish generated by industrial or commercial activities.
- Item M: 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

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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 N: 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: Compliance Demonstration Effective between the dates of 03/20/2006 and Permit Expiration Date

# Applicable Federal Requirement: 6NYCRR 202-2.1

#### Item 1.1:

The Compliance Demonstration activity will be performed for the Facility.

#### Item 1.2:

Compliance Demonstration shall include the following monitoring:

# Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Emission statements shall be submitted on or before April 15th each year for emissions of the previous calendar year.

Monitoring Frequency: ANNUALLY Reporting Requirements: ANNUALLY (CALENDAR) Reports due by April 15th for previous calendar year

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Condition 2: Non Applicable requirements Effective between the dates of 03/20/2006 and Permit Expiration Date

#### Applicable Federal Requirement: 6NYCRR 201-6.5(g)

# Item 2.1:

# tified as being not

- applicable to this facility and/or emission units, emission points, processes and/or emission sources within this
- facility. The summary also includes a justification for classifying any such requirements as non-applicable.

6NYCRR 201-6.1(a)

Reason: Carbon Monoxide is the limiting contaminant for capping below Major Source thresholds. The other criteria contaminants, oxides of nitrogen and sulfur dioxide are not explicitly capped because they have significantly lower emission factors based on USEPA AP-42 as of February, 2003.

# 6NYCRR 212.10(d)

Reason: RACT requirements for oxides of nitrogen do not apply because the carbon monoxide cap effectively limits the other contaminants below applicability thresholds based on USEPA AP-42 emission factors as of February, 2003.

# Condition 3: Facility Permissible Emissions Effective between the dates of 03/20/2006 and Permit Expiration Date

# Applicable Federal Requirement: 6NYCRR 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	PTE:	81,984	pounds per year
Name: CARBON MONOXIDE			

# Condition 4: Capping Monitoring Condition Effective between the dates of 03/20/2006 and Permit Expiration Date

# Applicable Federal Requirement: 6NYCRR 201-7

# Item 4.1:

# 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:

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#### 6NYCRR 201-6.1(a)

# Item 4.2:

sion 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

#### trol 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

#### l 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: 000630-08-0 CARBON MONOXIDE

#### Item 4.7:

Compliance Demonstration shall include the following monitoring:

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

The total production for all batch asphalt plants at this facility is limited to cap the carbon monoxide emissions below 99 tons per year. The limit is based on USEPA AP-42 emission factors as of February, 2003.

Parameter Monitored: ASPHALTIC CONCRETE Upper Permit Limit: 1523000 tons Monitoring Frequency: MONTHLY Averaging Method: ANNUAL TOTAL ROLLED MONTHLY Reporting Requirements: ANNUALLY (CALENDAR)

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Reports due 30 days after the reporting period. The initial report is due 1/30/2007. Subsequent reports are due every 12 calendar month(s).

# Condition 5: VOC prohibited Effective between the dates of 03/20/2006 and Permit Expiration Date

# Applicable Federal Requirement: 6NYCRR 211.4

# Item 5.1:

The use of Volatile Organic Compounds to liquefy asphalt used for paving is prohibited, except for:

(1) asphalt used in the production of long-life stockpile material for pavement patching and repair:

(2) asphalt applied at low ambient temperature form October 16th to May 1st; and

(3) asphalt used as a penetrating prime coat for the purpose of preparing an untreated absorbent surface to receive an asphalt surface.

# Condition 6: Compliance Demonstration Effective between the dates of 03/20/2006 and Permit Expiration Date

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

# Item 6.1:

The Compliance Demonstration activity will be performed for the Facility.

# Item 6.2:

Compliance Demonstration shall include the following monitoring:

#### Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

Combustion efficiency burning Waste Fuel A must be determined each operating season within one week of start of use of Waste Fuel A for each Emission Source. Documentation of the results of the combustion efficiency test must be kept on site or at the main office (1150 Penfield Rd.) for a minimum of three years, and provided to DEC staff on request.

Work Practice Type: PARAMETER OF PROCESS MATERIAL Process Material: WASTE OIL Parameter Monitored: COMBUSTION EFFICIENCY Lower Permit Limit: 99 percent Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

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Averaging Method: MINIMUM - NOT TO FALL BELOW STATED VALUE - SEE MONITORING DESCRIPTION Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

# Condition 7: Compliance Demonstration Effective between the dates of 03/20/2006 and Permit Expiration Date

# Applicable Federal Requirement: 6NYCRR 225-2.4(b)

#### Item 7.1:

The Compliance Demonstration activity will be performed for the Facility.

# Item 7.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS Monitoring Description: Fuel contaminant limitations for lead.

Work Practice Type: PARAMETER OF PROCESS MATERIAL Process Material: WASTE OIL Parameter Monitored: CONCENTRATION Upper Permit Limit: 250.0 parts per million by weight Monitoring Frequency: PER BATCH OF PRODUCT/RAW MATERIAL CHANGE Averaging Method: MAXIMUM - NOT TO BE EXCEEDED AT ANY TIME (INSTANTANEOUS/DISCRETE OR GRAB) Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 8: Compliance Demonstration Effective between the dates of 03/20/2006 and Permit Expiration Date

**Applicable Federal Requirement: 6NYCRR 225-2.4(b)** 

# 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: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS Monitoring Description: Fuel heat content - minimum required

Work Practice Type: PARAMETER OF PROCESS MATERIAL

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Process Material: WASTE OIL Parameter Monitored: HEAT CONTENT Lower Permit Limit: 125000.0 British thermal units per gallon Monitoring Frequency: PER BATCH OF PRODUCT/RAW MATERIAL CHANGE Averaging Method: MINIMUM - NOT TO FALL BELOW STATED VALUE AT ANY TIME Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

# Condition 9: Compliance Demonstration Effective between the dates of 03/20/2006 and Permit Expiration Date

# Applicable Federal Requirement: 6NYCRR 225-2.4(b)

#### Item 9.1:

The Compliance Demonstration activity will be performed for the Facility.

#### Item 9.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS Monitoring Description: Fuel contaminant limitations for Polychlorinated Biphenyls.

Work Practice Type: PARAMETER OF PROCESS MATERIAL Process Material: WASTE OIL Parameter Monitored: CONCENTRATION Upper Permit Limit: 49.99 parts per million by weight Monitoring Frequency: PER BATCH OF PRODUCT/RAW MATERIAL CHANGE Averaging Method: MAXIMUM - NOT TO BE EXCEEDED AT ANY TIME (INSTANTANEOUS/DISCRETE OR GRAB) Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 10: Compliance Demonstration Effective between the dates of 03/20/2006 and Permit Expiration Date

#### **Applicable Federal Requirement: 6NYCRR 225-2.4(b)**

#### Item 10.1:

The Compliance Demonstration activity will be performed for the Facility.

#### Item 10.2:

Compliance Demonstration shall include the following monitoring:

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Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS Monitoring Description: Fuel contaminant limitations for sulfur.

Work Practice Type: PARAMETER OF PROCESS MATERIAL Process Material: WASTE OIL Parameter Monitored: SULFUR CONTENT Upper Permit Limit: 1.5 percent by weight Monitoring Frequency: PER BATCH OF PRODUCT/RAW MATERIAL CHANGE Averaging Method: MAXIMUM - NOT TO BE EXCEEDED AT ANY TIME (INSTANTANEOUS/DISCRETE OR GRAB) Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

# Condition 11: Compliance Demonstration Effective between the dates of 03/20/2006 and Permit Expiration Date

# Applicable Federal Requirement: 6NYCRR 225-2.4(b)

# Item 11.1:

The Compliance Demonstration activity will be performed for the Facility.

# Item 11.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS Monitoring Description: Fuel contaminant limitations for total halogens.

Work Practice Type: PARAMETER OF PROCESS MATERIAL Process Material: WASTE OIL Parameter Monitored: CONCENTRATION Upper Permit Limit: 1000.0 parts per million by weight Monitoring Frequency: PER BATCH OF PRODUCT/RAW MATERIAL CHANGE Averaging Method: MAXIMUM - NOT TO BE EXCEEDED AT ANY TIME (INSTANTANEOUS/DISCRETE OR GRAB) Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 12: Purchase of waste fuel prohibitions. Effective between the dates of 03/20/2006 and Permit Expiration Date

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

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**Item 12.1:** No owner or operator of a facility proposing to burn waste fuel or transporter of waste fuel may purchase, accept delivery, pick up or accept in trade any waste fuel unless the facility is receiving or proposing to burn waste fuel that that meets the applicable requirements of this Subpart and the

#### of the ECL and the

transporter of the waste fuel is permitted under 6 NYCRR Part 364.

# Condition 13: Compliance Demonstration Effective between the dates of 03/20/2006 and Permit Expiration Date

#### Applicable Federal Requirement: 6NYCRR 225-2.7(a)

# Item 13.1:

The Compliance Demonstration activity will be performed for the Facility.

#### Item 13.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES Monitoring Description:

Facility must sample and analyze each received batch of Waste Fuel A to demonstrate compliance with requirements of Part 225-2.4(b). Certified analyses from fuel vendor may be used for this purpose. Records of all analyses must be kept on site or at main office (1150 Penfield Rd.) for a minimum of three years.

Monitoring Frequency: PER BATCH OF PRODUCT/RAW MATERIAL CHANGE Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

#### \*\*\*\* Emission Unit Level \*\*\*\*

# Condition 14: Emission Unit Permissible Emissions Effective between the dates of 03/20/2006 and Permit Expiration Date

# Applicable Federal Requirement: 6NYCRR 201-7

#### Item 14.1:

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-HD001

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

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PTE(s): 45.5 pounds per hour 81,900 pounds per year

# Condition 15: Process Permissible Emissions Effective between the dates of 03/20/2006 and Permit Expiration Date

#### Applicable Federal Requirement: 6NYCRR 201-7

# Item 15.1:

The sum of emissions from the regulated process cited shall not exceed the following Potential to Emit (PTE) rates for each regulated contaminant:

Emission Unit: U-HD001 Process: HDF

CAS No: 000630-08-0 Name: CARBON MONOXIDE PTE(s): 45.5 pounds per hour 0.13 pounds per ton 81,900 pounds per year

Emission Unit: U-HD001

Process: HDG

CAS No: 000630-08-0 Name: CARBON MONOXIDE PTE(s): 45.5 pounds per hour 0.13 pounds per ton 81,900 pounds per year

Emission Unit: U-HD001

Process: HDW

CAS No: 000630-08-0 Name: CARBON MONOXIDE PTE(s): 45.5 pounds per hour 0.13 pounds per ton 81,900 pounds per year

Condition 16: Compliance Demonstration Effective between the dates of 03/20/2006 and Permit Expiration Date

# Applicable Federal Requirement: 40CFR 60.90, NSPS Subpart I

# Item 16.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-HD001

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

#### Item 16.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE Monitoring Description: ROCHESTER ASPHALT MATERIALS WILL MAINTAIN A MAGNEHELIC GAUGE FOR THE MONITORING OF PRESSURE DROP ACROSS THE FILTER BAGS OF THIS CONTROL DEVICE. PRESSURE WILL BE MAINTAINED WITHIN THE STATED RANGE.

Parameter Monitored: PRESSURE CHANGE Lower Permit Limit: 1 inches of water Upper Permit Limit: 8 inches of water Monitoring Frequency: CONTINUOUS Averaging Method: RANGE - NOT TO FALL OUTSIDE OF STATED RANGE AT ANY TIME Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

# Condition 17: Compliance Demonstration Effective between the dates of 03/20/2006 and Permit Expiration Date

# Applicable Federal Requirement: 40CFR 60.90, NSPS Subpart I

## Item 17.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-HD001

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

# Item 17.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING Monitoring Description: The opacity from an affected hot mix asphalt plant must not exceed 20% based on a 6 minute average.

Parameter Monitored: OPACITY Upper Permit Limit: 20 percent

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Reference Test Method: method 9 Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION Averaging Method: 6 MINUTE AVERAGE Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

# Condition 18: Compliance Demonstration Effective between the dates of 03/20/2006 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 60.90, NSPS Subpart I

# Item 18.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-HD001

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

# Item 18.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING Monitoring Description: The particulate matter emissions from an affected hot mix asphalt plant must not exceed 0.04 grains per DSCF.

Parameter Monitored: PARTICULATES Upper Permit Limit: 0.04 grains per dscf Reference Test Method: method 5 Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION Averaging Method: 1-HOUR AVERAGE 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 - 6NYCRR Part 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

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law.

# STATE ONLY APPLICABLE REQUIREMENTS The following conditions are state only enforceable.

# Condition 19: Contaminant List Effective between the dates of 03/20/2006 and Permit Expiration Date

Applicable State Requirement: ECL 19-0301

#### Item 19.1:

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: 0NY075-00-0 Name: PARTICULATES

CAS No: 0NY075-00-5 Name: PM-10

Condition 20: Unavoidable noncompliance and violations Effective between the dates of 03/20/2006 and Permit Expiration Date

# Applicable State Requirement: 6NYCRR 201-1.4

Item 20.1:

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

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

#### voidable 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.

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(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

#### s, 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

nissioner, 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 21: Emission Unit Definition Effective between the dates of 03/20/2006 and Permit Expiration Date

# Applicable State Requirement: 6NYCRR 201-5

# Item 21.1:

The facility is authorized to perform regulated processes under this permit for: Emission Unit: U-HD001 Emission Unit Description: EMISSION UNIT CONSISTS OF A 350 TPH HMA DRUM MIX ASPHALT PLANT, WHICH IS CAPABLE OF BURNING NATURAL GAS (PROCESS ID HDG), FUEL OIL (PROCESS ID HDF), OR WASTE FUEL A (PROCESS ID HDW).

Condition 22: Air pollution prohibited Effective between the dates of 03/20/2006 and Permit Expiration Date

Applicable State Requirement: 6NYCRR 211.2

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# Item 22.1:

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

ding 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 23: Compliance Demonstration Effective between the dates of 03/20/2006 and Permit Expiration Date

**Applicable State Requirement:** 6NYCRR 225-1.2(a)(2)

# Item 23.1:

The Compliance Demonstration activity will be performed for the Facility.

# Item 23.2:

Compliance Demonstration shall include the following monitoring:

# Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

No person shall use, purchase, sell, or offer for sale any distillate fuel oil which has a sulfur content greater than the limit presented below. A log of the sulfur content in oil per delivery must be maintained on site for a minimum of five years after the date of the last entry.

Work Practice Type: PARAMETER OF PROCESS MATERIAL Process Material: DISTILLATES - NUMBER 1 AND NUMBER 2 OIL Parameter Monitored: SULFUR CONTENT Upper Permit Limit: 1.5 percent reduction 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 03/20/2006 and Permit Expiration Date

# Applicable State Requirement: 6NYCRR 225-1.8

# Item 24.1:

The Compliance Demonstration activity will be performed for the Facility.

# Item 24.2:

Compliance Demonstration shall include the following monitoring:

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Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES Monitoring Description:

> An owner or operator of a facility which purchases and fires coal and/or oil shall submit reports to the commissioner containing fuel analysis data, information on the quantity of the fuel received, burned, and results of any stack sampling, stack monitoring and any other procedures to ensure compliance with the provisions of 6 NYCRR Part 225-1. All records shall be available for a minimum of three years.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

#### \*\*\*\* Emission Unit Level \*\*\*\*

# Condition 25: Emission Point Definition By Emission Unit Effective between the dates of 03/20/2006 and Permit Expiration Date

Applicable State Requirement: 6NYCRR 201-5

#### Item 25.1:

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

Emission Unit: U-HD001

Emission Point: HD001 Height (ft.): 32 NYTMN (km.): 4774. Length (in.): 27 Width (in.): 76

Condition 26: Process Definition By Emission Unit Effective between the dates of 03/20/2006 and Permit Expiration Date

Applicable State Requirement: 6NYCRR 201-5

# Item 26.1:

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

Emission Unit: U-HD001 Process: HDF Source Classification Code: 3-05-002-05 Process Description: 350 TPH HOT MIX ASPHALT DRUM PLANT BURNING FUEL OIL

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Emission Source/Control: HD0BH - Control Control Type: FABRIC FILTER

Emission Source/Control: HD001 - Process Design Capacity: 350 tons per hour

# Item 26.2:

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

Emission Unit: U-HD001 Process: HDG Source Classification Code: 3-05-002-05 Process Description: 350 TPH HOT MIX ASPHALT DRUM PLANT BURNING NATURAL GAS

Emission Source/Control: HD0BH - Control Control Type: FABRIC FILTER

Emission Source/Control: HD001 - Process Design Capacity: 350 tons per hour

# Item 26.3:

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

Emission Unit: U-HD001 Process: HDW Source Classification Code: 3-05-002-05 Process Description: 350 TPH HOT MIX ASPHALT DRUM PLANT BURNING WASTE FUEL A.

Emission Source/Control: HD0BH - Control Control Type: FABRIC FILTER

Emission Source/Control: HD001 - Process Design Capacity: 350 tons per hour