



PERMIT
Under the Environmental Conservation Law (ECL)

IDENTIFICATION INFORMATION

Permit Type: Air State Facility
Permit ID: 7-0350-00106/00001
Mod 0 Effective Date: 06/01/2011 Expiration Date: 02/13/2019
Mod 2 Effective Date: 03/14/2012 Expiration Date: 02/13/2019
Mod 3 Effective Date: 02/14/2014 Expiration Date: 02/13/2019

Permit Issued To: WILLIAMS FIELD SERVICES COMPANY LLC
ONE WILLIAMS CENTER
TULSA, OK 74172

Facility: DUNBAR COMPRESSOR STATION
414 DUNBAR RD
WINDSOR, NY 13865

Contact: DALE R HARPER
333 CLAY ST
SUITE 4500
HOUSTON, TX 77002
(713) 655-9500

Description:

This is a modification to add two new Caterpillar engines 3616, 4SLB, 4735 hp, with catalytic oxidation, to the facility. A lube oil tank will be replaced, as will a TEG storage tank.

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: JOSEPH M DLUGOLENSKI
1285 FISHER AVE
CORTLAND, NY 13045-1090

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
 - Permit modifications, suspensions or revocations by the Department

Facility Level

- Submission of application for permit modification or renewal-REGION 7 HEADQUARTERS



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

Condition 1: Facility Inspection by the Department

Applicable State Requirement: ECL 19-0305

Item 1.1:

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

Item 1.2:

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

Item 1.3:

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

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

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

Item 2.1:

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

Condition 3: Applications for permit renewals, modifications and transfers

Applicable State Requirement: 6 NYCRR 621.11

Item 3.1:

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

Item 3.2:

The permittee must submit a renewal application at least 180 days before 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 3-1: Permit modifications, suspensions or revocations by the Department

Applicable State Requirement: 6 NYCRR 621.13

Item 3-1.1:

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

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

Condition 4: Permit modifications, suspensions or revocations by the Department

Applicable State Requirement: 6 NYCRR 621.13

Item 4.1:

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

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

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

Condition 5: Submission of application for permit modification or renewal-REGION 7 HEADQUARTERS

Applicable State Requirement: 6 NYCRR 621.6 (a)

Item 5.1:

Submission of applications for permit modification or renewal are to be submitted to:
NYSDEC Regional Permit Administrator
Region 7 Headquarters
Division of Environmental Permits
615 Erie Blvd West
Syracuse, NY 13204-2400



(315) 426-7400

New York State Department of Environmental Conservation

Permit ID: 7-0350-00106/00001

Facility DEC ID: 7035000106



Permit Under the Environmental Conservation Law (ECL)

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

IDENTIFICATION INFORMATION

Permit Issued To: WILLIAMS FIELD SERVICES COMPANY LLC
ONE WILLIAMS CENTER
TULSA, OK 74172

Facility: DUNBAR COMPRESSOR STATION
414 DUNBAR RD
WINDSOR, NY 13865

Authorized Activity By Standard Industrial Classification Code:
1389 - OIL AND GAS FIELD SERVICES NEC

Mod 0 Permit Effective Date: 06/01/2011

Permit Expiration Date: 02/13/2019

Mod 2 Permit Effective Date: 03/14/2012

Permit Expiration Date: 02/13/2019

Mod 3 Permit Effective Date: 02/14/2014

Permit Expiration Date: 02/13/2019



LIST OF CONDITIONS

FEDERALLY ENFORCEABLE CONDITIONS

Facility Level

- 3-1 6 NYCRR 200.6: Acceptable Ambient Air Quality
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- 3-3 6 NYCRR 200.6: Compliance Demonstration
- 3-4 6 NYCRR 200.7: Compliance Demonstration
- 1 6 NYCRR Subpart 201-7: Facility Permissible Emissions
- *3-5 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- *5 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- *3-6 6 NYCRR Subpart 201-7: Capping Monitoring Condition
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- *3-8 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- *3-9 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- *3-10 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- *3-11 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- *3-12 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- *3-13 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- 3-14 6 NYCRR Part 211: Compliance Demonstration
- 9 6 NYCRR 211.1: Air pollution prohibited
- 3-15 6 NYCRR 212.4: Compliance Demonstration
- 11 6 NYCRR 212.6 (a): Compliance Demonstration
- 12 6 NYCRR 227-1.3 (a): Compliance Demonstration
- 3-16 6 NYCRR 231-3.5 (b): Compliance Demonstration
- 13 40CFR 60.4245(a), NSPS Subpart JJJJ: Compliance Demonstration
- 14 40CFR 60.4245(c), NSPS Subpart JJJJ: Compliance Demonstration
- 15 40CFR 60.4245(d), NSPS Subpart JJJJ: Performance test requirements
- 3-17 40CFR 60.5385, NSPS Subpart OOOO: Compliance Demonstration
- 3-18 40CFR 60.5410, NSPS Subpart OOOO: Compliance Demonstration
- 3-19 40CFR 60.5415, NSPS Subpart OOOO: Compliance Demonstration
- 3-20 40CFR 60.5420, NSPS Subpart OOOO: Compliance Demonstration
- 16 40CFR 63.774, Subpart HH: Compliance Demonstration

Emission Unit Level

EU=1-COMPR

- *18 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- *3-21 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- *3-22 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- 20 40CFR 60.4233(e), NSPS Subpart JJJJ: Compliance Demonstration
- 21 40CFR 60.4233(e), NSPS Subpart JJJJ: Compliance Demonstration
- 22 40CFR 60.4233(e), NSPS Subpart JJJJ: Compliance Demonstration

EU=1-DEHYD

- 3-23 6 NYCRR 212.4 (a): Compliance Demonstration
- 3-24 40CFR 63.764, Subpart HH: Compliance Demonstration

EU=1-DEHYD,EP=FLARE,Proc=CNL,ES=FLARE

- 3-25 6 NYCRR 200.6: Compliance Demonstration



STATE ONLY ENFORCEABLE CONDITIONS

Facility Level

- 25 ECL 19-0301: Contaminant List
- 3-26 6 NYCRR 201-1.4: Malfunctions and start-up/shutdown activities
- 26 6 NYCRR 201-1.4: Unavoidable noncompliance and violations
- 3-27 6 NYCRR 201-1.15: Requirement to Commence Construction
- 27 6 NYCRR Subpart 201-5: Emission Unit Definition
- 3-28 6 NYCRR 201-5.2 (c): Renewal deadlines for state facility permits
- 3-29 6 NYCRR 201-5.3 (c): Compliance Demonstration
- 28 6 NYCRR 211.2: Visible Emissions Limited

Emission Unit Level

- 29 6 NYCRR Subpart 201-5: Emission Point Definition By Emission Unit
- 30 6 NYCRR Subpart 201-5: Process Definition By Emission Unit

NOTE: * preceding the condition number indicates capping.



FEDERALLY ENFORCEABLE CONDITIONS
****** Facility Level ******

NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS

This section contains terms and conditions which are federally enforceable. Permittees may also have other obligations under regulations of general applicability

Item A: Sealing - 6 NYCRR 200.5

The Commissioner may seal an air contamination source to prevent its operation if compliance with 6 NYCRR Chapter III is not met within the time provided by an order of the Commissioner issued in the case of the violation.

Sealing means labeling or tagging a source to notify any person that operation of the source is prohibited, and also includes physical means of preventing the operation of an air contamination source without resulting in destruction of any equipment associated with such source, and includes, but is not limited to, bolting, chaining or wiring shut control panels, apertures or conduits associated with such source.

No person shall operate any air contamination source sealed by the Commissioner in accordance with this section unless a modification has been made which enables such source to comply with all requirements applicable to such modification.

Unless authorized by the Commissioner, no person shall remove or alter any seal affixed to any contamination source in accordance with this section.

Item B: Acceptable Ambient Air Quality - 6 NYCRR 200.6

Notwithstanding the provisions of 6 NYCRR Chapter III, Subchapter A, no person shall allow or permit any air contamination source to emit air contaminants in quantities which alone or in combination with emissions from other air contamination sources would contravene any applicable ambient air quality standard and/or cause air pollution. In such cases where contravention occurs or may occur, the Commissioner shall specify the degree and/or method of emission control required.

Item C: Maintenance of Equipment - 6 NYCRR 200.7

Any person who owns or operates an air contamination source which is equipped with an emission control device shall operate such device and keep it in a satisfactory state of maintenance and repair in accordance with ordinary and necessary practices, standards and procedures, inclusive of manufacturer's specifications,



required to operate such device effectively.

Item D: Unpermitted Emission Sources - 6 NYCRR 201-1.2

If an existing emission source was subject to the permitting requirements of 6 NYCRR Part 201 at the time of construction or modification, and the owner and/or operator failed to apply for a permit for such emission source then the following provisions apply:

- (a) The owner and/or operator must apply for a permit for such emission source or register the facility in accordance with the provisions of Part 201.
- (b) The emission source or facility is subject to all regulations that were applicable to it at the time of construction or modification and any subsequent requirements applicable to existing sources or facilities.

Item E: Emergency Defense - 6 NYCRR 201-1.5

An emergency constitutes an affirmative defense to an action brought for noncompliance with emissions limitations or permit conditions for all facilities in New York State.

(a) The affirmative defense of emergency shall be demonstrated through properly signed, contemporaneous operating logs, or other relevant evidence that:

- (1) An emergency occurred and that the facility owner and/or operator can identify the cause(s) of the emergency;
- (2) The equipment at the permitted facility causing the emergency was at the time being properly operated;
- (3) During the period of the emergency the facility owner and/or operator took all reasonable steps to minimize levels of emissions that exceeded the emission standards, or other requirements in the permit; and
- (4) The facility owner and/or operator notified the Department within two working days after the event occurred. This notice must contain a description of the emergency, any steps taken to mitigate emissions, and corrective actions taken.

(b) In any enforcement proceeding, the facility owner and/or operator seeking to establish the occurrence of an emergency has the burden of proof.



(c) This provision is in addition to any emergency or upset provision contained in any applicable requirement.

Item F: Recycling and Salvage - 6 NYCRR 201-1.7

Where practical, any person who owns or operates an air contamination source shall recycle or salvage air contaminants collected in an air cleaning device according to the requirements of 6 NYCRR.

Item G: Prohibition of Reintroduction of Collected Contaminants to the Air - 6 NYCRR 201-1.8

No person shall unnecessarily remove, handle, or cause to be handled, collected air contaminants from an air cleaning device for recycling, salvage or disposal in a manner that would reintroduce them to the outdoor atmosphere.

Item H: Proof of Eligibility for Sources Defined as Exempt Activities - 6 NYCRR 201-3.2 (a)

The owner and/or operator of an emission source or unit that is eligible to be exempt, may be required to certify that it operates within the specific criteria described in 6 NYCRR Subpart 201-3. The owner or operator of any such emission source must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility which contains emission sources or units subject to 6 NYCRR Subpart 201-3, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations, or law.

Item I: Proof of Eligibility for Sources Defined as Trivial Activities - 6 NYCRR 201-3.3 (a)

The owner and/or operator of an emission source or unit that is listed as being trivial in 6 NYCRR Part 201 may be required to certify that it operates within the specific criteria described in 6 NYCRR Subpart 201-3. The owner or operator of any such emission source must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility which contains emission sources or units subject to 6 NYCRR Subpart 201-3, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations, or law.

Item J: Required Emission Tests - 6 NYCRR 202-1.1



An acceptable report of measured emissions shall be submitted, as may be required by the Commissioner, to ascertain compliance or noncompliance with any air pollution code, rule, or regulation. Failure to submit a report acceptable to the Commissioner within the time stated shall be sufficient reason for the Commissioner to suspend or deny an operating permit. Notification and acceptable procedures are specified in 6 NYCRR Subpart 202-1.

Item K: Open Fires Prohibitions - 6 NYCRR 215.2

Except as allowed by section 215.3 of 6 NYCRR Part 215, no person shall burn, cause, suffer, allow or permit the burning of any materials in an open fire.

Item L: Permit Exclusion - ECL 19-0305

The issuance of this permit by the Department and the receipt thereof by the Applicant does not and shall not be construed as barring, diminishing, adjudicating or in any way affecting any legal, administrative or equitable rights or claims, actions, suits, causes of action or demands whatsoever that the Department may have against the Applicant for violations based on facts and circumstances alleged to have occurred or existed prior to the effective date of this permit, including, but not limited to, any enforcement action authorized pursuant to the provisions of applicable federal law, the Environmental Conservation Law of the State of New York (ECL) and Chapter III of the Official Compilation of the Codes, Rules and Regulations of the State of New York (NYCRR). The issuance of this permit also shall not in any way affect pending or future enforcement actions under the Clean Air Act brought by the United States or any person.

Item M: Federally Enforceable Requirements - 40 CFR 70.6 (b)

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

FEDERAL APPLICABLE REQUIREMENTS
The following conditions are federally enforceable.

Condition 3-1: Acceptable Ambient Air Quality



Effective between the dates of 02/14/2014 and 02/13/2019

Applicable Federal Requirement:6 NYCRR 200.6

Item 3-1.1:

Notwithstanding the provisions of 6 NYCRR Chapter III, Subchapter A, no person shall allow or permit any air contamination source to emit air contaminants in quantities which alone or in combination with emissions from other air contamination sources would contravene any applicable ambient air quality standard and/or cause air pollution. In such cases where contravention occurs or may occur, the Commissioner shall specify the degree and/or method of emission control required.

Condition 3-2: Maintenance of Equipment

Effective between the dates of 02/14/2014 and 02/13/2019

Applicable Federal Requirement:6 NYCRR 200.7

Item 3-2.1:

Any person who owns or operates an air contamination source which is equipped with an emission control device shall operate such device and keep it in a satisfactory state of maintenance and repair in accordance with ordinary and necessary practices, standards and procedures, inclusive of manufacturer's specifications, required to operate such device effectively.

Condition 3-3: Compliance Demonstration

Effective between the dates of 02/14/2014 and 02/13/2019

Applicable Federal Requirement:6 NYCRR 200.6

Item 3-3.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 3-3.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

1. 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.
2. The owner has demonstrated to the DEC, through acceptable air modeling procedures, that predicted maximum off-site impacts of NOx, benzene and formaldehyde were in compliance with the National Ambient Air Quality Standard for NOx and within acceptable risk criteria with respect



to formaldehyde and benzene, using the emission rates described in this permit and the application as submitted.

3. The owner or operator shall not make any changes to the facility that would result in a predicted increase in ambient concentrations of these pollutants. Such changes would include changes to the stack parameters and emission rates and building dimensions.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 3-4: Compliance Demonstration
Effective between the dates of 02/14/2014 and 02/13/2019

Applicable Federal Requirement:6 NYCRR 200.7

Item 3-4.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 3-4.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

1. Any person who owns or operates an air contamination source which is equipped with an emission control device shall operate such device and keep it in a satisfactory state of maintenance and repair in accordance with ordinary and necessary practices, standards and procedures, inclusive of manufacturer's specifications, required to operate such device effectively.
2. No later than 180 days after the effective date of this permit, the owner or operator shall submit to the DEC a plan for the operation and maintenance of the control equipment at the facility, including the engine catalyts and the flare. Such plan shall include procedures to monitor parameters that indicate proper operating conditions. For engine catalyts, that plan may include monitoring inlet and outlet temperatures, pressure drop and periodic inspection and testing for catalyts activity. For the flare, the plan may include monitoring the flame temperature.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 1: Facility Permissible Emissions



Effective between the dates of 06/01/2011 and 02/13/2019

Applicable Federal Requirement:6 NYCRR Subpart 201-7

Item 1.1:

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:

per year	CAS No: 0NY100-00-0 (From Mod 3)	PTE: 49,000 pounds
	Name: TOTAL HAP	
per year	CAS No: 0NY998-00-0 (From Mod 3)	PTE: 98,000 pounds
	Name: VOC	

Condition 3-5: Capping Monitoring Condition
Effective between the dates of 02/14/2014 and 02/13/2019

Applicable Federal Requirement:6 NYCRR Subpart 201-7

Item 3-5.1:

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

6 NYCRR Subpart 227-2

Item 3-5.2:

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

Item 3-5.3:

The owner or operator of the permitted facility must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility regulated by this Subpart, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations or law.

Item 3-5.4:

On an annual basis, unless otherwise specified below, beginning one year after the granting of an emissions cap, the responsible official shall provide a certification to the Department that the facility has operated all emission units within the limits imposed by the emission cap. This certification shall include a brief summary of the emissions subject to the cap for that time period and a comparison to the threshold levels that would require compliance with an applicable requirement.

Item 3-5.5:

The emission of pollutants that exceed the applicability thresholds for an applicable requirement,



for which the facility has obtained an emissions cap, constitutes a violation of Part 201 and of the Act.

Item 3-5.6:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

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

Item 3-5.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

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

Monitoring Description:

1. Total plant-wide NO_x emissions shall not exceed 95.0 tons in any 12 consecutive month period.

2. Plant-wide annual emissions shall be computed as the sum of emissions from each internal combustion engine, each dehydrator re-boiler, each flare and any other stationary combustion device that operates at the facility.

3. Unless emissions are monitored and recorded by a continuous emission monitoring (CEM) device, hourly emissions from each engine-compressor set shall be computed as the product of the actual emission rate, in grams per brake horsepower hour; the hours of operation; and either the average brake horsepower at which the engine operated for that hour or the maximum rated load.

Unless emissions are monitored and recorded by a continuous emission monitoring (CEM) device, hourly emission rate, in grams per horsepower-hour, from each engine-compressor set shall be based on the most recent accepted stack test.

4. For each engine equipped with NO_x CEMs, hourly NO_x emissions shall be determined using the procedures contained in EPA Method 19, and hourly NO_x emissions shall be computed as the product of the NO_x concentration, in pounds per million Btu, and the heat input, in million Btu/hr, for that hour.

5. Each engine shall be equipped with an hour meter.

6. The facility shall record when each engine-compressor set operates.



7. Emissions from the re-boilers, the flare, and all other combustion devices shall be computed based on actual operating hours and an emissions factor approved by the DEC.

8. Within 30 days of emitting 90 tons or more of NO_x per 12 month period, the owner or operator shall submit to the DEC a notification that emissions have equaled or exceeded 90 tons, and submit to the DEC a plan to install, operate and maintain devices on each engine to continuously monitor and record emissions of NO_x and a diluent gas.

9. Within 90 days of emitting 90 tons or more of NO_x per 12 month period, the owner or operator shall install, operate and maintain a device for continuously monitoring and recording emissions on NO_x from each compressor engine. Time sharing is allowed provided that data are collected from each engine at least once per 15 minute clock period.

10. All CEMs shall be installed and operated in accordance with the provisions of 40 CFR Part 60, Appendices B and F. Quality assurance procedures, including daily, quarterly, and annual procedures, shall follow the provisions of 40 CFR Part 60, Appendices B and F.

11. On a calendar quarter basis, the owner or operator shall submit to the DEC a report of NO_x emission for that quarter and the most recently-completed 12 calendar month period. If CEMs are used, the owner or operator shall also include a report of any excess emissions that occurred, the magnitude and duration of the excess emission, the cause of the excess emissions, the corrective action to abate such excess emissions, a report of CEM downtime and the results of all quality assurance tests.

12. On a calendar year basis, the owner or operator shall state whether he or she has complied with this condition, and report the total NO_x emitted during each 12 month rolling period.

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 95.0 tons per year

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: 12-MONTH TOTAL, ROLLED MONTHLY

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.



Item 5.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions of formaldehyde from each individual G3606 engine must not exceed 0.0076 g/hp-hr and 0.029 pounds per hour.

Compliance is based on the average of three runs. Initial testing must be conducted within 60 days after achieving the maximum production rate at which the affected facility will be operated, but not later than 180 days after initial startup of such facility, and at such other times as may be required by the EPA or the DEC.

If an engine is non-operational, testing shall be conducted immediately upon startup.

Testing shall be conducted in accordance with a protocol approved by the Department in accordance with 6 NYCRR 202-1. A test report shall be submitted no later than 60 days after completion of the tests.

After initial testing, subsequent testing must be conducted once every 8,760 hours or 3 years, whichever comes first.

Upper Permit Limit: 0.0076 grams per brake horsepower-hour

Reference Test Method: EPA Methods 1 - 4 and 320, or approved alternate

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 3-6: Capping Monitoring Condition
Effective between the dates of 02/14/2014 and 02/13/2019

Applicable Federal Requirement: 6 NYCRR Subpart 201-7

Replaces Condition(s) 2

Item 3-6.1:

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

6 NYCRR Subpart 201-6



Item 3-6.2:

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

Item 3-6.3:

The owner or operator of the permitted facility must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility regulated by this Subpart, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations or law.

Item 3-6.4:

On an annual basis, unless otherwise specified below, beginning one year after the granting of an emissions cap, the responsible official shall provide a certification to the Department that the facility has operated all emission units within the limits imposed by the emission cap. This certification shall include a brief summary of the emissions subject to the cap for that time period and a comparison to the threshold levels that would require compliance with an applicable requirement.

Item 3-6.5:

The emission of pollutants that exceed the applicability thresholds for an applicable requirement, for which the facility has obtained an emissions cap, constitutes a violation of Part 201 and of the Act.

Item 3-6.6:

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

Emission Unit: 1-COMPR	Emission Point: DC161
Emission Unit: 1-COMPR	Emission Point: DC162
Emission Unit: 1-COMPR	Emission Point: DC163
Regulated Contaminant(s):	
CAS No: 0NY998-00-0	VOC

Item 3-6.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions of non-methane, non-ethane VOCs from each 3616 engine must not exceed 0.20 g/hp-hr. Emissions of formaldehyde are included in this determination.

Compliance is based on the average of three one-hour runs.

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Testing shall be conducted in accordance with a protocol approved by the Department in accordance with 6 NYCRR 202-1. A test report shall be submitted no later than 60 days after completion of the tests.

After initial testing, subsequent testing must be conducted once every 8,760 operating hours or 3 years, whichever comes first.

Parameter Monitored: VOC

Upper Permit Limit: 0.20 grams per brake horsepower-hour

Reference Test Method: EPA Method 1-4 and 320 or equivalent

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 3-7: Capping Monitoring Condition
Effective between the dates of 02/14/2014 and 02/13/2019

Applicable Federal Requirement:6 NYCRR Subpart 201-7

Replaces Condition(s) 7

Item 3-7.1:

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

6 NYCRR Subpart 201-6

Item 3-7.2:

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

Item 3-7.3:

The owner or operator of the permitted facility must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility regulated by this Subpart, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations or law.

Item 3-7.4:

On an annual basis, unless otherwise specified below, beginning one year after the granting of an emissions cap, the responsible official shall provide a certification to the Department that the facility has operated all emission units within the limits imposed by the emission cap. This certification shall include a brief summary of the emissions subject to the cap for that time period and a comparison to the threshold levels that would require compliance with an applicable requirement.

Item 3-7.5:

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

6 NYCRR Subpart 201-6

Item 3-8.2:

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

Item 3-8.3:

The owner or operator of the permitted facility must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility regulated by this Subpart, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations or law.

Item 3-8.4:

On an annual basis, unless otherwise specified below, beginning one year after the granting of an emissions cap, the responsible official shall provide a certification to the Department that the facility has operated all emission units within the limits imposed by the emission cap. This certification shall include a brief summary of the emissions subject to the cap for that time period and a comparison to the threshold levels that would require compliance with an applicable requirement.

Item 3-8.5:

The emission of pollutants that exceed the applicability thresholds for an applicable requirement, for which the facility has obtained an emissions cap, constitutes a violation of Part 201 and of the Act.

Item 3-8.6:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

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

Item 3-8.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Upon commencement of operation of either C162D (Engine 5) or C163D (Engine 6), Engine C062 (Engine 2, 3606) shall cease operation permanently.

No later than 30 days after commencement of operation of either C162D or C163D, the owner or operator shall submit a notification to the DEC of such startup.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING



DESCRIPTION

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 3-9: Capping Monitoring Condition
Effective between the dates of 02/14/2014 and 02/13/2019

Applicable Federal Requirement:6 NYCRR Subpart 201-7

Item 3-9.1:

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

6 NYCRR Subpart 201-6

Item 3-9.2:

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

Item 3-9.3:

The owner or operator of the permitted facility must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility regulated by this Subpart, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations or law.

Item 3-9.4:

On an annual basis, unless otherwise specified below, beginning one year after the granting of an emissions cap, the responsible official shall provide a certification to the Department that the facility has operated all emission units within the limits imposed by the emission cap. This certification shall include a brief summary of the emissions subject to the cap for that time period and a comparison to the threshold levels that would require compliance with an applicable requirement.

Item 3-9.5:

The emission of pollutants that exceed the applicability thresholds for an applicable requirement, for which the facility has obtained an emissions cap, constitutes a violation of Part 201 and of the Act.

Item 3-9.6:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 0NY750-00-0 CARBON DIOXIDE EQUIVALENTS

Item 3-9.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

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



Monitoring Description:

1. Facility wide emissions of carbon dioxide equivalents shall not exceed 99,000 tons in any 12 consecutive month period.
2. Emissions of CO₂ and N₂O resulting from combustion, and CH₄ as unburned hydrocarbons, shall be computed as the product of emission factors published in 40 CFR Part 98, fuel use and fuel heating value, or from manufacturer's information as approved by the DEC.
3. Emissions of methane shall be computed for each vent or stack from which methane is released, including emergency releases and pipeline and equipment releases for maintenance, startup and shutdown.
4. Fugitive emissions of methane shall be computed using emission factors and procedures found in 40 CFR Part 98 or alternative procedures approved by the Department.
5. On an annual basis, the owner or operator shall submit to the DEC, in the annual certification, a report of CO₂ equivalent emissions for each 12 consecutive month period in the reporting period.
6. No later than 180 days after submission of the first annual report under this condition, the owner or operator shall submit to the DEC a third-party (independent) audit of its emission calculations.

Parameter Monitored: CARBON DIOXIDE EQUIVALENTS

Upper Permit Limit: 99,000 tons per year

Monitoring Frequency: MONTHLY

Averaging Method: 12-MONTH TOTAL, ROLLED MONTHLY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2015.

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

Condition 3-10: Capping Monitoring Condition
Effective between the dates of 02/14/2014 and 02/13/2019

Applicable Federal Requirement: 6 NYCRR Subpart 201-7

Replaces Condition(s) 8

Item 3-10.1:

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



6 NYCRR Subpart 201-6

Item 3-10.2:

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

Item 3-10.3:

The owner or operator of the permitted facility must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility regulated by this Subpart, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations or law.

Item 3-10.4:

On an annual basis, unless otherwise specified below, beginning one year after the granting of an emissions cap, the responsible official shall provide a certification to the Department that the facility has operated all emission units within the limits imposed by the emission cap. This certification shall include a brief summary of the emissions subject to the cap for that time period and a comparison to the threshold levels that would require compliance with an applicable requirement.

Item 3-10.5:

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 3-10.6:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 0NY100-00-0 TOTAL HAP

Item 3-10.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

1. Plant-wide actual emissions of any individual HAP, including benzene, shall not exceed 9.5 tons per 12 month rolling period. Emissions shall be computed as the sum of emissions from the engines, dehydration systems and exempt or trivial sources. Emissions from the engines shall be computed using emissions factors derived from the most recent stack emission test. Emissions from the dehydration systems shall be computed either using the emissions estimation of GRI-GLYCalc (see 40 CFR 63.772(b)) or from site-specific emissions testing.
2. On a calendar month basis, the applicant shall sample the incoming natural gas supply and analyze the sample for



trace constituents of HAPs, including benzene, ethylbenzene, toluene and xylene. Sampling shall be conducted in accordance with a DEC-approved protocol. If emissions for each individual HAP are less than 25% of the major source threshold for 12 months in a row, testing may be reduced to once a year, unless subsequent results show predicted HAPs in excess of 25% of the major source threshold, at which point sampling shall be quarterly.

3. Actual emissions of HAPs, including BTEX, from the dehydration systems shall be computed from the use of GRI-GLYCalc or site-specific stack testing. Emissions shall be computed using the most recent sampling and analysis data, looking forward.

4. Potential emissions of HAPs, including BTEX, from the dehydration systems shall be computed assuming all of the HAP contaminants in the natural gas stream are removed from the gas stream in the dehydrators and are emitted out the still vents.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: NATURAL GAS

Parameter Monitored: TOTAL HAP

Upper Permit Limit: 9.5 tons per year

Monitoring Frequency: MONTHLY

Averaging Method: 12-MONTH TOTAL, ROLLED MONTHLY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2015.

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

Condition 3-11: Capping Monitoring Condition

Effective between the dates of 02/14/2014 and 02/13/2019

Applicable Federal Requirement: 6 NYCRR Subpart 201-7

Replaces Condition(s) 6

Item 3-11.1:

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

6 NYCRR Subpart 201-6

Item 3-11.2:

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

Item 3-11.3:



The owner or operator of the permitted facility must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility regulated by this Subpart, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations or law.

Item 3-11.4:

On an annual basis, unless otherwise specified below, beginning one year after the granting of an emissions cap, the responsible official shall provide a certification to the Department that the facility has operated all emission units within the limits imposed by the emission cap. This certification shall include a brief summary of the emissions subject to the cap for that time period and a comparison to the threshold levels that would require compliance with an applicable requirement.

Item 3-11.5:

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 3-11.6:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 0NY100-00-0 TOTAL HAP

Item 3-11.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

1. Plant-wide actual emissions of all HAPs, combined, shall not exceed 24.5 tons per 12 month rolling period. Emissions shall be computed as the sum of emissions from the engines, dehydration systems and exempt or trivial sources. Emissions from the engines shall be computed using emissions factors derived from the most recent stack emission test. Emissions from the dehydration systems shall be computed either using the emissions estimation of GRI-GLYCalc (see 40 CFR 63.764) or from site-specific emissions testing.
2. On a calendar month basis, the applicant shall sample the incoming natural gas supply and analyze the sample for trace constituents of HAPs, including benzene, ethyl benzene, toluene and xylene. Sampling shall be conducted in accordance with a DEC-approved protocol. If projected HAP emissions are less than 25% of the major source threshold for 12 calendar months in a row, testing may be reduced to once a calendar quarter, unless subsequent results show predicted HAPs in excess of 25% of the major



source threshold, at which point sampling shall be monthly.

3. Actual emissions of HAPs, including BTEX, from the dehydration systems shall be computed from the use of GRI-GLYCalc or site-specific stack testing. Emissions shall be computed using the most recent sampling and analysis data, looking forward.

4. Potential emissions of HAPs, including BTEX, from the dehydration systems shall be computed assuming all of the HAP contaminants in the natural gas stream are removed from the gas stream in the dehydrators and are emitted out the still vents or flare.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: NATURAL GAS

Parameter Monitored: TOTAL HAP

Upper Permit Limit: 24.5 tons per year

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: 12-MONTH TOTAL, ROLLED MONTHLY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2015.

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

Condition 3-12: Capping Monitoring Condition

Effective between the dates of 02/14/2014 and 02/13/2019

Applicable Federal Requirement: 6 NYCRR Subpart 201-7

Replaces Condition(s) 4

Item 3-12.1:

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

6 NYCRR Subpart 201-6

Item 3-12.2:

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

Item 3-12.3:

The owner or operator of the permitted facility must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility regulated by this Subpart, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations or law.



Item 3-12.4:

On an annual basis, unless otherwise specified below, beginning one year after the granting of an emissions cap, the responsible official shall provide a certification to the Department that the facility has operated all emission units within the limits imposed by the emission cap. This certification shall include a brief summary of the emissions subject to the cap for that time period and a comparison to the threshold levels that would require compliance with an applicable requirement.

Item 3-12.5:

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 3-12.6:

The Compliance Demonstration activity will be performed for the facility:

The Compliance Demonstration applies to:

Emission Unit: 1-COMPR Emission Point: DC161

Emission Unit: 1-COMPR Emission Point: DC162

Emission Unit: 1-COMPR Emission Point: DC163

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

Item 3-12.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions of formaldehyde from each individual G3616 engine must not exceed 0.0056 g/hp-hr and 0.059 pounds per hour.

Compliance is based on the average of three runs. Initial testing must be conducted within 60 days after achieving the maximum production rate at which the affected facility will be operated, but not later than 180 days after initial startup of such facility, and at such other times as may be required by the EPA or the DEC.

If the engine is non-operational, testing shall be conducted immediately upon startup.

Testing shall be conducted in accordance with a protocol approved by the Department in accordance with 6 NYCRR 202-1. A test report shall be submitted no later than 60 days after completion of the tests.

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After initial testing, subsequent testing must be conducted once every 8,760 operating hours or 3 years, whichever comes first.

Parameter Monitored: FORMALDEHYDE

Upper Permit Limit: 0.0056 grams per brake horsepower-hour

Reference Test Method: EPA 1-4 and 320

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 3-13: Capping Monitoring Condition
Effective between the dates of 02/14/2014 and 02/13/2019

Applicable Federal Requirement:6 NYCRR Subpart 201-7

Replaces Condition(s) 3

Item 3-13.1:

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

6 NYCRR Subpart 201-6

6 NYCRR Subpart 231-5

Item 3-13.2:

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

Item 3-13.3:

The owner or operator of the permitted facility must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility regulated by this Subpart, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations or law.

Item 3-13.4:

On an annual basis, unless otherwise specified below, beginning one year after the granting of an emissions cap, the responsible official shall provide a certification to the Department that the facility has operated all emission units within the limits imposed by the emission cap. This certification shall include a brief summary of the emissions subject to the cap for that time period and a comparison to the threshold levels that would require compliance with an applicable requirement.

Item 3-13.5:

The emission of pollutants that exceed the applicability thresholds for an applicable requirement,

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for which the facility has obtained an emissions cap, constitutes a violation of Part 201 and of the Act.

Item 3-13.6:

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

Emission Unit: 1-COMPR Emission Point: DC061

Emission Unit: 1-COMPR Emission Point: DC062

Emission Unit: 1-COMPR Emission Point: DC063

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

Item 3-13.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions of non-methane, non-ethane VOCs from each 3606 engine must not exceed 0.28 g/hp-hr. Emissions of formaldehyde are included in this determination.

Compliance is based on the average of three one-hour runs.

Initial testing must be conducted within 60 days after achieving the maximum production rate at which the affected facility will be operated, but not later than 180 days after initial startup of such facility, and at such other times as may be required by the EPA or the DEC.

If the engine is non-operational, testing shall be conducted immediately upon startup.

Testing shall be conducted in accordance with a protocol approved by the Department in accordance with 6 NYCRR 202-1. A test report shall be submitted no later than 60 days after completion of the tests.

After initial testing, subsequent testing must be conducted once every 8,760 operating hours or 3 years, whichever comes first.

Parameter Monitored: VOC

Upper Permit Limit: 0.28 grams per brake horsepower-hour

Reference Test Method: EPA Method 1-4 and 320 or equivalent

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

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Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST
METHOD INDICATED

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 3-14: Compliance Demonstration

Effective between the dates of 02/14/2014 and 02/13/2019

Applicable Federal Requirement:6 NYCRR Part 211

Item 3-14.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 3-14.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Upon startup of the internal flare, the owner or operator must vent odorized gases during blow down of the compressors and off-gas from the dehydration systems (such as flash tank emissions) to a low pressure fuel gas line or to the flare. The owner shall keep a record of each time an engine or process line is purged and each time the purge is exhausted to the flare.

Upon notice from the DEC, the owner or operator shall vent off gas from the produced wastewater tank to the flare.

Pursuant to 6 NYCRR 201-1.4(b), in the event that emissions of air contaminants in excess of any emission standard occur due to a malfunction, at the discretion of the commissioner, such violation may be excused if such violations are unavoidable. To be eligible to be excused, the facility owner and/or operator shall report such malfunction by telephone or e-mail 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.

On an annual basis, the owner or operator shall submit to the DEC, in its annual report, a statement whether he or she has complied with this requirement.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING



DESCRIPTION

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2015.

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

Condition 9: Air pollution prohibited
Effective between the dates of 06/01/2011 and 02/13/2019

Applicable Federal Requirement:6 NYCRR 211.1

Item 9.1:

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

Condition 3-15: Compliance Demonstration
Effective between the dates of 02/14/2014 and 02/13/2019

Applicable Federal Requirement:6 NYCRR 212.4

Replaces Condition(s) 10

Item 3-15.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 3-15.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

This facility operates process equipment that emits contaminants that are subject to 6 NYCRR 212.

1. The owner or operator shall not allow the emission of any pollutant at a rate that results in a predicted ambient concentration in excess of the Annual Guideline Concentration or the Short term Guideline Concentration for each contaminant, as determined in accordance with Department policy (DAR-1) and a modeling protocol approved by the Department, unless an alternative guideline is approved by the Department.
2. For all emission sources that are equipped with a control device, such device must be operated and maintained in a satisfactory state of maintenance and repair.
3. The owner or operator must not make any changes to the



stack characteristics (such as height or exit velocity) that would result in a predicted increase in ambient concentration unless approved by the Department. Each emission source must be constructed and operated in accordance with this permit and the plans and specifications contained in the permit application.

If the vents on the produced wastewater tanks are vented to the flare, Items 4 through 7 are not applicable.

4. On a semi-annual basis, the owner or operator shall sample and analyze the fluid sent to the produced wastewater storage tanks for the presence of air toxic compounds, including volatile organic compounds. Sampling will not be required in any semi-annual period if no fluids have been produced and routed to the tanks during that period.

5. If, after four consecutive quarters, the results of sampling and analyses of the produced wastewater tanks result in emission estimates less than or equal to 1.0 ton per year, the sampling frequency shall become once per year, unless subsequent sampling results in emissions greater than 1.0 tpy, at which point sampling and analysis shall be conducted quarterly.

6. After one year of conducting sampling and analysis, a facility-wide ambient impact analysis must be completed using Department-approved ambient modeling procedures. The analysis must show that there are no predicted off-site ambient concentrations in excess of the AGC and SGC for each contaminant. The analysis shall include all emissions of such pollutant, facility-wide, so that cumulative impacts are modeled. Within 90 days of the effective date of this permit, the owner or operator must submit to the Department a modeling protocol for the ambient impact analysis. Within 90 days of the completion of the first year (four quarters) of sampling, the owner or operator shall submit to the Department a report describing the results of the ambient impact analysis.

7. Verification of emissions estimates shall be determined at the request of the Department by stack emission testing, mass balance or other methods approved by the Department.

8. On a calendar year basis, the owner or operator shall submit to the DEC a report stating:

i) whether any changes were made to the operation of these emission sources, or the air pollution control equipment,

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that could result in increases in predicted ambient concentrations;

ii) the results of all sampling and analyses conducted at the facility.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2015.

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

Condition 11: Compliance Demonstration
Effective between the dates of 06/01/2011 and 02/13/2019

Applicable Federal Requirement: 6 NYCRR 212.6 (a)

Item 11.1:

The Compliance Demonstration activity will be performed for the facility:

The Compliance Demonstration applies to:

Emission Unit: 1-DEHYD

Item 11.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

No person will cause or allow emissions having an average opacity during any six consecutive minutes of 20 percent or greater from any process emission source, except only the emission of uncombined water.

Compliance shall be determined using EPA Method 9, conducted at the request of the Department.

On an annual basis the owner or operator shall submit to the Department a report stating whether EPA Method 9 observations were conducted; if so, the results of those tests; and whether the owner or operator has complied with this condition.

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: 6 MINUTE AVERAGE

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

New York State Department of Environmental Conservation

Permit ID: 7-0350-00106/00001

Facility DEC ID: 7035000106



The initial report is due 1/30/2012.
Subsequent reports are due every 12 calendar month(s).

Condition 12: Compliance Demonstration
Effective between the dates of 06/01/2011 and 02/13/2019

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

Item 12.1:

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

Emission Unit: 1-COMPR

Item 12.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

No person will cause or allow emissions having an average opacity during any six consecutive minutes of 20 percent or greater from any process emission source, except only the emission of uncombined water.

Compliance shall be determined using EPA Method 9 and shall be conducted at the request of the Department.

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Averaging Method: 6 MINUTE AVERAGE

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2012.

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

Condition 3-16: Compliance Demonstration
Effective between the dates of 02/14/2014 and 02/13/2019

Applicable Federal Requirement:6 NYCRR 231-3.5 (b)

Item 3-16.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 3-16.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:



At such time that the Dunbar facility, as defined by the equipment authorized by this permit, becomes a major facility, or a modification becomes a NSR major modification, solely by virtue of a relaxation in any enforceable limitation on the capacity of the facility or modification otherwise to emit a regulated NSR contaminant, such as a restriction on hours of operation, then the requirements of Subparts 231-7 and 231-8 of this Part, as applicable, apply to the facility as though construction had not yet commenced on the facility.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 13: Compliance Demonstration
Effective between the dates of 06/01/2011 and 02/13/2019

Applicable Federal Requirement:40CFR 60.4245(a), NSPS Subpart JJJJ

Item 13.1:

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

Emission Unit: 1-COMPR

Item 13.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Owners or operators of stationary SI ICE must meet the following notification, reporting and recordkeeping requirements.

- (1) All notifications submitted to comply with this subpart and all documentation supporting any notification.
- (2) Maintenance conducted on the engine.
- (3) If the stationary SI internal combustion engine is a certified engine, documentation from the manufacturer that the engine is certified to meet the emission standards and information as required in 40 CFR parts 90, 1048, 1054, and 1060, as applicable
- (4) If the stationary SI internal combustion engine is not a certified engine or is a certified engine operating in a non-certified manner and subject to §60.4243(a)(2), documentation that the engine meets the emission standards.



Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 14: Compliance Demonstration
Effective between the dates of 06/01/2011 and 02/13/2019

Applicable Federal Requirement:40CFR 60.4245(c), NSPS Subpart JJJJ

Item 14.1:

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

Emission Unit: 1-COMPR

Item 14.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Owners and operators of stationary SI ICE greater than or equal to 500 HP that have not been certified by an engine manufacturer to meet the emission standards in §60.4231 must submit an initial notification as required in §60.7(a)(1). The notification must include the following:

- (1) Name and address of the owner or operator;
- (2) The address of the affected source;
- (3) Engine information including make, model, engine family, serial number, model year, maximum engine power, and engine displacement;
- (4) Emission control equipment; and
- (5) Fuel used.

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 15: Performance test requirements
Effective between the dates of 06/01/2011 and 02/13/2019

Applicable Federal Requirement:40CFR 60.4245(d), NSPS Subpart JJJJ

Item 15.1:

This Condition applies to:



Emission Unit: 1COMPR

Item 15.2:

Owners and operators of stationary SI ICE that are subject to performance testing must submit a copy of each performance test as conducted in §60.4244 within 60 days after the test has been completed

Condition 3-17: Compliance Demonstration

Effective between the dates of 02/14/2014 and 02/13/2019

Applicable Federal Requirement:40CFR 60.5385, NSPS Subpart OOOO

Item 3-17.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 3-17.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator must comply with the standards in paragraphs (a) through (d) for each reciprocating compressor affected facility.

(a) You must replace the reciprocating compressor rod packing according to either paragraph (a)(1) or (2) of this section.

(1) Before the compressor has operated for 26,000 hours. The number of hours of operation must be continuously monitored beginning upon initial startup of your reciprocating compressor affected facility, or October 15, 2012, or the date of the most recent reciprocating compressor rod packing replacement, whichever is later.

(2) Prior to 36 months from the date of the most recent rod packing replacement, or 36 months from the date of startup for a new reciprocating compressor for which the rod packing has not yet been replaced.

(b) You must demonstrate initial compliance with standards that apply to reciprocating compressor affected facilities as required by 40 CFR § 60.5410.

(c) You must demonstrate continuous compliance with standards that apply to reciprocating compressor affected facilities as required by 40 CFR § 60.5415.

(d) You must perform the required notification, recordkeeping, and reporting as required by 40 CFR § 60.5420.



On an annual basis, the owner or operator must submit to the DEC, in the annual certification, a report stating whether he or she has complied with this condition.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2015.

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

Condition 3-18: Compliance Demonstration
Effective between the dates of 02/14/2014 and 02/13/2019

Applicable Federal Requirement:40CFR 60.5410, NSPS Subpart OOOO

Item 3-18.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 3-18.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

This condition requires that the owner or operator comply with the provisions of 40 CFR 60.5410. Pertinent portions of that regulation appear below.

(c) To achieve initial compliance with the standards for each reciprocating compressor affected facility the owner or operator must comply with paragraphs (1) through (4).

(1) During the initial compliance period, the owner or operator must continuously monitor the number of hours of operation or track the number of months since the last rod packing replacement.

(2) the owner or operator must submit the notifications required in 40 CFR § 60.7(a)(1), (3), and (4).

(3) the owner or operator must submit the initial annual report for your reciprocating compressor as required in 40 CFR § 60.5420(b).

(4) the owner or operator must maintain the records as specified in 40 CFR § 60.5420(c)(3) for each reciprocating compressor affected facility.

(d) To achieve initial compliance with emission standards for each pneumatic controller affected facility the owner



or operator must comply with the requirements specified in paragraphs (d)(1) through (5) of this section.

(2) The manufacturer's design specifications indicate that the controller emits less than or equal to 6 standard cubic feet of gas per hour.

(3) the owner or operator must tag each new pneumatic controller affected facility according to the requirements of 40 CFR § 60.5390(c)(2).

(4) The owner or operator must include a listing of the pneumatic controller affected facilities specified in paragraphs (d)(2) and (3) of this section in the initial annual report submitted for your pneumatic controller affected facilities constructed, modified or reconstructed during the period covered by the annual report according to the requirements of 40 CFR § 60.5420(b).

(5) The owner or operator must maintain the records as specified in 40 CFR § 60.5420(c)(4) for each pneumatic controller affected facility.

On an annual basis, in the certification report, the owner or operator shall state whether he or she has complied with this condition

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2015.

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

Condition 3-19: Compliance Demonstration
Effective between the dates of 02/14/2014 and 02/13/2019

Applicable Federal Requirement:40CFR 60.5415, NSPS Subpart OOOO

Item 3-19.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 3-19.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

This condition requires that the owner or operator comply with the provisions of 40 CFR 60.5515. Pertinent portions of that regulation appear below.

(c) For each reciprocating compressor affected facility,



the owner or operator must demonstrate continuous compliance according to paragraphs (c)(1) through (3) of this section.

(1) The owner or operator must continuously monitor the number of hours of operation for each reciprocating compressor affected facility or track the number of months since initial startup, or October 15, 2012, or the date of the most recent reciprocating compressor rod packing replacement, whichever is later.

(2) The owner or operator must submit the annual report as required in 40 CFR § 60.5420(b) and maintain records as required in 40 CFR § 60.5420(c)(3).

(3) The owner or operator must replace the reciprocating compressor rod packing before the total number of hours of operation reaches 26,000 hours or the number of months since the most recent rod packing replacement reaches 36 months.

(d) For each pneumatic controller affected facility, The owner or operator must demonstrate continuous compliance according to paragraphs (d)(1) through (3) of this section.

(1) The owner or operator must continuously operate the pneumatic controllers as required in 40 CFR § 60.5390(a), (b), or (c).

(2) The owner or operator must submit the annual report as required in 40 CFR § 60.5420(b).

(3) The owner or operator must maintain records as required in 40 CFR § 60.5420(c)(4).

On an annual basis, in the certification report, the owner or operator shall state whether he or she has complied with this condition.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2015.

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

Condition 3-20: Compliance Demonstration
Effective between the dates of 02/14/2014 and 02/13/2019

Applicable Federal Requirement:40CFR 60.5420, NSPS Subpart OOOO



Item 3-20.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 3-20.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

This condition requires that the owner or operator comply with the provisions of 40 CFR 60.5420. Pertinent portions of that regulation appear below.

(a) Reporting requirements. You must submit annual reports containing the information specified in paragraphs (b)(1) through (6) of this section to the Administrator and performance test reports as specified in paragraph (b)(7) of this section. The initial annual report is due 90 days after the end of the initial compliance period as determined according to 40 CFR § 60.5410. Subsequent annual reports are due on the same date each year as the initial annual report. If you own or operate more than one affected facility, you may submit one report for multiple affected facilities provided the report contains all of the information required as specified in paragraphs (b)(1) through (6) of this section. Annual reports may coincide with title V reports as long as all the required elements of the annual report are included. You may arrange with the Administrator a common schedule on which reports required by this part may be submitted as long as the schedule does not extend the reporting period.

(1) The general information specified in paragraphs (b)(1)(i) through (iv) of this section.

(i) The company name and address of the affected facility.

(ii) An identification of each affected facility being included in the annual report.

(iii) Beginning and ending dates of the reporting period.

(iv) A certification by a responsible official of truth, accuracy, and completeness. This certification shall state that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.

(4) For each reciprocating compressor affected facility, the information specified in paragraphs (b)(4)(i) through (ii) of this section.



(i) The cumulative number of hours or operation or the number of months since initial startup, October 15, 2012, or since the previous reciprocating compressor rod packing replacement, whichever is later.

(ii) Records of deviations specified in paragraph (c)(3)(iii) of this section that occurred during the reporting period.

(5) For each pneumatic controller affected facility, the information specified in paragraphs (b)(5)(i) through (v) of this section.

(i) An identification of each pneumatic controller constructed, modified or reconstructed during the reporting period, including the identification information specified in 40 CFR § 60.5390(c)(2).

(ii) If applicable, documentation that the use of pneumatic controller affected facilities with a natural gas bleed rate greater than 6 standard cubic feet per hour are required and the reasons why.

(iii) Records of deviations specified in paragraph (c)(4)(v) of this section that occurred during the reporting period.

(7) (ii) All reports required by this 40CFR Part 60, Subpart OOOO must be sent to the Administrator at the appropriate address listed in 40 CFR § 63.13 of this part. The Administrator or the delegated authority may request a report in any form suitable for the specific case (e.g., by commonly used electronic media such as Excel spreadsheet, on CD or hard copy). The Administrator retains the right to require submittal of reports subject to paragraph (a)(2)(i) and (ii) of this section in paper format.

(b) Recordkeeping requirements. The owner or operator must maintain the records identified as specified in 40 CFR § 60.7(f) and in paragraphs (c)(3), (4), (5), (6) and (11) of this section. All records must be maintained for at least 5 years.

(3) For each reciprocating compressors affected facility, The owner or operator must maintain the records in paragraphs (c)(3)(i) through (iii) of this section.

(i) Records of the cumulative number of hours of operation or number of months since initial startup or October 15, 2012, or the previous replacement of the reciprocating



compressor rod packing, whichever is later.

(ii) Records of the date and time of each reciprocating compressor rod packing replacement.

(iii) Records of deviations in cases where the reciprocating compressor was not operated in compliance with the requirements specified in § 60.5385.

(4) For each pneumatic controller affected facility, The owner or operator must maintain the records identified in paragraphs (c)(4)(i) through (v) of this section.

(i) Records of the date, location and manufacturer specifications for each pneumatic controller constructed, modified or reconstructed.

(ii) Records of the demonstration that the use of pneumatic controller affected facilities with a natural gas bleed rate greater than 6 standard cubic feet per hour are required and the reasons why.

(iii) If the pneumatic controller is not located at a natural gas processing plant, records of the manufacturer's specifications indicating that the controller is designed such that natural gas bleed rate is less than or equal to 6 standard cubic feet per hour.

(iv) If the pneumatic controller is located at a natural gas processing plant, records of the documentation that the natural gas bleed rate is zero.

(v) Records of deviations in cases where the pneumatic controller was not operated in compliance with the requirements specified in 40 CFR § 60.5390.

(5) For each storage vessel affected facility, you must maintain the records identified in paragraphs (c)(5)(i) through (iv) of this section.

(i) If required to reduce emissions by complying with 40 CFR § 60.5395, the records specified in 40 CFR § 60.5416 of this subpart.

(ii) Records of the determination that the VOC emission rate is less than 6 tpy per storage vessel for the exemption under 40 CFR § 60.5395(a), including identification of the model or calculation methodology used to calculate the VOC emission rate.

(iii) Records of deviations in cases where the storage



vessel was not operated in compliance with the requirements specified in 40 CFR §§ 60.5395, 60.5411, 60.5412, and 60.5413.

(iv) For vessels that are skid-mounted or permanently attached to something that is mobile (such as trucks, railcars, barges or ships), records indicating the number of consecutive days that the vessel is located at a site in the oil and natural gas production segment, natural gas processing segment or natural gas transmission and storage segment. If a vessel is removed from a site and, within 30 days, is either returned to or replaced by another vessel at the site to serve the same or similar function, then the entire period since the original vessel was first located at the site, including the days when the storage vessel was removed, will be added to the count towards the number of consecutive days.

(6) For each storage vessel or centrifugal compressor subject to the closed vent system inspection requirements of 40 CFR § 60.5416(a)(1) and (2), records of each inspection.

(11) For each storage vessel or centrifugal compressor subject to the control device requirements of § 60.5412, records of minimum and maximum operating parameter values, continuous parameter monitoring system data, calculated averages of continuous parameter monitoring system data, results of all compliance calculations, and results of all inspections.

On an annual basis, in the certification report, the owner or operator shall state whether he or she has complied with this condition.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2015.

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

Condition 16: Compliance Demonstration
Effective between the dates of 06/01/2011 and 02/13/2019

Applicable Federal Requirement:40CFR 63.774, Subpart HH

Item 16.1:

The Compliance Demonstration activity will be performed for the facility:

The Compliance Demonstration applies to:

Emission Unit: 1-DEHYD

New York State Department of Environmental Conservation

Permit ID: 7-0350-00106/00001

Facility DEC ID: 7035000106



Item 16.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator must comply with the provisions of 40 CFR Part 63, General Provisions, as indicated in 40 CFR Part 63, Subpart HH, Table 2.

The owner or operator of a glycol dehydration unit that meets the exemption criteria in 40 CFR 63.764(e)(1)(i) or (ii) shall maintain the records in 40 CFR 63.774(d)(1)(i) or (ii), as applicable:

(i) the actual annual average natural gas throughput (in terms of natural gas flowrate to the glycol dehydration unit per day) as determined in accordance with 40 CFR 63.772(b)(1), or

(ii) the actual average benzene emissions (in terms of benzene emissions per year) as determined in accordance with 40 CFR 63.772(b)(2).

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2012.

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

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

**Condition 18: Capping Monitoring Condition
Effective between the dates of 06/01/2011 and 02/13/2019**

Applicable Federal Requirement:6 NYCRR Subpart 201-7

Item 18.1:

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

6 NYCRR Subpart 201-6

Item 18.2:

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



Item 18.3:

The owner or operator of the permitted facility must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility regulated by this Subpart, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations or law.

Item 18.4:

On an annual basis, unless otherwise specified below, beginning one year after the granting of an emissions cap, the responsible official shall provide a certification to the Department that the facility has operated all emission units within the limits imposed by the emission cap. This certification shall include a brief summary of the emissions subject to the cap for that time period and a comparison to the threshold levels that would require compliance with an applicable requirement.

Item 18.5:

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 18.6:

The Compliance Demonstration activity will be performed for:

Emission Unit: 1-COMPR

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

Item 18.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions of carbon monoxide from each individual engine must not exceed 0.06 g/hp-hr.

The owner must following the test procedures specified in 40 CFR Part 60, Subpart JJJJ, 60.4244.

Compliance is based on the average of three one-hour runs.

Initial testing must be conducted within 60 days after achieving the maximum production rate at which the affected facility will be operated, but not later than 180 days after initial startup of such facility, and at such other times as may be required by the EPA or the DEC.

If the engine is non-operational, testing shall be conducted immediately upon startup.

Testing shall be conducted in accordance with a protocol



approved by the Department in accordance with 6 NYCRR 202-1. A test report shall be submitted no later than 60 days after completion of the tests.

After initial testing, subsequent testing must be conducted: (i) on an annual basis, using portable monitors in accordance with ASTM D6522-0 or equivalent, or using EPA reference methods, and (ii) once every 8,760 hours or 3 years, whichever comes first, in accordance with EPA Method 10, Method 320, or equivalent.

Parameter Monitored: CARBON MONOXIDE

Upper Permit Limit: 0.06 grams per brake horsepower-hour

Reference Test Method: EPA Method 1-4 and 320 or equivalent

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 3-21: Capping Monitoring Condition
Effective between the dates of 02/14/2014 and 02/13/2019

Applicable Federal Requirement:6 NYCRR Subpart 201-7

Item 3-21.1:

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

6 NYCRR Subpart 201-6

Item 3-21.2:

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

Item 3-21.3:

The owner or operator of the permitted facility must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility regulated by this Subpart, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations or law.

Item 3-21.4:

On an annual basis, unless otherwise specified below, beginning one year after the granting of an emissions cap, the responsible official shall provide a certification to the Department that the facility has operated all emission units within the limits imposed by the emission cap. This certification shall include a brief summary of the emissions subject to the cap for that time period and a comparison to the threshold levels that would require compliance with an applicable requirement.



Item 3-21.5:

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 3-21.6:

The Compliance Demonstration activity will be performed for:

Emission Unit: 1-COMPR

Regulated Contaminant(s):

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

Item 3-21.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

This condition is applicable only if continuous emissions monitors are used to monitor emissions of NO_x as directed by the DEC or elsewhere in this permit.

1. Emissions of nitrogen oxides from each individual engine must not exceed 0.50 g/hp-hr.
2. Compliance is based on the average of three one-hour runs. Initial testing must be conducted within 60 days after achieving the maximum production rate at which the affected facility will be operated, but not later than 180 days after initial startup of such facility, and at such other times as may be required by the EPA or the DEC.
3. All CEMs shall be installed and operated in accordance with the provisions of 40 CFR Part 60, Appendices B and F. The owner or operator shall conduct daily, quarterly, and annual quality assurance procedures following the provisions of 40 CFR Part 60, Appendices B and F.
4. On a calendar quarter basis, the owner or operator shall submit to the DEC a report of NO_x emission for that quarter and the most recently-completed 12 calendar month period. If CEMs are used, the owner or operator shall also include a report of any excess emissions that occurred, the magnitude and duration of the excess emission, the cause of the excess emissions, the corrective action to abate such excess emissions, a report of CEM down time and the results of all quality assurance tests.

New York State Department of Environmental Conservation

Permit ID: 7-0350-00106/00001

Facility DEC ID: 7035000106



Manufacturer Name/Model Number: Continuous Emission Monitor
Parameter Monitored: OXIDES OF NITROGEN
Upper Permit Limit: 0.50 grams per brake horsepower-hour
Reference Test Method: EPA Method 7E, 320 or equivalent
Monitoring Frequency: CONTINUOUS
Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST
METHOD INDICATED
Reporting Requirements: QUARTERLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 4/30/2014.
Subsequent reports are due every 3 calendar month(s).

Condition 3-22: Capping Monitoring Condition
Effective between the dates of 02/14/2014 and 02/13/2019

Applicable Federal Requirement:6 NYCRR Subpart 201-7

Replaces Condition(s) 19

Item 3-22.1:

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

6 NYCRR Subpart 201-6
6 NYCRR Subpart 231-5

Item 3-22.2:

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

Item 3-22.3:

The owner or operator of the permitted facility must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility regulated by this Subpart, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations or law.

Item 3-22.4:

On an annual basis, unless otherwise specified below, beginning one year after the granting of an emissions cap, the responsible official shall provide a certification to the Department that the facility has operated all emission units within the limits imposed by the emission cap. This certification shall include a brief summary of the emissions subject to the cap for that time period and a comparison to the threshold levels that would require compliance with an applicable requirement.

Item 3-22.5:

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.

New York State Department of Environmental Conservation

Permit ID: 7-0350-00106/00001

Facility DEC ID: 7035000106



Item 3-22.6:

The Compliance Demonstration activity will be performed for:

Emission Unit: 1-COMPR

Regulated Contaminant(s):

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

Item 3-22.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

This condition is applicable only if continuous emission monitors are not used.

1. Emissions of nitrogen oxides from each individual engine must not exceed 0.50 g/hp-hr.
2. Compliance is based on the average of three runs.
3. Initial testing must be conducted within 60 days after achieving the maximum production rate at which the affected facility will be operated, but not later than 180 days after initial startup of such facility.
4. On a monthly basis, except as provided in Item 6, below, the owner or operator shall test emissions of NO_x from each engine using either EPA Method 320, the most current version of ASTM D6522 (portable NO_x analyzer), the most current version of ASTM D6348 (FTIR), or EPA Method 7E. Testing shall be conducted "hands-off," that is, no adjustments shall be made to the engines prior to conducting the tests.
5. Testing shall be conducted in accordance with a protocol approved by the Department in accordance with 6 NYCRR 202-1. A test report shall be submitted no later than 30 days after completion of the tests.
6. If, for 6 consecutive months, emissions from any given engine are less than 0.45 grams/hp-hr, then testing on that engine may be reduced to semi-annual. In the event that emissions from the engine exceed 0.45 grams/hp-hr in any subsequent test, monthly testing shall resume as described in Item 4 above.

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 0.50 grams per brake horsepower-hour

Reference Test Method: EPA 1-4 and 320 or equivalent

New York State Department of Environmental Conservation

Permit ID: 7-0350-00106/00001

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Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 20: Compliance Demonstration
Effective between the dates of 06/01/2011 and 02/13/2019

Applicable Federal Requirement:40CFR 60.4233(e), NSPS Subpart JJJJ

Item 20.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 1-COMPR

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

Item 20.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions of carbon monoxide from each individual engine must not exceed 2.0 g/hp-hr or 270 ppmvd at 15% O₂. A more stringent limit appears elsewhere in this permit.

The owner must following the test procedures specified in 40 CFR Part 60, Subpart JJJJ, 60.4244.

Compliance is based on the average of three one-hour runs.

Initial testing must be conducted within 60 days after achieving the maximum production rate at which the affected facility will be operated, but not later than 180 days after initial startup of such facility, and at such other times as may be required by the EPA or the DEC.

If the engine is non-operational, testing shall be conducted immediately upon startup.

Testing shall be conducted in accordance with a protocol approved by the Department in accordance with 6 NYCRR 202-1. A test report shall be submitted no later than 60 days after completion of the tests.

After initial testing, subsequent testing must be conducted once every 8,760 hours or 3 years, whichever comes first.



Parameter Monitored: CARBON MONOXIDE
Upper Permit Limit: 2.0 grams per brake horsepower-hour
Reference Test Method: EPA Method 1-4 and 320 or equivalent
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED
Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 21: Compliance Demonstration
Effective between the dates of 06/01/2011 and 02/13/2019

Applicable Federal Requirement: 40CFR 60.4233(e), NSPS Subpart JJJJ

Item 21.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 1-COMPR

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

Item 21.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions of volatile organic compounds from each individual engine must not exceed 0.70 g/hp-hr or 60 ppmvd at 15% O₂. Emissions of formaldehyde are excluded from this limit.

The owner must following the test procedures specified in 40 CFR Part 60, Subpart JJJJ, 60.4244.

Compliance is based on the average of three one-hour runs. Test runs must be conducted within 10 percent of 100 percent peak load. Initial testing must be conducted within 60 days after achieving the maximum production rate at which the affected facility will be operated, but not later than 180 days after initial startup of such facility, and at such other times as may be required by the EPA or the DEC.

If the engine is non-operational, testing shall be conducted immediately upon startup.

Testing shall be conducted in accordance with a protocol approved by the Department in accordance with 6 NYCRR 202-1. A test report shall be submitted no later than 60 days after completion of the tests.

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After initial testing, subsequent testing must be conducted once every 8,760 hours or 3 years, whichever comes first.

Parameter Monitored: VOC

Upper Permit Limit: 0.70 grams per brake horsepower-hour

Reference Test Method: EPA Method 1-4 and 320 or equivalent

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING

DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST

METHOD INDICATED

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 22: Compliance Demonstration
Effective between the dates of 06/01/2011 and 02/13/2019

Applicable Federal Requirement:40CFR 60.4233(e), NSPS Subpart JJJJ

Item 22.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 1-COMPR

Regulated Contaminant(s):

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

Item 22.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions of nitrogen oxides from each individual engine must not exceed 1.0 g/hp-hr or 82 ppmvd at 15% O₂. A more stringent limit appears elsewhere in this permit.

The owner must following the test procedures specified in 40 CFR Part 60, Subpart JJJJ, 60.4244.

Compliance is based on the average of three one-hour runs.

Test runs must be conducted within 10 percent of 100 percent peak load. Initial testing must be conducted within 60 days after achieving the maximum production rate at which the affected facility will be operated, but not later than 180 days after initial startup of such facility, and at such other times as may be required by the EPA or the DEC.

If the engine is non-operational, testing shall be conducted immediately upon startup.

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Testing shall be conducted in accordance with a protocol approved by the Department in accordance with 6 NYCRR 202-1. A test report shall be submitted no later than 60 days after completion of the tests.

After initial testing, subsequent testing must be conducted once every 8,760 hours or 3 years, whichever comes first.

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 1.0 grams per brake horsepower-hour

Reference Test Method: EPA Method 1-4 and 320 or equivalent.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 3-23: Compliance Demonstration
Effective between the dates of 02/14/2014 and 02/13/2019

Applicable Federal Requirement: 6 NYCRR 212.4 (a)

Replaces Condition(s) 23

Item 3-23.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 1-DEHYD

Regulated Contaminant(s):

CAS No: 000071-43-2 BENZENE

Item 3-23.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

1. Not later than 180 days after the effective date of this permit, emissions of benzene from all of the dehydration unit process vents (the re-boiler TEG still vent and the gas-condensate-glycol (GCG) separator, referred to as the flash tank or the gas pump separator), shall be vented to the flare and combined emissions shall not exceed 460 pounds per 12 month rolling period.
2. Emissions of benzene from all of the dehydration unit process vents, combined, shall not exceed 460 pounds per 12 month rolling period.



3. On a calendar month basis, the applicant shall sample the incoming natural gas supply and analyze the sample for benzene. If sampling and analysis show that projected benzene emissions are less than 230 pounds per 12 month rolling period for 12 calendar months in a row, testing may be reduced to once each calendar quarter, unless subsequent results show predicted benzene emissions in excess of 230 pounds per 12 month rolling period, at which point sampling shall be monthly.
4. Actual emissions of benzene from the dehydrators shall be computed from the use of GRI-GLY Calc. Emissions shall be computed using the most recent sampling and analysis data, looking forward.
5. On an annual basis, the owner or operator shall submit to the DEC a report of actual benzene emissions, and the results of any sampling and analysis. In the event that benzene emissions are predicted to exceed 460 pounds per year, the owner or operator must submit such notification to the DEC no later than 30 days after such determination is made.

Parameter Monitored: BENZENE
Upper Permit Limit: 460 pounds per year
Monitoring Frequency: QUARTERLY
Averaging Method: 12-MONTH TOTAL, ROLLED MONTHLY
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2015.
Subsequent reports are due every 12 calendar month(s).

Condition 3-24: Compliance Demonstration
Effective between the dates of 02/14/2014 and 02/13/2019

Applicable Federal Requirement: 40CFR 63.764, Subpart HH

Replaces Condition(s) 24

Item 3-24.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 1-DEHYD

Regulated Contaminant(s):
CAS No: 000071-43-2 BENZENE

Item 3-24.2:

Compliance Demonstration shall include the following monitoring:

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



Monitoring Description:

This condition is applicable to processes DHY and FSH (emissions from the dehydrator and flash tank).

40 CFR 63.764(e)(1)(ii) provides that, if the actual annual average emissions of benzene from the glycol dehydration unit process vent to the atmosphere are less than 0.90 megagrams per year, as determined by the procedures specified in 40 CFR 63.772(b)(2), then the owner or operator is exempt from 40 CFR 63.764(d).

Upon completion of the modifications authorized by this permit, the dehydration unit emissions will no longer be emitted directly to the atmosphere, but will exhaust to a flare.

1. The actual average emissions of benzene from each glycol dehydration unit process vent must be less than 0.90 megagram per year as determined by the procedures specified in 40 CFR 63.772(b)(2)(i) or (ii).

40 CFR 63.772(b)(2)(i) states: the owner or operator shall determine actual average benzene emissions using the model GRI-GLYCalc, version 3.0 or higher, and the procedures presented in the associated GRI-GLYCalc Technical Reference Manual. Inputs to the model shall be representative of actual operating conditions of the glycol dehydration unit and may be determined using the procedures documented in the Gas Research Institute (GRI) report entitled, "Atmospheric Rich/Lean Method for Determining Glycol Dehydrator Emissions," GRI-95/0368.1;

or

40 CFR 63.772(b)(2)(ii) states: the owner or operator shall determine an average mass rate of benzene emissions in kilograms per hour through direct measurement using the methods in 40 CFR 63.771(a)(1)(i) or (ii), or an alternative method according to 40 CFR 63.7(f). Annual emissions in kilograms per year shall be determined by multiplying the mass rate by the number of hours the unit is operated per year. The result shall be converted to megagrams per year.

2. Alternatively, the owner or operator may comply with 40 CFR 63.765(b)(1)(iii) or 40 CFR 63.765(c)(3)(iv).

Parameter Monitored: BENZENE

Upper Permit Limit: 0.90 Megagrams (10**6 grams) per year

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Reference Test Method: GRI GLYCalc or 40 CFR 772(a)(1)(i) or (ii)
Monitoring Frequency: ANNUALLY
Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2015.
Subsequent reports are due every 12 calendar month(s).

Condition 3-25: Compliance Demonstration
Effective between the dates of 02/14/2014 and 02/13/2019

Applicable Federal Requirement: 6 NYCRR 200.6

Item 3-25.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 1-DEHYD	Emission Point: FLARE
Process: CNL	Emission Source: FLARE

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

Item 3-25.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions of NO_x shall not exceed 14.5 pounds per hour on a one-hour average under any operating scenario, including when purging for maintenance, and/or combusting flash tank emissions and/or dehydrator system emissions.

Compliance shall be determined using EPA Method 7E or its equivalent.

Testing shall be conducted in accordance with a protocol approved by the DEC and 6 NYCRR 202-1.

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 14.5 pounds per hour

Reference Test Method: EPA Method 7E

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE



STATE ONLY ENFORCEABLE CONDITIONS
****** Facility Level ******

NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS
This section contains terms and conditions which are not federally enforceable. Permittees may also have other obligations under regulations of general applicability

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

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

Item B: General Provisions for State Enforceable Permit Terms and Condition - 6 NYCRR Part 201-5

Any person who owns and/or operates stationary sources shall operate and maintain all emission units and any required emission control devices in compliance with all applicable Parts of this Chapter and existing laws, and shall operate the facility in accordance with all criteria, emission limits, terms, conditions, and standards in this permit. Failure of such person to properly operate and maintain the effectiveness of such emission units and emission control devices may be sufficient reason for the Department to revoke or deny a permit.

The owner or operator of the permitted facility must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility regulated by this Subpart, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations or law.

STATE ONLY APPLICABLE REQUIREMENTS

The following conditions are state only enforceable.



Condition 25: Contaminant List

Effective between the dates of 06/01/2011 and 02/13/2019

Applicable State Requirement:ECL 19-0301

Item 25.1:

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

CAS No: 000050-00-0

Name: FORMALDEHYDE

CAS No: 000071-43-2

Name: BENZENE

CAS No: 000630-08-0

Name: CARBON MONOXIDE

CAS No: 0NY100-00-0

Name: TOTAL HAP

CAS No: 0NY210-00-0

Name: OXIDES OF NITROGEN

CAS No: 0NY750-00-0

Name: CARBON DIOXIDE EQUIVALENTS

CAS No: 0NY998-00-0

Name: VOC

Condition 3-26: Malfunctions and start-up/shutdown activities

Effective between the dates of 02/14/2014 and 02/13/2019

Applicable State Requirement:6 NYCRR 201-1.4

Item 3-26.1:

(a) The facility owner or operator shall take all necessary and appropriate actions to prevent the emission of air pollutants that result in contravention of any applicable emission standard during periods of start-up, shutdown, or malfunction.

(b) The facility owner or operator shall compile and maintain records of all equipment malfunctions, maintenance, or start-up/shutdown activities when they can be expected to result in an exceedance of any applicable emission standard, and shall submit a report of such activities to the department when requested to do so, or when so required by a condition of a permit issued for the corresponding air contamination source. Such reports shall state whether any violations occurred and, if so, whether they were unavoidable, include the time, frequency and duration of the maintenance and/or start-up/shutdown activities, and an estimate of the emission rates of any air contaminants released. Such records shall be maintained for a period of at least five years and made available for review to department representatives upon request. Facility owners or



operators subject to continuous stack monitoring and quarterly reporting requirements need not submit additional reports for equipment maintenance or start-up/shutdown activities for the facility to the department.

(c) In the event that emissions of air contaminants in excess of any emission standard in this Subchapter occur due to a malfunction, the facility owner or operator shall compile and maintain records of the malfunction and notify the department as soon as possible during normal working hours, but not later than two working days after becoming aware that the malfunction occurred. When requested by the department, the facility owner or operator shall submit a written report to the department describing the malfunction, the corrective action taken, identification of air contaminants, and an estimate of the emission rates.

(d) The department may also require the owner or operator to include, in reports described under Subdivisions (b) and (c) of this Section, an estimate of the maximum ground level concentration of each air contaminant emitted and the effect of such emissions.

(e) A violation of any applicable emission standard resulting from start-up, shutdown, or malfunction conditions at a permitted or registered facility may not be subject to an enforcement action by the department and/or penalty if the department determines, in its sole discretion, that such a violation was unavoidable. The actions and recordkeeping and reporting requirements listed above must be adhered to in such circumstances.

**Condition 26: Unavoidable noncompliance and violations
Effective between the dates of 06/01/2011 and 02/13/2019**

Applicable State Requirement: 6 NYCRR 201-1.4

Item 26.1:

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

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

(b) In the event that emissions of air contaminants in excess of any emission standard in 6 NYCRR Chapter III Subchapter A occur due to a malfunction, the facility owner and/or operator shall report such malfunction by telephone to the commissioner's representative as soon as possible during normal working hours, but in any event not later than two working days after becoming aware that the malfunction occurred. Within 30 days thereafter, when requested in



writing by the commissioner's representative, the facility owner and/or operator shall submit a written report to the commissioner's representative describing the malfunction, the corrective action taken, identification of air contaminants, and an estimate of the emission rates. These reporting requirements are superceded by conditions elsewhere in this permit which contain reporting and notification provisions for applicable requirements more stringent than those above.

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

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

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

Condition 3-27: Requirement to Commence Construction
Effective between the dates of 02/14/2014 and 02/13/2019

Applicable State Requirement:6 NYCRR 201-1.15

Item 3-27.1:

The Department may suspend, modify or revoke the permit, pursuant to 6 NYCRR Part 621, if construction has not commenced within 18 months of the date of permit issuance, or construction has been discontinued for a period of more than 18 months at any point after the date of permit issuance.

The Department may grant the facility owner or operator an extension of up to 18 months upon a showing of good cause submitted in writing.

Condition 27: Emission Unit Definition
Effective between the dates of 06/01/2011 and 02/13/2019

Applicable State Requirement:6 NYCRR Subpart 201-5

Item 27.1(From Mod 3):

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

Emission Unit: 1-COMPR

Emission Unit Description:

Compressor engines comprised of three Caterpillar G3606s and three Caterpillar G3616. The installation of these devices, the associated controls and the stacks must be in accordance with the application, the modeling and this



permit. Upon installation of the second of C162D (Engine 5) or C163D (Engine 6, whichever comes first), Engine 2 (Engine C062D) shall permanently cease operation at this facility.

Building(s): CMP BLDG

Item 27.2(From Mod 3):

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

Emission Unit: 1-CONDT

Emission Unit Description:

Two produced water tanks. Nominal 12,600 gallon capacity.

Building(s): Out

Item 27.3(From Mod 3):

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

Emission Unit: 1-DEHYD

Emission Unit Description:

Three emission unit consists of three (3) 50 million standard cubic feet triethylene glycol (TEG) dehydrators with electric glycol pumps. The reboiler rating on Dehydrator # 1 is 0.35 MMBtu/hr and Dehydrators #2 and # 3 have reboilers rated at 0.50 MMBtu/hr. Each reboiler is fueled with flash gas from the flash tank. When the reboiler is not firing fuel, the flash tank gas will be sent to the flare. Stripping gas is not used in the dehydrators.

The still vents from all three dehydrators are exhausted to the on-site flare.

This emission unit also consists of emissions associated with maintenance activities and blow downs from startup/shutdown events. Emissions from blowdowns and maintenance activities are routed to the enclosed flare.

Building(s): Out

Item 27.4(From Mod 0):

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

Emission Unit: 1-FLARE

Emission Unit Description:

The flare is used to control emissions of odorant and methane during periods of blow down from the compressors.

Building(s): Out

**Condition 3-28: Renewal deadlines for state facility permits
Effective between the dates of 02/14/2014 and 02/13/2019**

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



Applicable State Requirement:6 NYCRR Subpart 201-5

Item 29.1(From Mod 3):

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

Emission Unit: 1-COMPR

Emission Point: DC061
Height (ft.): 25 Diameter (in.): 18
NYTMN (km.): 4662.62 NYTME (km.): 440.755 Building: CMP BLDG

Emission Point: DC062
Height (ft.): 25 Diameter (in.): 18
NYTMN (km.): 4662.619 NYTME (km.): 440.761 Building: CMP BLDG

Emission Point: DC063
Height (ft.): 25 Diameter (in.): 18
NYTMN (km.): 4662.619 NYTME (km.): 440.766 Building: CMP BLDG

Emission Point: DC161
Height (ft.): 25 Diameter (in.): 30
NYTMN (km.): 4662.619 NYTME (km.): 440.772 Building: CMP BLDG

Emission Point: DC162
Height (ft.): 34 Diameter (in.): 32
NYTMN (km.): 4662.618 NYTME (km.): 440.778 Building: CMP BLDG

Emission Point: DC163
Height (ft.): 34 Diameter (in.): 32
NYTMN (km.): 4662.618 NYTME (km.): 440.778 Building: CMP BLDG

Item 29.2(From Mod 3):

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

Emission Unit: 1-DEHYD

Emission Point: FLARE
Height (ft.): 40 Diameter (in.): 144
NYTMN (km.): 4662.618 NYTME (km.): 440.778 Building: Out

Item 29.3(From Mod 0):

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

Emission Unit: 1-CONDT

Emission Point: COND1
Height (ft.): 16 Diameter (in.): 4
NYTMN (km.): 4662.626 NYTME (km.): 440.757 Building: Out

Item 29.4(From Mod 0):

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

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Emission Unit: 1-DEHYD

Emission Point: DDSV1

Height (ft.): 17 Diameter (in.): 12
NYTMN (km.): 4662.626 NYTME (km.): 440.764 Building: Out

Emission Point: DDSV2

Height (ft.): 17 Diameter (in.): 12
NYTMN (km.): 4662.627 NYTME (km.): 440.77 Building: Out

Emission Point: DDSV3

Height (ft.): 17 Diameter (in.): 12
NYTMN (km.): 4662.624 NYTME (km.): 440.775 Building: Out

Condition 30: Process Definition By Emission Unit
Effective between the dates of 06/01/2011 and 02/13/2019

Applicable State Requirement:6 NYCRR Subpart 201-5

Item 30.1(From Mod 3):

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

Emission Unit: 1-COMPR

Process: CMP Source Classification Code: 2-02-002-54
Process Description: Compression of pipeline natural gas.

Emission Source/Control: C162D - Combustion
Design Capacity: 4,735 horsepower (mechanical)

Emission Source/Control: C163D - Combustion
Design Capacity: 4,735 horsepower (mechanical)

Emission Source/Control: DX162 - Control
Control Type: OXIDATION CATALYST

Emission Source/Control: DX163 - Control
Control Type: OXIDATION CATALYST

Item 30.2(From Mod 3):

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

Emission Unit: 1-CONDT

Process: CND Source Classification Code: 3-10-002-29
Process Description:

Receive process wastewater from delivered pipeline gas.

Emission Source/Control: CTANK - Process
Design Capacity: 12,600 gallons

Emission Source/Control: TANK2 - Process
Design Capacity: 12,600 gallons

