PERMIT
Under the Environmental Conservation Law (ECL)

IDENTIFICATION INFORMATION

Permit Type: Air State Facility
Permit ID: 5-1552-00005/00133
Effective Date: 12/30/2014 Expiration Date: 12/29/2024

Permit Issued To:NYCO MINERALS INC
803 MOUNTAIN VIEW DR
PO BOX 368
WILLSBORO, NY 12996-0368

Contact: GARY ZIEMER
803 MOUNTAIN VIEW DR
PO BOX 368
WILLSBORO, NY 12996
(518) 963-2105

Facility: NYCO WOLLASTOCOAT PRODUCT PLANT
803 MOUNTAIN VIEW DR
WILLSBORO, NY 12996

Description:
NYCO Minerals produces a range of products derived from wollastonite (calcium metasilicate) ore. The ore is open pit mined and transported to the Willsboro plant for processing. The facility consists of two processing plants and supporting operations. The facility operates several crushing, screening, seperating, mixing and drying operations.

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: ERIN L BURNS
NYSDEC - REGION 5
PO BOX 296
RAY BROOK, NY 12977-0296

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

Item 4.1:
The Department reserves the right to exercise all available authority to modify, suspend, or revoke this permit in accordance with 6NYCRR Part 621. The grounds for modification, suspension or revocation include:

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

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

Condition 5: Submission of application for permit modification or renewal-REGION 5 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 5 Headquarters
Division of Environmental Permits
Route 86, PO Box 296
Ray Brook, NY 12977-0296
(518) 897-1234

Permit Under the Environmental Conservation Law (ECL)

ARTICLE 19: AIR POLLUTION CONTROL - AIR STATE FACILITY PERMIT

IDENTIFICATION INFORMATION

Permit Issued To:NYCO MINERALS INC
803 MOUNTAIN VIEW DR
PO BOX 368
WILLSBORO, NY 12996-0368

Facility: NYCO WOLLASTOCOAT PRODUCT PLANT
803 MOUNTAIN VIEW DR
WILLSBORO, NY 12996

Authorized Activity By Standard Industrial Classification Code:
1429 - CRUSHED AND BROKEN STONE NEC

Permit Effective Date: 12/30/2014 Permit Expiration Date: 12/29/2024

LIST OF CONDITIONS

FEDERALLY ENFORCEABLE CONDITIONS
Facility Level

1 6 NYCRR 201-7.1: Facility Permissible Emissions
*2 6 NYCRR 201-7.1: Capping Monitoring Condition
*3 6 NYCRR 201-7.1: Capping Monitoring Condition
4 6 NYCRR 211.1: Air pollution prohibited
5 6 NYCRR 212.4 (c): Compliance Demonstration
6 6 NYCRR 212.4 (c): Compliance Demonstration
7 6 NYCRR 212.6 (a): Compliance Demonstration

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8 ECL 19-0301: Contaminant List
9 6 NYCRR 201-1.4: Malfunctions and start-up/shutdown activities
10 6 NYCRR Subpart 201-5: Emission Unit Definition
11 6 NYCRR 201-5.2 (c): Renewal deadlines for state facility permits
12 6 NYCRR 201-5.3 (c): Compliance Demonstration
13 6 NYCRR 211.2: Visible Emissions Limited

Emission Unit Level

14 6 NYCRR Subpart 201-5: Emission Point Definition By Emission Unit
15 6 NYCRR Subpart 201-5: Process Definition By Emission Unit

NOTE: * preceding the condition number indicates capping.

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

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

Item A: **Sealing - 6 NYCRR 200.5**

The Commissioner may seal an air contamination source to prevent its operation if compliance with 6 NYCRR Chapter III is not met within the time provided by an order of the Commissioner issued in the case of the violation. Sealing means labeling or tagging a source to notify any person that operation of the source is prohibited, and also includes physical means of preventing the operation of an air contamination source without resulting in destruction of any equipment associated with such source, and includes, but is not limited to, bolting, chaining or wiring shut control panels, apertures or conduits associated with such source.

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

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

Item B: **Acceptable Ambient Air Quality - 6 NYCRR 200.6**

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

Item C: **Maintenance of Equipment - 6 NYCRR 200.7**

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

required to operate such device effectively.

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

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

(a) The owner and/or operator must apply for a permit for such emission source or register the facility in accordance with the provisions of Part 201.

(b) The emission source or facility is subject to all regulations that were applicable to it at the time of construction or modification and any subsequent requirements applicable to existing sources or facilities.

Item E: Emergency Defense - 6 NYCRR 201-1.5

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

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

(1) An emergency occurred and that the facility owner and/or operator can identify the cause(s) of the emergency;

(2) The equipment at the permitted facility causing the emergency was at the time being properly operated;

(3) During the period of the emergency the facility owner and/or operator took all reasonable steps to minimize levels of emissions that exceeded the emission standards, or other requirements in the permit; and

(4) The facility owner and/or operator notified the Department within two working days after the event occurred. This notice must contain a description of the emergency, any steps taken to mitigate emissions, and corrective actions taken.

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

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

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

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

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

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

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

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

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

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

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

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

Item K: **Open Fires Prohibitions - 6 NYCRR 215.2**
Except as allowed by section 215.3 of 6 NYCRR Part 215, no person shall burn, cause, suffer, allow or permit the burning of any materials in an open fire.

Item L: **Permit Exclusion - ECL 19-0305**
The issuance of this permit by the Department and the receipt thereof by the Applicant does not and shall not be construed as barring, diminishing, adjudicating or in any way affecting any legal, administrative or equitable rights or claims, actions, suits, causes of action or demands whatsoever that the Department may have against the Applicant for violations based on facts and circumstances alleged to have occurred or existed prior to the effective date of this permit, including, but not limited to, any enforcement action authorized pursuant to the provisions of applicable federal law, the Environmental Conservation Law of the State of New York (ECL) and Chapter III of the Official Compilation of the Codes, Rules and Regulations of the State of New York (NYCRR). The issuance of this permit also shall not in any way affect pending or future enforcement actions under the Clean Air Act brought by the United States or any person.

Item M: **Federally Enforceable Requirements - 40 CFR 70.6 (b)**
All terms and conditions in this permit required by the Act or any applicable requirement, including any provisions designed to limit a facility's potential to emit, are enforceable by the Administrator and citizens under the Act. The Department has, in this permit, specifically designated any terms and conditions that are not required under the Act or under any of its applicable requirements as being enforceable under only state regulations.

FEDERAL APPLICABLE REQUIREMENTS
The following conditions are federally enforceable.

Condition 1: **Facility Permissible Emissions**

Effective between the dates of 12/30/2014 and 12/29/2024

Applicable Federal Requirement:6 NYCRR 201-7.1

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:

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

Condition 2: Capping Monitoring Condition
Effective between the dates of 12/30/2014 and 12/29/2024

Applicable Federal Requirement:6 NYCRR 201-7.1

Item 2.1:
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 201-6.1 (a)

Item 2.2:
Operation of this facility shall take place in accordance with the approved criteria, emission limits, terms, conditions and standards in this permit.

Item 2.3:
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 2.4:
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 2.5:
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 2.6:
The Compliance Demonstration activity will be performed for the Facility.

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

Item 2.7:
Compliance Demonstration shall include the following monitoring:

Capping: Yes
Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
Facility-wide emissions of Hazardous Air Pollutants (HAPs) shall not exceed 24.5 tons per year (49,000 lbs / year) and emissions of any individual HAP shall not exceed 9.9 tons per year (19,800 lbs / year) as determined by summing monthly HAP emissions during any consecutive 12 month period. Records shall be maintained on-site which demonstrate compliance with the HAP cap. These records shall include mass emissions totaled over each month and the total mass emissions over each rolling 12 month period. Calculations of mass emissions are based on actual pounds of HAPs created in the mixing and pilot processes minus pounds of HAPs condensed out of the exhaust gas plus HAPs from combustion and exempt sources using emission factors at PTE levels.

Parameter Monitored: TOTAL HAP
Upper Permit Limit: 24.5 tons per year
Monitoring Frequency: MONTHLY
Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2015.
Subsequent reports are due every 12 calendar month(s).

Condition 3: Capping Monitoring Condition
Effective between the dates of 12/30/2014 and 12/29/2024

Applicable Federal Requirement:6 NYCRR 201-7.1

Item 3.1:
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 201-6.1 (a)

Item 3.2:

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

Item 3.3:
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 3.4:
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:
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:
The Compliance Demonstration activity will be performed for the Facility.

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

Item 3.7:
Compliance Demonstration shall include the following monitoring:

Capping: Yes
Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
Facility-wide emissions of VOCs shall not exceed 49 tons per year (98,000 lbs / year) as determined by summing monthly VOC emissions during any consecutive 12 month period. Records shall be maintained on-site which demonstrate compliance with the VOC cap. These records shall include mass emissions totaled over each month and the total mass emissions over each rolling 12 month period. Calculations of mass emissions are based on actual pounds of VOCs created in the mixing and pilot processes minus the pounds of VOCs condensed out of the exhaust gas plus VOCs from combustion and exempt sources using emission factors at PTE levels.

Parameter Monitored: VOC's
Upper Permit Limit: 49 tons per year
Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2015.
Subsequent reports are due every 12 calendar month(s).

Condition 4: Air pollution prohibited
Effective between the dates of 12/30/2014 and 12/29/2024

Applicable Federal Requirement:6 NYCRR 211.1

Item 4.1:
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 5: Compliance Demonstration
Effective between the dates of 12/30/2014 and 12/29/2024

Applicable Federal Requirement:6 NYCRR 212.4 (c)

Item 5.1:
The Compliance Demonstration activity will be performed for the facility:
The Compliance Demonstration applies to:

Emission Unit: 1-CRUSH

Emission Unit: 1-GRIND

Emission Unit: 1-MIXER

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

Item 5.2:
Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:
Particulate emissions are limited to 0.05 grains per dry standard cubic foot of exhaust. Compliance will be demonstrated by stack test at the request of permitting authority.

Parameter Monitored: PARTICULATES
Upper Permit Limit: 0.05 grains per dscf
Reference Test Method: EPA Method 5
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 6: Compliance Demonstration
Effective between the dates of 12/30/2014 and 12/29/2024

Applicable Federal Requirement:6 NYCRR 212.4 (c)

Item 6.1:
The Compliance Demonstration activity will be performed for the Facility.

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

Item 6.2:
Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
At least once per day, except during conditions of extreme weather, (fog, snow, rain) the facility operator shall observe the stacks of all operating processes for visible emissions. If visible emissions are detected that are above those that are normal (this may be zero percent for many stacks) the facility operator shall immediately determine the cause and make the necessary correction. The records of these observations and actions will be written in a set of bound log books at the facility and shall be available for inspection by Department representatives. Records will be maintained for at least 5 years.

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

Condition 7: Compliance Demonstration
Effective between the dates of 12/30/2014 and 12/29/2024

Applicable Federal Requirement:6 NYCRR 212.6 (a)

Item 7.1:
The Compliance Demonstration activity will be performed for the Facility.

Item 7.2:
Compliance Demonstration shall include the following monitoring:

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

No person will cause or allow emissions having an average opacity during any 6 consecutive minutes of 20 percent or greater from any process source, except only the emission of uncombined water. The Department reserves the right to perform or require the performance of a method 9 opacity evaluation at any time during facility operation.

Parameter Monitored: OPACITY
Upper Permit Limit: 20 percent
Reference Test Method: EPA Method 9
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Averaging Method: 6 MINUTE 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 facility owners and/or operators keep records pursuant to compliance with the requirements of 6 NYCRR Subpart 201-5.4, and/or the emission capping requirements of 6 NYCRR Subpart 201-7, the Department will make such records available to the public upon request in accordance with 6 NYCRR Part 616 - Public Access to Records. Facility owners and/or operators must submit the records required to comply with the request within sixty working days of written notification by the Department.

Item 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 8: **Contaminant List**
Effective between the dates of 12/30/2014 and 12/29/2024

Applicable State Requirement:ECL 19-0301

Item 8.1:
Emissions of the following contaminants are subject to contaminant specific requirements in this permit(emission limits, control requirements or compliance monitoring conditions).

CAS No: 0NY075-00-0
Name: PARTICULATES

CAS No: 0NY100-00-0
Name: TOTAL HAP

CAS No: 0NY998-00-0
Name: VOC

Condition 9: Malfunctions and start-up/shutdown activities
Effective between the dates of 12/30/2014 and 12/29/2024

Applicable State Requirement:6 NYCRR 201-1.4

Item 9.1:
(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 10: Emission Unit Definition
Effective between the dates of 12/30/2014 and 12/29/2024

Applicable State Requirement:6 NYCRR Subpart 201-5

Item 10.1:
The facility is authorized to perform regulated processes under this permit for:
Emission Unit: 1-CRUSH
Emission Unit Description:
This emission unit consists of various primary crushing, screening and magnetic seperation operations that separate garnet from the wollastonite ore. The wollastonite ore is dried in a propane fired dryer.

Building(s): PLANT1
PLANT2

Item 10.2:
The facility is authorized to perform regulated processes under this permit for:
Emission Unit: 1-GRIND
Emission Unit Description:
This emission unit consists of various equipment, and their associated dust collectors, which further grinds the separated wollastonite mineral from the primary crushing/magnetic separation operations and pneumatically seperates the Wollastonite material into specified particle sizes. It also includes various storage and packaging operations associated with the manufacture of Wollastonite products.

Building(s): PLANT1
PLANT2

Item 10.3:
The facility is authorized to perform regulated processes under this permit for:
Emission Unit: 1-MIXER
Emission Unit Description:
This emission unit consists of process mixers, storage bins, and their respective add-on control devices, which mix the wollastonite with silane material to manufacture various products. The mixers vent through individual filter dust collectors. It also includes plant 2 pilot operations and in-house vacuum cleaning systems.

Building(s): PLANT1
PLANT2

Condition 11: Renewal deadlines for state facility permits
Effective between the dates of 12/30/2014 and 12/29/2024

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

Item 11.1:
The owner or operator of a facility having an issued state facility permit shall submit a complete application at least 180 days, but not more than eighteen months, prior to the date of permit expiration for permit renewal purposes.

Condition 12: Compliance Demonstration
Effective between the dates of 12/30/2014 and 12/29/2024

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

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

Item 12.2:
Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Any reports or submissions required by this permit shall be submitted to the Regional Air Pollution Control Engineer (RAPCE) at the following address:

Division of Air Resources
NYS Dept. of Environmental Conservation
Region 5
232 Golf Course Rd.
Warrensburg, NY 12885

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 13: Visible Emissions Limited
Effective between the dates of 12/30/2014 and 12/29/2024

Applicable State Requirement:6 NYCRR 211.2

Item 13.1:
Except as permitted by a specific part of this Subchapter and for open fires for which a restricted burning permit has been issued, no person shall cause or allow any air contamination source to emit any material having an opacity equal to or greater than 20 percent (six minute average) except for one continuous six-minute period per hour of not more than 57 percent opacity.

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

Condition 14: Emission Point Definition By Emission Unit
Effective between the dates of 12/30/2014 and 12/29/2024

Applicable State Requirement:6 NYCRR Subpart 201-5

Item 14.1:
The following emission points are included in this permit for the cited Emission Unit:

Emission Unit: 1-CRUSH

Emission Point: 00001
Height (ft.): 40 Diameter (in.): 28
NYTMN (km.): 4913.123 NYTME (km.): 627.13 Building: PLANT1

Emission Point: 00003
Height (ft.): 66 Length (in.): 36 Width (in.): 36
NYTMN (km.): 4913.123 NYTME (km.): 627.13 Building: PLANT1

Emission Point: 00006
Height (ft.): 65 Diameter (in.): 22
NYTMN (km.): 4913.123 NYTME (km.): 627.13 Building: PLANT1

Emission Point: 00017
Height (ft.): 2 Length (in.): 36 Width (in.): 24
NYTMN (km.): 4913.123 NYTME (km.): 627.13 Building: PLANT1

Emission Point: 00049
Height (ft.): 65 Diameter (in.): 24
NYTMN (km.): 4913.123 NYTME (km.): 627.13 Building: PLANT1

Item 14.2:
The following emission points are included in this permit for the cited Emission Unit:

Emission Unit: 1-GRIND

Emission Point: 00004
Height (ft.): 65 Diameter (in.): 22
NYTMN (km.): 4913.123 NYTME (km.): 627.13 Building: PLANT1

Emission Point: 00007
Height (ft.): 65 Diameter (in.): 14
NYTMN (km.): 4913.123 NYTME (km.): 627.13 Building: PLANT1

Emission Point: 00008
Height (ft.): 65 Diameter (in.): 14
NYTMN (km.): 4913.123 NYTME (km.): 627.13 Building: PLANT1

Emission Point: 00009
Height (ft.): 65 Diameter (in.): 22

NYTMN (km.): 4913.123 NYTME (km.): 627.13 Building: PLANT1

Emission Point: 00011
Height (ft.): 30 Diameter (in.): 12
NYTMN (km.): 4913.123 NYTME (km.): 627.13 Building: PLANT1

Emission Point: 00012
Height (ft.): 30 Diameter (in.): 12
NYTMN (km.): 4913.123 NYTME (km.): 627.13 Building: PLANT1

Emission Point: 00013
Height (ft.): 30 Diameter (in.): 12
NYTMN (km.): 4913.123 NYTME (km.): 627.13 Building: PLANT1

Emission Point: 00014
Height (ft.): 28 Length (in.): 12 Width (in.): 9
NYTMN (km.): 4913.123 NYTME (km.): 627.13 Building: PLANT1

Emission Point: 00029
Height (ft.): 110 Diameter (in.): 6
NYTMN (km.): 4913.123 NYTME (km.): 627.13 Building: PLANT2

Emission Point: 00044
Height (ft.): 99 Diameter (in.): 12
NYTMN (km.): 4913.123 NYTME (km.): 627.13 Building: PLANT2

Emission Point: 00050
Height (ft.): 65 Diameter (in.): 18
NYTMN (km.): 4913.123 NYTME (km.): 627.13 Building: PLANT1

Emission Point: 00051
Height (ft.): 65 Diameter (in.): 30
NYTMN (km.): 4913.123 NYTME (km.): 627.13 Building: PLANT1

Emission Point: 00052
Height (ft.): 25 Diameter (in.): 22
NYTMN (km.): 4913.123 NYTME (km.): 627.13 Building: PLANT1

Emission Point: 00053
Height (ft.): 65 Diameter (in.): 19
NYTMN (km.): 4913.123 NYTME (km.): 627.13 Building: PLANT1

Emission Point: 00055
Height (ft.): 45 Diameter (in.): 10
NYTMN (km.): 4913.123 NYTME (km.): 627.13 Building: PLANT2

Emission Point: 00057
Height (ft.): 65 Length (in.): 12 Width (in.): 12
NYTMN (km.): 4913.123 NYTME (km.): 627.13 Building: PLANT1

Emission Point: 00058
Height (ft.): 65 Length (in.): 7 Width (in.): 7

NYTMN (km.): 4913.123 NYTME (km.): 627.13 Building: PLANT1

Emission Point: 00059
Height (ft.): 65 Length (in.): 4 Width (in.): 4
NYTMN (km.): 4913.123 NYTME (km.): 627.13 Building: PLANT1

Emission Point: 00060
Height (ft.): 78 Diameter (in.): 4
NYTMN (km.): 4913.123 NYTME (km.): 627.13 Building: PLANT1

Emission Point: 00061
Height (ft.): 84 Length (in.): 12 Width (in.): 12
NYTMN (km.): 4913.123 NYTME (km.): 627.13 Building: PLANT1

Emission Point: 00062
Height (ft.): 84 Length (in.): 12 Width (in.): 12
NYTMN (km.): 4913.123 NYTME (km.): 627.13 Building: PLANT1

Emission Point: 00063
Height (ft.): 79 Length (in.): 12 Width (in.): 12
NYTMN (km.): 4913.123 NYTME (km.): 627.13 Building: PLANT1

Emission Point: 00064
Height (ft.): 76 Length (in.): 12 Width (in.): 12
NYTMN (km.): 4913.123 NYTME (km.): 627.13 Building: PLANT1

Emission Point: 00065
Height (ft.): 46 Diameter (in.): 48
NYTMN (km.): 4913.123 NYTME (km.): 627.13 Building: PLANT1

Emission Point: 00066
Height (ft.): 58 Diameter (in.): 22
NYTMN (km.): 4913.123 NYTME (km.): 627.13 Building: PLANT1

Emission Point: 00067
Height (ft.): 64 Diameter (in.): 49
NYTMN (km.): 4913.123 NYTME (km.): 627.13 Building: PLANT1

Emission Point: 00068
Height (ft.): 64 Diameter (in.): 49
NYTMN (km.): 4913.123 NYTME (km.): 627.13 Building: PLANT1

Emission Point: 00069
Height (ft.): 64 Diameter (in.): 49
NYTMN (km.): 4913.123 NYTME (km.): 627.13 Building: PLANT1

Emission Point: 00070
Height (ft.): 39 Diameter (in.): 37
NYTMN (km.): 4913.123 NYTME (km.): 627.13 Building: PLANT1

Emission Point: 00071
Height (ft.): 15 Diameter (in.): 37

NYTMN (km.): 4913.123 NYTME (km.): 627.13 Building: PLANT1

Emission Point: 00072
Height (ft.): 97 Diameter (in.): 20
NYTMN (km.): 4913.123 NYTME (km.): 627.13 Building: PLANT2

Emission Point: 00073
Height (ft.): 101 Diameter (in.): 20
NYTMN (km.): 4913.123 NYTME (km.): 627.13 Building: PLANT2

Emission Point: 00074
Height (ft.): 101 Diameter (in.): 20
NYTMN (km.): 4913.123 NYTME (km.): 627.13 Building: PLANT2

Emission Point: 00075
Height (ft.): 128 Length (in.): 12 Width (in.): 9
NYTMN (km.): 4913.123 NYTME (km.): 627.13 Building: PLANT2

Emission Point: 00076
Height (ft.): 45 Diameter (in.): 32
NYTMN (km.): 4913.123 NYTME (km.): 627.13 Building: PLANT1

Emission Point: 00077
Height (ft.): 41 Length (in.): 12 Width (in.): 9
NYTMN (km.): 4913.123 NYTME (km.): 627.13 Building: PLANT1

Emission Point: 00099
Height (ft.): 10 Diameter (in.): 6
NYTMN (km.): 4913.123 NYTME (km.): 627.13 Building: PLANT1

Item 14.3:
The following emission points are included in this permit for the cited Emission Unit:

Emission Unit: 1-MIXER

Emission Point: 00010
Height (ft.): 26 Diameter (in.): 6
NYTMN (km.): 4913.123 NYTME (km.): 627.13 Building: PLANT1

Emission Point: 00018
Height (ft.): 45 Diameter (in.): 12
NYTMN (km.): 4913.123 NYTME (km.): 627.13 Building: PLANT2

Emission Point: 00019
Height (ft.): 45 Diameter (in.): 12
NYTMN (km.): 4913.123 NYTME (km.): 627.13 Building: PLANT2

Emission Point: 00021
Height (ft.): 45 Diameter (in.): 12
NYTMN (km.): 4913.123 NYTME (km.): 627.13 Building: PLANT2

Emission Point: 00022

Height (ft.): 45 Diameter (in.): 6
NYTMN (km.): 4913.123 NYTME (km.): 627.13 Building: PLANT2

Emission Point: 00023
Height (ft.): 110 Diameter (in.): 8
NYTMN (km.): 4913.123 NYTME (km.): 627.13 Building: PLANT2

Emission Point: 00037
Height (ft.): 110 Diameter (in.): 12
NYTMN (km.): 4913.123 NYTME (km.): 627.13 Building: PLANT2

Emission Point: 00038
Height (ft.): 110 Diameter (in.): 12
NYTMN (km.): 4913.123 NYTME (km.): 627.13 Building: PLANT2

Emission Point: 00039
Height (ft.): 110 Diameter (in.): 12
NYTMN (km.): 4913.123 NYTME (km.): 627.13 Building: PLANT2

Emission Point: 00040
Height (ft.): 110 Diameter (in.): 12
NYTMN (km.): 4913.123 NYTME (km.): 627.13 Building: PLANT2

Emission Point: 00041
Height (ft.): 110 Diameter (in.): 12
NYTMN (km.): 4913.123 NYTME (km.): 627.13 Building: PLANT2

Emission Point: 00048
Height (ft.): 110 Length (in.): 31 Width (in.): 22
NYTMN (km.): 4913.123 NYTME (km.): 627.13 Building: PLANT2

Condition 15: Process Definition By Emission Unit
Effective between the dates of 12/30/2014 and 12/29/2024

Applicable State Requirement:6 NYCRR Subpart 201-5

Item 15.1:
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: 1-CRUSH
Process: 100
Process Description:
This process consists of crushing and screening of wollastonite ore to remove garnet impurities. Fabric filters are used to control emissions. The crushing/screening operations are exhausted through the following emission points: EP001 - primary crushing/ screening/bucket elevators. EP017 - primary and secondary crushing.

Emission Source/Control: DC001 - Control
Control Type: FABRIC FILTER

Emission Source/Control: DC101 - Control
Control Type: FABRIC FILTER

Emission Source/Control: 00001 - Process

Emission Source/Control: 00017 - Process

Emission Source/Control: BE001 - Process

Emission Source/Control: S0001 - Process

Item 15.2:
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: 1-CRUSH
Process: 200
Process Description:
This process consists of vibrating conveyors and screen sizing of particles for more efficient magnetic separation of impurities from the crushed wollastonite ore. A fabric filter is used for emissions control. The process is exhausted through the following emissions point: EP003 - beneficiation EP006 - beneficiation dust collection.

Emission Source/Control: DC002 - Control
Control Type: FABRIC FILTER

Emission Source/Control: DC003 - Control
Control Type: FABRIC FILTER

Emission Source/Control: DC009 - Control
Control Type: FABRIC FILTER

Emission Source/Control: 00003 - Process

Emission Source/Control: 00006 - Process

Emission Source/Control: VC001 - Process

Item 15.3:
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: 1-CRUSH
Process: 60O
Process Description:
This process consists of an LP fired fluid bed dryer used to air-dry wollastonite ore. The kiln/dryer is vented to a fabric filter. The kiln/dryer is exhausted through the following emission point: EP 049 - fluid bed dryer.

Emission Source/Control: CY102 - Control

Control Type: CENTRIFUGAL

Emission Source/Control: DC102 - Control
Control Type: FABRIC FILTER

Emission Source/Control: 00049 - Process

Item 15.4:
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: 1-GRIND
Process: 300
Process Description:
This process consists of various milling and grinding operations, which further process the crushed and dried wollastonite. Fabric filters are used to control emissions. The fine grinding operations are exhausted through the following emission points: EP004 - pebble mill #2; EP011 - G40 circuit; EP053 - pebble mill #1; EP007 - DC006; EP012 - DC011; EP073 - jet mill north; EP013 - DC012; EP074 - jet mill south; EP009 - pebble mill #3; EP 014 - 6 & 7F-1 and BIN PKG 021.

Emission Source/Control: DC006 - Control
Control Type: FABRIC FILTER

Emission Source/Control: DC010 - Control
Control Type: FABRIC FILTER

Emission Source/Control: DC011 - Control
Control Type: FABRIC FILTER

Emission Source/Control: DC012 - Control
Control Type: FABRIC FILTER

Emission Source/Control: DC013 - Control
Control Type: FABRIC FILTER

Emission Source/Control: DC014 - Control
Control Type: FABRIC FILTER

Emission Source/Control: DC015 - Control
Control Type: FABRIC FILTER

Emission Source/Control: DC019 - Control
Control Type: FABRIC FILTER

Emission Source/Control: DC020 - Control
Control Type: FABRIC FILTER

Emission Source/Control: DC021 - Control
Control Type: FABRIC FILTER

Emission Source/Control: PC150 - Control
Control Type: FABRIC FILTER

Emission Source/Control: PC151 - Control
Control Type: FABRIC FILTER

Emission Source/Control: PC263 - Control
Control Type: FABRIC FILTER

Emission Source/Control: PC273 - Control
Control Type: FABRIC FILTER

Emission Source/Control: 00004 - Process

Emission Source/Control: 00007 - Process

Emission Source/Control: 00009 - Process

Emission Source/Control: 00011 - Process

Emission Source/Control: 00012 - Process

Emission Source/Control: 00013 - Process

Emission Source/Control: 00014 - Process

Emission Source/Control: 00053 - Process

Emission Source/Control: 00073 - Process

Emission Source/Control: 00074 - Process

Emission Source/Control: VC002 - Process

Item 15.5:
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: 1-GRIND
Process: 400
Process Description:
This process consists of various product receivers/collectors (storage bins/silos). Fabric filters are used to control emissions. The storage bins are exhausted through the following emission points: EP029 - raw product storage bin 220a and 220b, EP058 - nyad 325 storage bin 018, EP063 - packaging bin 007, EP044 - holding bins/packers, EP059 - nyad 400 storage bin 019, EP064 - packaging bin 008, EP051 - packing line and offline, EP060 - nyad 1250 storage bin 020, EP052 - metal silo, EP061 - packaging bin 003, EP076 - acm 300 mill, EP057 - acm 300 feed tank, EP062 - packaging bin 004,

EP077- acm 300/95 ton bin, EP099 - rail loadout tank.

Emission Source/Control: BV002 - Control
Control Type: FABRIC FILTER

Emission Source/Control: BV003 - Control
Control Type: FABRIC FILTER

Emission Source/Control: BV004 - Control
Control Type: FABRIC FILTER

Emission Source/Control: BV006 - Control
Control Type: FABRIC FILTER

Emission Source/Control: BV007 - Control
Control Type: FABRIC FILTER

Emission Source/Control: BV101 - Control
Control Type: FABRIC FILTER

Emission Source/Control: BV102 - Control
Control Type: FABRIC FILTER

Emission Source/Control: BV105 - Control
Control Type: FABRIC FILTER

Emission Source/Control: BV106 - Control
Control Type: FABRIC FILTER

Emission Source/Control: BV116 - Control
Control Type: FABRIC FILTER

Emission Source/Control: BV141 - Control
Control Type: FABRIC FILTER

Emission Source/Control: BV143 - Control
Control Type: FABRIC FILTER

Emission Source/Control: BV144 - Control
Control Type: FABRIC FILTER

Emission Source/Control: DC018 - Control
Control Type: FABRIC FILTER

Emission Source/Control: DC022 - Control
Control Type: FABRIC FILTER

Emission Source/Control: DC264 - Control
Control Type: FABRIC FILTER

Emission Source/Control: P221A - Control
Control Type: FABRIC FILTER

Emission Source/Control: PC142 - Control
Control Type: FABRIC FILTER

Emission Source/Control: PC221 - Control
Control Type: FABRIC FILTER

Emission Source/Control: 00029 - Process

Emission Source/Control: 00044 - Process

Emission Source/Control: 00051 - Process

Emission Source/Control: 00052 - Process

Emission Source/Control: 00057 - Process

Emission Source/Control: 00058 - Process

Emission Source/Control: 00059 - Process

Emission Source/Control: 00060 - Process

Emission Source/Control: 00061 - Process

Emission Source/Control: 00062 - Process

Emission Source/Control: 00063 - Process

Emission Source/Control: 00064 - Process

Emission Source/Control: 00076 - Process

Emission Source/Control: 00077 - Process

Emission Source/Control: 00099 - Process

Item 15.6:
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: 1-GRIND
Process: 800
Process Description:
This process consists of classifiers that pneumatically separate the Wollastonite material into specified particle sizes. Fabric filters are used to control emissions. The classifiers are exhausted to the following emission points: EP050 - classifier 103, EP055 - plant 2 classifier circuit - line 3, EP072 - air classifier circuit - RRIMGLOS.

Emission Source/Control: CY261 - Control

Control Type: CENTRIFUGAL

Emission Source/Control: CY262 - Control
Control Type: CENTRIFUGAL

Emission Source/Control: PC110 - Control
Control Type: FABRIC FILTER

Emission Source/Control: PC261 - Control
Control Type: FABRIC FILTER

Emission Source/Control: PC271 - Control
Control Type: FABRIC FILTER

Emission Source/Control: 00050 - Process

Emission Source/Control: 00055 - Process

Emission Source/Control: 00072 - Process

Item 15.7:
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: 1-GRIND
Process: 900
Process Description:
This process consists of general room exhausts. Emissions are exhausted directly to atmosphere.

Emission Source/Control: 00065 - Process

Emission Source/Control: 00066 - Process

Emission Source/Control: 00067 - Process

Emission Source/Control: 00068 - Process

Emission Source/Control: 00069 - Process

Emission Source/Control: 00070 - Process

Emission Source/Control: 00071 - Process

Item 15.8:
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: 1-MIXER
Process: 010
Process Description:
This process consists of housecleaning vacuum systems. Fabric filters are used to control emissions. The vacuum systems are exhausted to the following emission points:

EP010 - plant 1 Spencer vacuum system, EP022 - plant 2 pilot vacuum system, EP023 - plant 2 Spencer vacuum system.

Emission Source/Control: DC081 - Control
Control Type: FABRIC FILTER

Emission Source/Control: DC200 - Control
Control Type: FABRIC FILTER

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

Emission Source/Control: VC080 - Control
Control Type: FABRIC FILTER

Emission Source/Control: 00010 - Process

Emission Source/Control: 00022 - Process

Emission Source/Control: 00023 - Process

Item 15.9:
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: 1-MIXER
Process: 501
Process Description:
This process consists of process heating mixers and their respective add-on control devices, which mix the wollastonite with coating solutions to manufacture various products. This process is exhausted to the following emission point: EP048 - heating mixers.

Emission Source/Control: DC213 - Control
Control Type: FABRIC FILTER

Emission Source/Control: DC223 - Control
Control Type: FABRIC FILTER

Emission Source/Control: DC233 - Control
Control Type: FABRIC FILTER

Emission Source/Control: DC243 - Control
Control Type: FABRIC FILTER

Emission Source/Control: 00048 - Process

Item 15.10:
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: 1-MIXER

Process: 502
Process Description:
Process consists of final product storage bins and packers. Emissions are controlled by a common dust collector for each process line. The treatment process operations are exhausted through the following emission points: EP037 - Line 1 storage and package; EP038 - Line 2 storage and package; EP039 - Line 3 storage and package; EP040 - Line 4 storage and package; EP041 - Line 5 storage and package.

Emission Source/Control: BV212 - Control
Control Type: FABRIC FILTER

Emission Source/Control: BV222 - Control
Control Type: FABRIC FILTER

Emission Source/Control: BV232 - Control
Control Type: FABRIC FILTER

Emission Source/Control: DC241 - Control
Control Type: FABRIC FILTER

Emission Source/Control: DC251 - Control
Control Type: FABRIC FILTER

Emission Source/Control: 00037 - Process

Emission Source/Control: 00038 - Process

Emission Source/Control: 00039 - Process

Emission Source/Control: 00040 - Process

Emission Source/Control: 00041 - Process

Item 15.11:
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: 1-MIXER
Process: 700
Process Description:
This process, located in plant 2, consists of pilot plant test operations for new wollastonite product lines. The pilot plant operations are exhausted through the following emission points: EP018 - pilot plant test room no.1, EP019 - pilot plant test room no.2, EP021 - pilot plant test room no.5.

Emission Source/Control: DC201 - Control
Control Type: FABRIC FILTER

Emission Source/Control: DC202 - Control
Control Type: FABRIC FILTER

Emission Source/Control: DC203 - Control
Control Type: FABRIC FILTER

Emission Source/Control: 00018 - Process

Emission Source/Control: 00019 - Process

Emission Source/Control: 00021 - Process