



PERMIT
Under the Environmental Conservation Law (ECL)

IDENTIFICATION INFORMATION

Permit Type: Air State Facility
Permit ID: 4-0122-00007/00722
Effective Date: 02/25/2008 Expiration Date: No expiration date

Permit Issued To: SABIC INNOVATIVE PLASTICS US LLC
1 NORYL AVE
SELKIRK, NY 12158

Facility: SABIC INNOVATIVE PLASTICS US LLC
1 NORYL AVE
SELKIRK, NY 12158

Contact: SRIKISHAN V KONIKI
SABIC NORYL US LLC
1 NORYL AVE
SELKIRK, NY 12158
(518) 475-5010

Description:
Installing air pollution control equipment (APCE) to comply with the Federal MON MACT regulation.

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: 6NYCRR 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.

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

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 application for permit modification or renewal-REGION 4 HEADQUARTERS
Applicable State Requirement: 6NYCRR 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



Permit Under the Environmental Conservation Law (ECL)

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

IDENTIFICATION INFORMATION

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1 NORYL AVE
SELKIRK, NY 12158

Facility: SABIC INNOVATIVE PLASTICS US LLC
1 NORYL AVE
SELKIRK, NY 12158

Authorized Activity By Standard Industrial Classification Code:
2821 - PLASTICS MATERIALS AND RESINS
2869 - INDUSTRIAL ORGANIC CHEMICALS, NEC

Permit Effective Date: 02/25/2008
date.

Permit Expiration Date: No expiration
date.



LIST OF CONDITIONS

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Facility Level

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

FEDERALLY ENFORCEABLE CONDITIONS

Emission Unit Level

EU=R-ESBLG

- 1 40CFR 63.2450(g)(5), Subpart FFFF: Initial Compliance Demonstrations
- 2 40CFR 63.2520, Subpart FFFF: 2520(a) - Overall reporting requirements

EU=R-ESBLG,EP=00460,Proc=RT5

- 3 6NYCRR 212.10(c): Compliance Demonstration
- 4 40CFR 63.982(c), Subpart SS: Closed vent system with nonflare control device
- 5 40CFR 63.983, Subpart SS: Compliance Demonstration
- 6 40CFR 63.985, Subpart SS: 985(a) - Nonflare control device equipment and operating requirements
- 7 40CFR 63.985, Subpart SS: Compliance Demonstration
- 25 40CFR 63.998, Subpart SS: Compliance Demonstration
- 8 40CFR 63.999, Subpart SS: Reporting Requirements
- 9 40CFR 63.2445, Subpart FFFF: Compliance dates for SABIC
- 10 40CFR 63.2445(c), Subpart FFFF: Deadline to meet notification requirements
- 11 40CFR 63.2450(a), Subpart FFFF: General compliance requirements
- 12 40CFR 63.2450(c)(2), Subpart FFFF: Requirements for combined emission streams
- 13 40CFR 63.2450(e)(1), Subpart FFFF: Requirements for control devices
- 14 40CFR 63.2450(k), Subpart FFFF: Compliance Demonstration
- 15 40CFR 63.2450(l), Subpart FFFF: Startup, shutdown, malfunction requirements
- 16 40CFR 63.2450(m), Subpart FFFF: General reporting requirement clarifications
- 17 40CFR 63.2450(r), Subpart FFFF: Surge control vessels and bottoms receivers
- 18 40CFR 63.2455(b), Subpart FFFF: Compliance Demonstration
- 19 40CFR 63.2470(a), Subpart FFFF: Compliance Demonstration
- 20 40CFR 63.2470(a), Subpart FFFF: Compliance Demonstration
- 21 40CFR 63.2470(d), Subpart FFFF: Compliance Demonstration
- 22 40CFR 63.2515, Subpart FFFF: 2515(a) - General notifications
- 23 40CFR 63.2525, Subpart FFFF: Compliance Demonstration
- 24 40CFR 63.2540, Subpart FFFF: General provisions of subpart A



EU=R-ESBLG,EP=00460,Proc=RT5,ES=CM460

- 26 6NYCRR 212.4(a): Compliance Demonstration
- 27 6NYCRR 212.4(a): Compliance Demonstration
- 28 6NYCRR 212.4(a): Compliance Demonstration

EU=R-ESBLG,EP=00460,Proc=RT5,ES=CW460

- 29 6NYCRR 212.4(a): Compliance Demonstration
- 30 6NYCRR 212.4(a): Compliance Demonstration

STATE ONLY ENFORCEABLE CONDITIONS

Facility Level

- 31 ECL 19-0301: Contaminant List
- 32 6NYCRR 201-1.4: Unavoidable noncompliance and violations
- 33 6NYCRR 201-5: Emission Unit Definition
- 34 6NYCRR 211.2: Air pollution prohibited

Emission Unit Level

- 35 6NYCRR 201-5: Emission Point Definition By Emission Unit
- 36 6NYCRR 201-5: Process Definition By Emission Unit



FEDERALLY ENFORCEABLE CONDITIONS

****** Emission Unit 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 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:

(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 - 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 Activities - 6 NYCRR Part 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 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 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: Initial Compliance Demonstrations
Effective between the dates of 02/25/2008 and Permit Expiration Date

Applicable Federal Requirement:40CFR 63.2450(g)(5), Subpart FFFF

Item 1.1:

This Condition applies to Emission Unit: R-ESBLG

Item 1.2:

§63.63.997(c)(1) does not apply to this facility. For the purposes of subpart FFFF, results of all initial compliance demonstrations must be included in the notification of compliance status report, which is due 150 days after the compliance date, as specified in §63.2520(d)(1).

Condition 2: 2520(a) - Overall reporting requirements
Effective between the dates of 02/25/2008 and Permit Expiration Date

Applicable Federal Requirement:40CFR 63.2520, Subpart FFFF

Item 2.1:

This Condition applies to Emission Unit: R-ESBLG

Item 2.2:

The facility must submit each report listed in table 11 which applies to the facility. These reports include the:

Precompliance report as listed in §63.2520(c)

Notification of Compliance Status report as listed in §63.2520(d), and
Semiannual Compliance reports as listed in §63.2520(e).

Condition 3: Compliance Demonstration
Effective between the dates of 02/25/2008 and Permit Expiration Date

Applicable Federal Requirement:6NYCRR 212.10(c)

Item 3.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: R-ESBLG Emission Point: 00460
Process: RT5

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

Item 3.2:

Compliance Demonstration shall include the following monitoring:

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



Monitoring Description:

Maintaining a blower output of 325 acfm or less, a liquid methanol feed rate of at least 1.5 gpm, a methanol scrubber gas exit temperature of 68 degrees F or colder, and a water flow rate of at least 2.0 gpm, will reduce total VOC emissions vented to this scrubber system by 81 wt. % or more.

Parameter Monitored: DEGREE OF AIR CLEANING

Lower Permit Limit: 81 percent by weight

Monitoring Frequency: CONTINUOUS

Averaging Method: 24-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2008.

Subsequent reports are due every 6 calendar month(s).

**Condition 4: Closed vent system with nonflare control device
Effective between the dates of 02/25/2008 and Permit Expiration Date**

Applicable Federal Requirement:40CFR 63.982(c), Subpart SS

Item 4.1:

This Condition applies to Emission Unit: R-ESBLG Emission Point: 00460
Process: RT5

Item 4.2:

The facility shall meet the requirements in §63.983 for closed vent systems, the applicable recordkeeping and reporting requirements in §§63.998 and 63.999, and the following:

1) For storage vessels and low throughput transfer racks, the facility shall meet the requirements in §63.985 for nonflare control devices and the monitoring, recordkeeping, and reporting requirements referenced therein. No other provisions of subpart SS apply to low throughput transfer rack emissions or storage vessel emissions vented through a closed vent system to a nonflare control device unless specifically required in the monitoring plan submitted under §63.985(c).

**Condition 5: Compliance Demonstration
Effective between the dates of 02/25/2008 and Permit Expiration Date**

Applicable Federal Requirement:40CFR 63.983, Subpart SS

Item 5.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: R-ESBLG Emission Point: 00460
Process: RT5

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

Item 5.2:



Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The facility is subject to the following rule and all of its parts, if applicable.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2008.

Subsequent reports are due every 6 calendar month(s).

Condition 6: 985(a) - Nonflare control device equipment and operating requirements

Effective between the dates of 02/25/2008 and Permit Expiration Date

Applicable Federal Requirement:40CFR 63.985, Subpart SS

Item 6.1:

This Condition applies to Emission Unit: R-ESBLG Emission Point: 00460
Process: RT5

Item 6.2:

The facility shall operate and maintain the nonflare control device so that the monitored parameters defined as required in §63.985(c) remain within the ranges specified in the Notification of Compliance Status whenever emissions of regulated material are routed to the control device except during periods of startup, shutdown, and malfunction as specified in the referencing subpart.

Condition 7: Compliance Demonstration

Effective between the dates of 02/25/2008 and Permit Expiration Date

Applicable Federal Requirement:40CFR 63.985, Subpart SS

Item 7.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: R-ESBLG Emission Point: 00460
Process: RT5

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

Item 7.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The facility is subject to this rule and to all of its parts, if applicable.



Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2008.

Subsequent reports are due every 6 calendar month(s).

Condition 25: Compliance Demonstration
Effective between the dates of 02/25/2008 and Permit Expiration Date

Applicable Federal Requirement:40CFR 63.998, Subpart SS

Item 25.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: R-ESBLG Emission Point: 00460
Process: RT5

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

Item 25.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Flare Compliance Assessment Records: When using a flare to comply with the requirements of Subpart SS, the owner/operator shall keep records of the flare design, all visible emission readings, heat content determinations, flow rate measurements, and exit velocity determinations made during the flare compliance assessment, all periods during the flare compliance assessment when all pilot flames are absent or, if only the flare flame is monitored, all periods when the flare flame is absent.

Flare Compliance Monitoring Records: The owner/operator shall keep up to date and readily accessible hourly records of whether the monitor is continuously operating and whether the flare flame or at least one pilot flame is continuously present. For transfer racks, hourly records are required only while the transfer rack vent stream is being vented.

Flare Compliance Records: The owner/operator shall keep records of the times and duration of all periods during which the flare flame or all the pilot flames are absent. This record shall be submitted in the periodic reports required in §63.999(c)(8). Records of the times and durations which the monitor is not operating shall also be kept.



Nonflare Control Device Performance Test Records: Upon request, the owner/operator shall make available such records as may be necessary to determine the conditions of performance tests performed pursuant to §§63.988(b), 63.990(b), 63.994(b), or 63.995(b).

Nonflare Control Device and Halogen Reduction Device Performance Test Records: The owner/operator shall keep up-to-date, readily accessible continuous records of the data specified in §63.998(a)(2)(ii)(B)-(D), as applicable, measured during each performance test performed pursuant to §§63.988(b), 63.990(b), 63.994(b), or 63.995(b). The data in the Notification of Compliance Status shall also be included as required in §63.999(b).

Halogen Concentration Records: The owner/operator shall record the halogen concentration in the vent stream determined according to the procedures specified in a referencing subpart. This record shall be submitted in the Notification of Compliance Status, as specified in §63.999(b)(4).

Continuous records shall be kept as provided in §63.998(b)(1). Monitoring data recorded during monitoring system breakdowns, repairs, preventive maintenance, non-operation of the process unit, and startups/shutdowns/malfunctions shall not be included in any average computed to determine compliance with an emission limit in a referencing subpart. Daily averages shall also be recorded as required in §63.998(b)(3).

Nonflare control and recovery device regulated source monitoring records: For process vents and high throughput transfer racks, the owner/operator shall keep the records specified in §63.998(c)(1). If a combustion control or halogen reduction device is used to comply with this subpart, the following records shall be kept up-to-date and readily accessible - continuous records of the equipment operating parameters specified to be monitored in §63.988(c), 63.994(c), and 63.995(c), the daily average value of each continuously monitored parameter for each operating day, and periods of operation during which the parameter boundaries are exceeded.

Monitoring Records for Recovery Devices, Absorbers, Condensers, Carbon Adsorbers, or Other Noncombustion Systems Used As Control Devices: If a recovery device is used to achieve and maintain a TRE index value greater than the control applicability level specified in the referencing subpart but less than 4.0, or if a recovery device, absorber, condenser, carbon adsorber, or other non-combustion system is used as a control device, readily



accessible, up-to-date records shall be kept of the equipment operating parameters specified to be monitored under §§63.990(c), §63.993(c), or §63.995(c), daily averages of each continuously monitored parameter and periods of when the parameters boundaries were exceeded shall also be kept.

Closed Vent System Records: The owner/operator shall keep records of the identification of all parts of the closed vent system that are designated as unsafe- or difficult-to-monitor, an explanation of why the equipment is unsafe or difficult to inspect, the plan for inspecting the equipment required by §63.983(b)(2)(ii) or (iii), if there are bypass lines that could divert emissions from the control device, hourly records of whether the flow indicator specified under §63.983(a)(3)(i) was operating and whether a diversion was detected at any time during the hour, records of the times of all periods when the vent stream is diverted from the control device or the flow indicator is not operating. When a leak is detected as specified in §63.983(d)(2), the information specified in §63.998(d)(1)(iii)(A)-(F) shall be recorded and kept for five years.

Storage Vessel and Transfer Rack Records: The owner/operator shall keep readily accessible records of the measured values of the parameters monitored in accordance with §63.985(c) or §63.987(c) and a record of the planned routine maintenance performed on the control system during which the control system does not meet the applicable specifications of §§63.983(a), 63.985(a), or 63.987(a), as applicable, due to the planned routine maintenance. This record shall include all information listed in §63.998(d)(2)(ii)(A)-(C).

Startup/Shutdown/Malfunction Records: The owner/operator shall keep records of the occurrence and duration of each startup, shutdown, and malfunction of operation of process equipment or of air pollution control equipment used to comply with this part during which excess emissions occur. These records shall include whether the procedures in the startup/shutdown/malfunction plan were followed, and documentation of actions taken that are not consistent with the plan.

Equipment Leak Records: The owner/operator shall keep the following records for closed vent systems and control devices if specified by the equipment leak provisions in a referencing subpart: The design specifications and performance demonstrations specified in §63.998(d)(4)(i)(A)-(C) shall be kept for the life of the equipment, records of operation of closed vent system and



control devices including dates and durations when the closed vent systems and control devices required are not operated as designed as indicated by the monitored parameters, dates and durations during which the monitoring system or monitoring device is inoperative, and dates and durations of start-ups and shutdowns of control devices required in this subpart shall be retained for five years.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2008.

Subsequent reports are due every 6 calendar month(s).

Condition 8: Reporting Requirements
Effective between the dates of 02/25/2008 and Permit Expiration Date

Applicable Federal Requirement:40CFR 63.999, Subpart SS

Item 8.1:

This Condition applies to Emission Unit: R-ESBLG Emission Point: 00460
Process: RT5

Item 8.2:

Performance test and flare compliance assessment notifications and reports:

General requirements:

- The owner/operator shall give 30 days notice before conducting a performance test or flare compliance assessment in order to allow NYSDEC the opportunity to have an observer present. If a delay occurs in conducting the scheduled compliance demonstration, the owner/operator shall notify NYSDEC as soon as possible and provide at least 7 days prior notice of the rescheduled date. Performance test reports that are not submitted with the Notification of Compliance Status report shall be submitted within 60 days.

Performance test and flare compliance assessment report submittal and content requirements:

- The Notification of Compliance Status or performance test report shall include one complete test report for each test method used for a particular kind of emission point. If additional tests are performed for the same kind of emissions point using the same method, only the results and any other information required in applicable sections of this subpart shall be submitted.
- A complete test report shall include a brief description of the process, the sampling site, sampling and analysis procedures, modifications to standard procedures, quality assurance procedures, records of operating conditions during the test, records of preparation of standards, records of calibrations, raw data sheets for field sampling, raw data sheets for field and lab analyses, documentation of calculations, and any other information required by the test method.
- The performance test report shall also include the records specified in §63.998(a)(1)(i) for



flare compliance assessments, the records specified in §63.998(a)(2)(ii) for nonflare control devices and halogen reduction device performance tests, and the records specified in §63.998(a)(3) for recovery devices.

Notification of Compliance Status Report:

- The following information shall be included in the Notification of Compliance Status report, as applicable:
 - If storage vessel emissions are routed to a process, the owner/operator shall submit the information listed in §63.984(b)(2) and (b)(3).
 - If storage vessel emissions are routed to a fuel gas system, a statement that the emission stream is connected to the fuel gas system and whether the conveyance system is subject to the requirements of §63.983 shall be submitted.
 - As specified in §63.984(c), report that the transfer rack emission stream is being routed to a fuel gas system or process, when complying with a referencing subpart.
 - If storage vessel or low throughput transfer rack emissions are routed to a nonflare control device, the information listed in §63.999(b)(2)(i)-(vi) shall be submitted.

- The operating range for each monitoring parameter identified for each control, recovery, or halogen reduction device as determined pursuant to §63.996(c)(6) shall be submitted with the Notification of Compliance Status report. This range shall represent the conditions for which the control, recovery, or halogen reduction device is being properly operated and maintained. This report shall include the specific range of the monitored parameter for each emission point, the rationale for the specific range for each parameter for each emission point, including any data and calculations used to develop the range and a description of why the range indicates proper operation of the control, recovery, or halogen reduction device, as specified in §63.999(b)(3)(ii)(A)-(C), as applicable. A definition of the source's operating day for purposes of determining daily average values of monitored parameters shall also be submitted. The definition shall specify the times at which an operating day begins and ends.

- For halogen reduction devices, the information recorded pursuant to §63.998(a)(4) shall be submitted.

Periodic Reports:

- Periodic reports shall include the reporting period dates, the total source operating time for the reporting period, and, as applicable, the following information:
 - reports of periods when monitored parameters are outside their established ranges,
 - all periods when the pilot flame on a flare was absent,
 - For closed vent systems, the information recorded in §63.998(d)(1)(iii)(B)-(E), reports of the times of all periods when the vent stream is diverted from the control device through a bypass line, and reports of all times recorded when maintenance is performed in car-sealed valves, when the seal is broken, when the bypass line valve position is changed, or the key for a lock-and-key type configuration has been checked out.
 - For storage vessels, the information recorded in §63.998(d)(2)(ii)(A)-(C), the total number of hours that the control system did not meet the requirements of §§63.983(a), 63.985(a), or 63.987(a) due to planned routine maintenance for the previous 12 months, and a description



of the planned routine maintenance during the next 6-month period that is anticipated to be performed for the control system when it is not expected to meet the required control efficiency. This description shall include the type of maintenance necessary, the planned frequency of the maintenance, and expected lengths of maintenance periods.

- For nonflare control devices used to control emissions from storage vessels and low throughput transfer racks, each occurrence when the monitored parameters were outside of the parameter ranges documented in the Notification of Compliance Status report, the identification of the control device for which the measured parameters were outside of the established ranges, and the cause for the measured parameters to be outside of the established ranges.

- For process vents and transfer racks that are not low-throughput,

--- The daily average values of monitored parameters shall be included for any days when:
1) the daily average value is outside the range as defined in §63.998(c)(2)(iii) or (c)(3)(iii),
2) the period of control or recovery device operation is 4 hours or greater in an operating day and monitoring data are insufficient to constitute a valid hour of data for at least 75% of the operating hours [monitoring data is insufficient for the hour if measured values are unavailable for any of the 15-minute periods within the hour], 3) the period of control or recovery device operation is less than 4 hours in an operating day and more than one of the hours during the period of operation does not constitute a valid hour of data due to insufficient monitoring data.

--- All carbon-bed regeneration cycles during which the parameters recorded under §63.998(a)(2)(ii)(C) were outside the ranges established in the Notification of Compliance Status or in the operating permit.

Condition 9: Compliance dates for SABIC
Effective between the dates of 02/25/2008 and Permit Expiration Date

Applicable Federal Requirement:40CFR 63.2445, Subpart FFFF

Item 9.1:

This Condition applies to Emission Unit: R-ESBLG Emission Point: 00460
Process: RT5

Item 9.2: If the facility has an affected source on November 10, 2003, the facility must comply with the requirements for existing sources in subpart FFFF no later than May 10, 2008. If an extension is granted, the May 10, 2008 deadline can be extended. The agreed upon terms of the extension is the following: This facility shall come into compliance with this condition 180 days after permit issuance.

Condition 10: Deadline to meet notification requirements
Effective between the dates of 02/25/2008 and Permit Expiration Date

Applicable Federal Requirement:40CFR 63.2445(c), Subpart FFFF

Item 10.1:

This Condition applies to Emission Unit: R-ESBLG Emission Point: 00460
Process: RT5

Item 10.2:

The facility must meet the notification requirements in §63.2515 according to the dates specified in that section and in subpart A of part 63. Some of the notifications must be submitted before



the facility is required to comply with the emission limits, operating limits, and work practice standards in subpart FFFF.

Condition 11: General compliance requirements
Effective between the dates of 02/25/2008 and Permit Expiration Date

Applicable Federal Requirement:40CFR 63.2450(a), Subpart FFFF

Item 11.1:

This Condition applies to Emission Unit: R-ESBLG Emission Point: 00460
Process: RT5

Item 11.2:

The facility must be in compliance with the emission limits and work practice standards in tables 1-7 to subpart FFFF at all times, except during periods of startup, shutdown, and malfunction (SSM), and the facility must meet the requirements specified in §§63.2455-2490 (or the alternative means of compliance in §63.2495, §63.2500, or §63.2505), except as specified in §63.2450(b)-(s). The facility must meet the notification, reporting, and recordkeeping requirements specified in §§63.2515, 63.2520, and 63.2525.

Condition 12: Requirements for combined emission streams
Effective between the dates of 02/25/2008 and Permit Expiration Date

Applicable Federal Requirement:40CFR 63.2450(c)(2), Subpart FFFF

Item 12.1:

This Condition applies to Emission Unit: R-ESBLG Emission Point: 00460
Process: RT5

Item 12.2:

When organic HAP emissions from different emission types (e.g., continuous process vents, batch process vents, storage tanks, transfer operations, and waste management units) are combined, the facility must determine the applicable requirements based on the hierarchy presented below. For a combined stream, the applicable requirements are specified in the highest-listed item in the hierarchy that applies to any of the individual streams that make up the combined stream. Two exceptions are that the facility must comply with the requirements in table 3 of subpart FFFF and §63.2465 for all process vents with hydrogen halide and halogen HAP emissions, and recordkeeping requirements for group 2 applicability or compliance are still required (e.g., the requirement in §63.2525(f) to track the number of batches produced and calculate rolling annual emissions for processes with group 2 batch process vents).

1- the requirements of table 2 to subpart FFFF and §63.2460 for group 1 batch process vents, including applicable monitoring, recordkeeping, and reporting.

2- The requirements of table 1 to subpart FFFF and §63.2455 for continuous process vents that are routed to a control device, as defined in §63.981, including applicable monitoring, recordkeeping, and reporting.

3- The requirements of table 5 to subpart FFFF and §63.2475 for transfer operations, including applicable monitoring, recordkeeping, and reporting.



4- The requirements of table 7 to subpart FFFF and §63.2485 for emissions from waste management units that are used to manage and treat group 1 wastewater streams and residuals from group 1 wastewater streams, including applicable monitoring, recordkeeping, and reporting.

5- The requirements of table 4 to subpart FFFF and §63.2470 for control of emissions from storage tanks, including applicable monitoring, recordkeeping, and reporting.

6- The requirements in table 1 to subpart FFFF and §63.2455 for continuous process vents after a recovery device including applicable monitoring, recordkeeping, and reporting.

Condition 13: Requirements for control devices
Effective between the dates of 02/25/2008 and Permit Expiration Date

Applicable Federal Requirement:40CFR 63.2450(e)(1), Subpart FFFF

Item 13.1:

This Condition applies to Emission Unit: R-ESBLG Emission Point: 00460
Process: RT5

Item 13.2:

Except when complying with §63.2485, if the facility reduces organic HAP emissions by venting emissions through a closed-vent system to any combination of control devices (except a flare) or recovery devices, the facility must meet the requirements of §63.982(c) and the requirements references therein.

Condition 14: Compliance Demonstration
Effective between the dates of 02/25/2008 and Permit Expiration Date

Applicable Federal Requirement:40CFR 63.2450(k), Subpart FFFF

Item 14.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: R-ESBLG Emission Point: 00460
Process: RT5

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

Item 14.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The facility is subject to this rule and to all of its parts, if applicable.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)



Reports due 30 days after the reporting period.
The initial report is due 7/30/2008.
Subsequent reports are due every 6 calendar month(s).

Condition 15: Startup, shutdown, malfunction requirements
Effective between the dates of 02/25/2008 and Permit Expiration Date

Applicable Federal Requirement:40CFR 63.2450(l), Subpart FFFF

Item 15.1:

This Condition applies to Emission Unit: R-ESBLG Emission Point: 00460
Process: RT5

Item 15.2:

§§63.152(f)(7)(ii)-(iv) and 63.998(b)(2)(iii) and (b)(6)(i)(A), which apply to the exclusion of monitoring data collected during periods of startup, shutdown, and malfunction from daily averages, do not apply for the purposes of subpart FFFF.

Condition 16: General reporting requirement clarifications
Effective between the dates of 02/25/2008 and Permit Expiration Date

Applicable Federal Requirement:40CFR 63.2450(m), Subpart FFFF

Item 16.1:

This Condition applies to Emission Unit: R-ESBLG Emission Point: 00460
Process: RT5

Item 16.2:

When §§63.2455-63.2490 reference other subparts in part 63 that use the term 'periodic report', it means 'compliance report' for the purposes of subpart FFFF. the compliance report must include the information specified in §63.2520(e), as well as the information specified in referenced subparts.

When there are conflicts between subpart FFFF and referenced subparts for the due dates of reports required by subpart FFFF, reports must be submitted according to the due dates presented in subpart FFFF.

Excused excursions, as defined in subparts G and SS of part 63, are not allowed in subpart FFFF.

Condition 17: Surge control vessels and bottoms receivers
Effective between the dates of 02/25/2008 and Permit Expiration Date

Applicable Federal Requirement:40CFR 63.2450(r), Subpart FFFF

Item 17.1:

This Condition applies to Emission Unit: R-ESBLG Emission Point: 00460
Process: RT5

Item 17.2:

For each surge control vessel or bottoms receiver that meets the capacity and vapor pressure thresholds for a group 1 storage tank, the facility must meet the emission limits and work



practice standards specified in table 4 of subpart FFFF.

Condition 18: Compliance Demonstration
Effective between the dates of 02/25/2008 and Permit Expiration Date

Applicable Federal Requirement:40CFR 63.2455(b), Subpart FFFF

Item 18.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: R-ESBLG Emission Point: 00460
Process: RT5

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

Item 18.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

For each continuous process vent, the facility must either designate the vent as a Group 1 continuous process vent or determine the total resource effectiveness (TRE) index value as specified in §63.115(d), except as specified in §63.2445(b)(1)-(3).

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 19: Compliance Demonstration
Effective between the dates of 02/25/2008 and Permit Expiration Date

Applicable Federal Requirement:40CFR 63.2470(a), Subpart FFFF

Item 19.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: R-ESBLG Emission Point: 00460
Process: RT5

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

Item 19.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

For each storage tank that qualifies as group 1 as defined in §63.2550, then the facility must reduce total HAP emissions by at least 95% by weight by venting emissions through a closed vent system to any combination of control devices (excluding a flare).



The facility must meet the requirements in §63.2450(e)(1) and subpart SS for demonstration of initial compliance, monitoring, recordkeeping, and reporting to ensure the 95% control is being met.

Parameter Monitored: HAP
Lower Permit Limit: 95 percent reduction by weight
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 60 days after the reporting period.
The initial report is due 8/29/2008.
Subsequent reports are due every 6 calendar month(s).

Condition 20: Compliance Demonstration
Effective between the dates of 02/25/2008 and Permit Expiration Date

Applicable Federal Requirement:40CFR 63.2470(a), Subpart FFFF

Item 20.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: R-ESBLG Emission Point: 00460
Process: RT5

Regulated Contaminant(s):
CAS No: ONY100-00-0 HAP

Item 20.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

Maintaining a blower output of 325 acfm or less, a liquid methanol feed rate of at least 1.5 gpm, amethanol gas scrubber gas exit temperature of 68 degrees F or colder, and a water flow rate of at least 2.0 gpm, will reduce the total HAP emissions vented to this scrubber system by 95 wt % or more. This monitoring plan (approved by EPA on 1/10/2008), or other approved monitoring plan approved by EPA, will be used to demonstrate the required HAP removal per 63.998(c)(3)(i).

Parameter Monitored: OVERALL ORGANIC HAP CONTROL EFFICIENCY
Lower Permit Limit: 95 percent by weight
Monitoring Frequency: CONTINUOUS
Averaging Method: 24-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2008.
Subsequent reports are due every 6 calendar month(s).

Condition 21: Compliance Demonstration



Regulated Contaminant(s):
CAS No: 000108-88-3 TOLUENE

Item 26.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

Maintaining a blower output of 325 acfm or less, a liquid methanol feed rate of at least 1.5 gpm, and a methanol scrubber gas exit temperature of 68 degree F or colder, will control the toluene emissions vented to this scrubber system by 94% or more. These limits also satisfy the 81% control requirement of the 212.10(c) VOC RACT.

Parameter Monitored: VOLUMETRIC FLOW RATE

Upper Permit Limit: 325 cubic feet per minute

Monitoring Frequency: CONTINUOUS

Averaging Method: 24-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2008.

Subsequent reports are due every 6 calendar month(s).

Condition 27: Compliance Demonstration
Effective between the dates of 02/25/2008 and Permit Expiration Date

Applicable Federal Requirement:6NYCRR 212.4(a)

Item 27.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: R-ESBLG Emission Point: 00460
Process: RT5 Emission Source: CM460

Regulated Contaminant(s):
CAS No: 000108-88-3 TOLUENE

Item 27.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

Maintaining a blower output of 325 acfm or less, a liquid methanol feed rate of at least 1.5 gpm, and a methanol scrubber gas exit temperature of 68 degree F or colder, will control the toluene emissions vented to this scrubber system by 94% or more. These limits also satisfy the 81% control requirement of the 212.10(c) VOC RACT.

Parameter Monitored: VOLUMETRIC FLOW RATE



Lower Permit Limit: 1.5 gallons per minute
Monitoring Frequency: CONTINUOUS
Averaging Method: 24-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2008.
Subsequent reports are due every 6 calendar month(s).

Condition 28: Compliance Demonstration
Effective between the dates of 02/25/2008 and Permit Expiration Date

Applicable Federal Requirement:6NYCRR 212.4(a)

Item 28.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: R-ESBLG Emission Point: 00460
Process: RT5 Emission Source: CM460

Regulated Contaminant(s):
CAS No: 000108-88-3 TOLUENE

Item 28.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

Maintaining a blower output of 325 acfm or less, a liquid methanol feed rate of at least 1.5 gpm, and a methanol scrubber gas exit temperature of 68 degree F or colder, will control the toluene emissions vented to this scrubber system by 94% or more. These limits also satisfy the 81% control requirement of the 212.10(c) VOC RACT.

Parameter Monitored: TEMPERATURE
Upper Permit Limit: 68 degrees Fahrenheit
Monitoring Frequency: CONTINUOUS
Averaging Method: 24-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2008.
Subsequent reports are due every 6 calendar month(s).

Condition 29: Compliance Demonstration
Effective between the dates of 02/25/2008 and Permit Expiration Date

Applicable Federal Requirement:6NYCRR 212.4(a)

Item 29.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: R-ESBLG Emission Point: 00460



Process: RT5

Emission Source: CW460

Regulated Contaminant(s):

CAS No: 000067-56-1

METHYL ALCOHOL

Item 29.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

Maintaining a blower out put of 325 acfm or less, and a water feed rate of at least 2.0 gpm, will control methanol emissions vented to this scrubber system by 91% or more. These limits also satisfy the 81% control requirement of 212.10(c) VOC RACT.

Parameter Monitored: VOLUMETRIC FLOW RATE

Lower Permit Limit: 2.0 gallons per minute

Monitoring Frequency: CONTINUOUS

Averaging Method: 24-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2008.

Subsequent reports are due every 6 calendar month(s).

Condition 30: Compliance Demonstration

Effective between the dates of 02/25/2008 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 212.4(a)

Item 30.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: R-ESBLG

Emission Point: 00460

Process: RT5

Emission Source: CW460

Regulated Contaminant(s):

CAS No: 000067-56-1

METHYL ALCOHOL

Item 30.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

Maintaining a blower out put of 325 acfm or less, and a water feed rate of at least 2.0 gpm, will control methanol emissions vented to this scrubber system by 91% or more. these limits also satisfy the 81% control requirement of 212.10(c) VOC RACT.

Parameter Monitored: VOLUMETRIC FLOW RATE



Upper Permit Limit: 325 cubic feet per minute
Monitoring Frequency: CONTINUOUS
Averaging Method: 24-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2008.
Subsequent reports are due every 6 calendar month(s).



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 law.

STATE ONLY APPLICABLE REQUIREMENTS

The following conditions are state only enforceable.



Condition 31: Contaminant List
Effective between the dates of 02/25/2008 and Permit Expiration Date

Applicable State Requirement:ECL 19-0301

Item 31.1:

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

CAS No: 0NY100-00-0

Name: HAP

CAS No: 000067-56-1

Name: METHYL ALCOHOL

CAS No: 000108-88-3

Name: TOLUENE

CAS No: 0NY998-00-0

Name: VOC

Condition 32: Unavoidable noncompliance and violations
Effective between the dates of 02/25/2008 and Permit Expiration Date

Applicable State Requirement:6NYCRR 201-1.4

Item 32.1:

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 superseded 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 33: Emission Unit Definition
Effective between the dates of 02/25/2008 and Permit Expiration Date

Applicable State Requirement:6NYCRR 201-5

Item 33.1:

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

Emission Unit: R-ESBLG

Emission Unit Description:

Resin produces plastic resins.

Building(s): RESIN

Condition 34: Air pollution prohibited
Effective between the dates of 02/25/2008 and Permit Expiration Date

Applicable State Requirement:6NYCRR 211.2

Item 34.1:

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.



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

Condition 35: Emission Point Definition By Emission Unit
Effective between the dates of 02/25/2008 and Permit Expiration Date

Applicable State Requirement:6NYCRR 201-5

Item 35.1:

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

Emission Unit: R-ESBLG

Emission Point: 00460

Height (ft.): 50

Diameter (in.): 6

NYTMN (km.): 4714.35

NYTME (km.): 594.04

Building: RESIN

Condition 36: Process Definition By Emission Unit
Effective between the dates of 02/25/2008 and Permit Expiration Date

Applicable State Requirement:6NYCRR 201-5

Item 36.1:

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

Emission Unit: R-ESBLG

Process: RT5

Source Classification Code: 4-07-146-98

Process Description:

MON MACT (40 CFR 63 Subpart FFFF) Tanks
and Area 8 Scrubber System.

Emission Source/Control: CM460 - Control

Control Type: WET SCRUBBER

Emission Source/Control: CW460 - Control

Control Type: WET SCRUBBER

Emission Source/Control: 00403 - Process

Emission Source/Control: 00417 - Process

Emission Source/Control: 00420 - Process

Emission Source/Control: 00421 - Process

Emission Source/Control: 00448 - Process

Emission Source/Control: 01368 - Process

Emission Source/Control: 01369 - Process



Emission Source/Control: DC539 - Process

Emission Source/Control: DC550 - Process

Emission Source/Control: DC590 - Process

