

Facility DEC ID: 8261400136

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

**IDENTIFICATION INFORMATION**

Permit Type: Air State Facility  
Permit ID: 8-2614-00136/00139  
Mod 0 Effective Date: 11/06/2020 Expiration Date: 11/05/2030  
Mod 1 Effective Date: 08/10/2022 Expiration Date: 11/05/2030  
Mod 2 Effective Date: 03/01/2023 Expiration Date: 11/05/2030

Permit Issued To: BAUSCH AND LOMB INC  
BAUSCH & LOMB PL  
ROCHESTER, NY 14604-2071

Contact: BRIAN PINTAGRO  
BAUSCH AND LOMB OPTICS CENTER  
1400 N GOODMAN ST  
ROCHESTER, NY 14692-0450  
(585) 338-5172

Facility: BAUSCH AND LOMB OPTICS CENTER  
1400 N GOODMAN ST  
ROCHESTER, NY 14692-0450

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(585) 338-5172

Description:  
Modification to the Air State Facility Permit for Bausch & Lomb Inc.'s Air State Facility Permit for its Optics Center, located at 1400 North Goodman St in the City of Rochester (renewal 1/ modification 2).

Bausch & Lomb Inc.'s Air State Facility Permit for its Optics Center emits air contaminants from three 37 million BTU per hour process steam boilers which can be fired by either natural gas or #6 fuel oil, contact lens manufacturing, processing, and packaging operations, two diesel powered emergency generators, and small exempt heating units. Fuel usage restrictions to limit emissions of sulfur dioxide (SO<sub>2</sub>) and oxides of nitrogen (NO<sub>x</sub>) to below their 100 ton per year Part 201-6 thresholds, and chemical usage restrictions to limit on emissions of volatile organic compounds (VOC) to below the 50 ton per year Part 201-6 threshold, will be continued. The renewal permit includes two new contact lens manufacturing lines which will be housed in an a newly constructed

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building. Existing regenerative thermal oxidizer RT002 will control isopropyl alcohol (IPA) emissions from the crystal lines by at least 95% and the increase in emissions will be below 3.61 tons per year, which will keep total actual emissions well below 2013-2017 levels. Two existing "Pegasus" lines will be re-routed to thermal oxidizer RT001. The facility is currently capped at less than 50 tpy VOC and will remain well below that threshold. Significant changes to monitoring conditions are included in the permit renewal. NOx and SO2 caps remain as the facility has the capability to burn #6 oil in three 30 MMBtu/hr boilers.

For the first modification, several air emission units were removed from the facility, process/source description language was updated, and several air emission sources were renamed.

This second modification was initiated by the Department to update for condition language and current regulatory citations containing stricter monitoring requirements. Existing emission limits remain in effect. Permitted activities were updated to include seven existing storage tanks with volumes from 6,000 - 12,600 gallons, consisting of either virgin or "spent" IPA or a 50/50 percent mixture of IPA and water. The tanks vent to the outdoors periodically through a designed pressure-relief system. Emissions associated with these sources are de minimis but remain non-exempt sources under 6 NYCRR 201-3. This is a minor permit modification with no changes in emissions limitations/ caps.

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: KIMBERLY A MERCHANT  
6274 E AVON LIMA RD  
AVON, NY 14414-9519

Authorized Signature: \_\_\_\_\_ Date: \_\_\_ / \_\_\_ / \_\_\_\_\_

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### 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.

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**DEC GENERAL CONDITIONS**

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**Facility Level**

- 6 5 Submission of application for permit modification or renewal-REGION 8 HEADQUARTERS

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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 the expiration of permits for Title V and 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.

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**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 8 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 8 Headquarters  
Division of Environmental Permits  
6274 Avon-Lima Road  
Avon, NY 14414-9519  
(585) 226-2466

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**Permit Under the Environmental Conservation Law (ECL)**

ARTICLE 19: AIR POLLUTION CONTROL - AIR STATE FACILITY PERMIT

IDENTIFICATION INFORMATION

Permit Issued To: BAUSCH AND LOMB INC  
BAUSCH & LOMB PL  
ROCHESTER, NY 14604-2071

Facility: BAUSCH AND LOMB OPTICS CENTER  
1400 N GOODMAN ST  
ROCHESTER, NY 14692-0450

Authorized Activity By Standard Industrial Classification Code:  
3827 - OPTICAL INSTRUMENTS AND LENSES  
3851 - OPHTHALMIC GOODS

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Permit Expiration Date: 11/05/2030

Mod 1 Permit Effective Date: 08/10/2022

Permit Expiration Date: 11/05/2030

Mod 2 Permit Effective Date: 03/01/2023

Permit Expiration Date: 11/05/2030

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**FEDERALLY ENFORCEABLE CONDITIONS**

**Facility Level**

- 7 1 6 NYCRR 201-7.1: Facility Permissible Emissions
- 7 \*2-1 6 NYCRR 201-7.1: Capping Monitoring Condition
- 9 \*2-2 6 NYCRR 201-7.1: Capping Monitoring Condition
- 11 \*2-3 6 NYCRR 201-7.1: Capping Monitoring Condition
- 12 5 6 NYCRR 211.2: Visible Emissions Limited
- 13 6 6 NYCRR 212-1.6 (a): Compliance Demonstration
- 14 7 6 NYCRR 212-1.6 (a): Compliance Demonstration
- 15 2-4 6 NYCRR 212-2.4 (b): Compliance Demonstration
- 16 2-5 6 NYCRR 225-1.2 (c): Compliance Demonstration
- 17 2-6 6 NYCRR 225-1.2 (d): Compliance Demonstration
- 18 2-7 6 NYCRR 227-1.3 (a): Compliance Demonstration
- 18 10 40CFR 63, Subpart JJJJJJ: Applicability
- 19 11 40CFR 63, Subpart ZZZZ: Applicability

**Emission Unit Level**

**EU=U-00001,Proc=A11,ES=RT001**

- 19 2-8 6 NYCRR 212-2.3 (b): Compliance Demonstration
- 21 2-9 6 NYCRR 212-2.3 (b): Compliance Demonstration

**EU=U-00001,Proc=A12,ES=RT002**

- 22 2-10 6 NYCRR 212-2.3 (b): Compliance Demonstration
- 23 2-11 6 NYCRR 212-2.3 (b): Compliance Demonstration
- 24 2-12 6 NYCRR 212-1.6 (a): Compliance Demonstration

**EU=U-00002,Proc=A06**

- 26 13 6 NYCRR 227-1.3 (a): Compliance Demonstration

**EU=U-00002,Proc=A07**

- 27 14 6 NYCRR 227-1.3 (a): Compliance Demonstration

**STATE ONLY ENFORCEABLE CONDITIONS**

**Facility Level**

- 30 15 ECL 19-0301: Contaminant List
- 31 1-1 6 NYCRR 201-1.4: Malfunctions and Start-up/Shutdown Activities
- 32 17 6 NYCRR Subpart 201-5: Emission Unit Definition
- 32 18 6 NYCRR 201-5.2 (c): Renewal deadlines for state facility permits
- 32 19 6 NYCRR 201-5.3 (c): CLCPA Applicability
- 32 20 6 NYCRR 201-5.3 (c): Compliance Demonstration
- 33 21 6 NYCRR 211.1: Air pollution prohibited

**Emission Unit Level**

- 33 22 6 NYCRR Subpart 201-5: Emission Point Definition By Emission Unit
- 35 23 6 NYCRR Subpart 201-5: Process Definition By Emission Unit

NOTE: \* preceding the condition number indicates capping.



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**FEDERALLY ENFORCEABLE CONDITIONS**

Renewal 1/Mod 2/FINAL

\*\*\*\* 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,

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required to operate such device effectively.

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

(a) Except as otherwise provided by this Part, construction or operation of a new, modified or existing air contamination source without a registration or permit issued pursuant to this Part is prohibited.

(b) If an existing facility or emission source was subject to the permitting requirements of this Part at the time of construction or modification, and the owner or operator failed to apply for a permit or registration as described in this Part, the owner or operator must apply for a permit or registration in accordance with the provisions of this Part. The facility or emission source is subject to all regulations that were applicable to it at the time of construction or modification and any subsequent requirements applicable to existing emission sources.

**Item E: 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 F: 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 G: 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 H: Proof of Eligibility for Sources Defined as Trivial**

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**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 I: 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 J: 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 K: 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 L: Federally Enforceable Requirements - 40 CFR 70.6 (b)**

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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 11/06/2020 and 11/05/2030**

**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:

per year	CAS No: 007446-09-5 (From Mod 2) Name: SULFUR DIOXIDE	PTE: 199,999 pounds
per year	CAS No: 0NY210-00-0 (From Mod 2) Name: OXIDES OF NITROGEN	PTE: 199,999 pounds
per year	CAS No: 0NY998-00-0 (From Mod 2) Name: VOC	PTE: 99,999 pounds

**Condition 2-1: Capping Monitoring Condition**  
**Effective between the dates of 03/01/2023 and 11/05/2030**

**Applicable Federal Requirement:6 NYCRR 201-7.1**

**Item 2-1.1:**

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 212-3.1

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**Item 2-1.2:**

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

**Item 2-1.3:**

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 2-1.4:**

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 2-1.5:**

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 2-1.6:**

The Compliance Demonstration activity will be performed for the Facility.

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

**Item 2-1.7:**

Compliance Demonstration shall include the following monitoring:

Capping: Yes

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

Monitoring Description:

This facility is capped at less than 50 tons per year of volatile organic compounds (VOC), calculated on a rolling 12-month basis. This limit, along with NO<sub>x</sub> and SO<sub>2</sub> limits, caps the facility below Title V applicability. This VOC limit also caps the facility below 50 TPY VOC RACT applicability, 6NYCRR Part 212-3.

The facility will keep all pertinent chemical usage records and process information necessary to accurately record VOC emissions. VOC emissions will be calculated monthly for all sources identified in this ASF permit and all other sources capable of emitting greater than 1 ton per month of VOC.

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Additionally, annual VOC emissions from all other sources at Bausch and Lomb incapable of emitting 1 ton per month of VOC, whether specifically exempted or not, will be calculated no later than triennially and average monthly VOC emissions from these sources will be calculated.

Each month, total facility monthly VOC emissions will be calculated as described above and added to the previous 11 month's emissions.

All emission factors, calculations and emissions data are subject to Department approval and will be readily available to the Department upon request. These records must be retained for a minimum of 5 years.

Parameter Monitored: VOC's

Upper Permit Limit: 49.9 tons per year

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2024.

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

**Condition 2-2: Capping Monitoring Condition**  
**Effective between the dates of 03/01/2023 and 11/05/2030**

**Applicable Federal Requirement:6 NYCRR 201-7.1**

**Item 2-2.1:**

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 Subpart 201-6

6 NYCRR 212-3.1

6 NYCRR Subpart 227-2

**Item 2-2.2:**

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

**Item 2-2.3:**

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.

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**Item 2-2.4:**

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 2-2.5:**

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 2-2.6:**

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

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

**Item 2-2.7:**

Compliance Demonstration shall include the following monitoring:

Capping: Yes

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

Monitoring Description:

This facility is capped at less than 100 tons per year of oxides of nitrogen (NO<sub>x</sub>), calculated on a rolling 12-month basis. This limit, along with SO<sub>2</sub> and VOC limits, caps the facility below Title V applicability.

The facility will keep records of all fuel burned for each emission source. NO<sub>x</sub> emissions will be calculated monthly for the boilers and all other sources capable of emitting greater than 1 ton per month nitrogen oxides.

Additionally, annual NO<sub>x</sub> from all other sources at Bausch and Lomb incapable of emitting 1 ton per month NO<sub>x</sub>, whether specifically exempted or not, will be calculated no later than triennially and average monthly NO<sub>x</sub> emissions from these sources will be calculated.

Each month, total facility monthly NO<sub>x</sub> emissions will be calculated as described above and added to the previous 11 month's emissions.

All emission factors, calculations and emissions data are subject to Department approval and will be readily available to the Department upon request. These records must be retained for a minimum of 5 years.

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Parameter Monitored: OXIDES OF NITROGEN  
 Upper Permit Limit: 99.9 tons per year  
 Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING

DESCRIPTION  
 Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY  
 Reporting Requirements: ANNUALLY (CALENDAR)  
 Reports due 30 days after the reporting period.  
 The initial report is due 1/30/2024.  
 Subsequent reports are due every 12 calendar month(s).

**Condition 2-3: Capping Monitoring Condition**  
**Effective between the dates of 03/01/2023 and 11/05/2030**

**Applicable Federal Requirement: 6 NYCRR 201-7.1**

**Item 2-3.1:**

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 Subpart 201-6

**Item 2-3.2:**

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

**Item 2-3.3:**

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 2-3.4:**

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 2-3.5:**

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 2-3.6:**

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):  
 CAS No: 007446-09-5      SULFUR DIOXIDE



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**Item 2-3.7:**

Compliance Demonstration shall include the following monitoring:

Capping: Yes

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

Monitoring Description:

This facility is capped at less than 100 tons per year of sulfur dioxide(SO<sub>2</sub>), calculated on a rolling 12-month basis. This limit, along with NO<sub>x</sub> and VOC limits, caps the facility below Title V applicability.

The facility will keep records of all fuel oil burned and the sulfur content for each emission source capable of firing fuel oil. SO<sub>2</sub> emissions will be calculated monthly for the boilers and all other sources capable of emitting greater than 1 ton per month of SO<sub>2</sub>.

Additionally, annual SO<sub>2</sub> emissions from all other sources at Bausch and Lomb incapable of emitting 1 ton per month of SO<sub>2</sub>, whether specifically exempted or not, will be calculated no later than triennially and average monthly SO<sub>2</sub> emissions from these sources will be calculated.

Each month, total facility monthly SO<sub>2</sub> emissions will be calculated as described above and added to the previous 11 month's emissions.

All emission factors, calculations and emissions data are subject to Department approval and will be readily available to the Department upon request. These records must be retained for a minimum of 5 years.

Parameter Monitored: SULFUR DIOXIDE

Upper Permit Limit: 99.9 tons per year

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING  
DESCRIPTION

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2024.

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

**Condition 5: Visible Emissions Limited**  
**Effective between the dates of 11/06/2020 and 11/05/2030**

**Applicable Federal Requirement:6 NYCRR 211.2**

**Item 5.1:**

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

**Condition 6: Compliance Demonstration**  
**Effective between the dates of 11/06/2020 and 11/05/2030**

**Applicable Federal Requirement: 6 NYCRR 212-1.6 (a)**

**Item 6.1:**

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

Emission Unit: U-00001                      Emission Point: G1901  
 Process: A04

Emission Unit: U-00001                      Emission Point: G0601  
 Process: A08

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

**Item 6.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

No person shall 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. The Department reserves the right to perform or require the performance of a Method 9 opacity evaluation at any time during facility operation.

The owner and/or operator will conduct observations of visible emissions from the emission unit, process, etc. to which this condition applies monthly while the process is in operation. The owner and/or operator will investigate, in a timely manner, any instance where there is cause to believe that visible emissions have the potential to exceed the opacity standard.

The owner and/or operator shall investigate the cause, make any necessary corrections, and verify that the excess visible emissions problem has been corrected. If visible emissions with the potential to exceed the standard continue, the owner and/or operator will conduct a Method 9 assessment within the next operating day of the sources associated with the potential noncompliance to determine

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the degree of opacity and will notify the NYSDEC if the method 9 test indicates that the opacity standard is not met.

Records of visible emissions observations (or any follow-up method 9 tests), investigations and corrective actions will be kept on-site. Should the Department determine that permittee's record keeping format is inadequate to demonstrate compliance with this condition, it shall provide written notice to the permittee stating the inadequacies, and permittee shall have 90 days to revise its prospective record keeping format in a manner acceptable to the Department.

Parameter Monitored: OPACITY  
 Upper Permit Limit: 20 percent  
 Reference Test Method: Method 9  
 Monitoring Frequency: MONTHLY  
 Averaging Method: 6-MINUTE AVERAGE (METHOD 9)  
 Reporting Requirements: ANNUALLY (CALENDAR)  
 Reports due 30 days after the reporting period.  
 The initial report is due 1/30/2021.  
 Subsequent reports are due every 12 calendar month(s).

**Condition 7: Compliance Demonstration**  
**Effective between the dates of 11/06/2020 and 11/05/2030**

**Applicable Federal Requirement: 6 NYCRR 212-1.6 (a)**

**Item 7.1:**

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

Emission Unit: U-00001                      Emission Point: G0704  
 Process: A10

Emission Unit: U-00001                      Emission Point: G0704  
 Process: A11

Emission Unit: U-00001                      Emission Point: G0705  
 Process: A12

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

**Item 7.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

No person shall cause or allow emissions having an average opacity during any six consecutive minutes of 20

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percent or greater from any process emission 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.

The owner and/or operator will conduct observations of visible emissions from the emission unit, process, etc. to which this condition applies weekly while the process is in operation. The owner and/or operator will investigate, in a timely manner, any instance where there is cause to believe that visible emissions have the potential to exceed the opacity standard.

The owner and/or operator shall investigate the cause, make any necessary corrections, and verify that the excess visible emissions problem has been corrected. If visible emissions with the potential to exceed the standard continue, the owner and/or operator will conduct a Method 9 assessment within the next operating day of the sources associated with the potential noncompliance to determine the degree of opacity and will notify the NYSDEC if the method 9 test indicates that the opacity standard is not met.

Records of visible emissions observations (or any follow-up method 9 tests), investigations and corrective actions will be kept on-site. Should the Department determine that permittee's record keeping format is inadequate to demonstrate compliance with this condition, it shall provide written notice to the permittee stating the inadequacies, and permittee shall have 90 days to revise its prospective record keeping format in a manner acceptable to the Department.

Parameter Monitored: OPACITY  
Upper Permit Limit: 20 percent  
Reference Test Method: Method 9  
Monitoring Frequency: WEEKLY  
Averaging Method: 6-MINUTE AVERAGE (METHOD 9)  
Reporting Requirements: ANNUALLY (CALENDAR)  
Reports due 30 days after the reporting period.  
The initial report is due 1/30/2021.  
Subsequent reports are due every 12 calendar month(s).

**Condition 2-4: Compliance Demonstration**  
**Effective between the dates of 03/01/2023 and 11/05/2030**

**Applicable Federal Requirement: 6 NYCRR 212-2.4 (b)**

**Item 2-4.1:**

The Compliance Demonstration activity will be performed for the facility:

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The Compliance Demonstration applies to:

Emission Unit: U-00001  
Process: A11

Emission Unit: U-00001  
Process: A12

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

**Item 2-4.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions from any process emission source for which an application was received by the department after July 1, 1973 are restricted as follows:

No facility owner or operator shall cause or allow emissions of particulate that exceed 0.050 grains per cubic foot of exhaust gas, expressed at standard conditions on a dry gas basis, except in instances where determination of permissible emission rate using process weight for a specific source category emitting solid particulate is based upon Table 5 and Table 6 of Subdivisions 212-2.5(a) and (b) of this Part.

Parameter Monitored: PARTICULATES  
Upper Permit Limit: 0.050 grains per dscf  
Reference Test Method: USEPA Reference Test Method 5  
Averaging Method: 1-HOUR AVERAGE  
Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 2-5: Compliance Demonstration**  
**Effective between the dates of 03/01/2023 and 11/05/2030**

**Applicable Federal Requirement: 6 NYCRR 225-1.2 (c)**

**Item 2-5.1:**

The Compliance Demonstration activity will be performed for the Facility.

**Item 2-5.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

Owners or operators of emission sources that fire residual oil are limited to a 0.50 percent sulfur content by weight of the fuel. Compliance with the sulfur-in-fuel

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limitation is based on fuel vendor receipts. All fuel vendor receipts must be maintained on site or at a Department approved alternative location for a minimum of five years.

Note - Process sources and incinerators must comply with the above requirements on or after July 1, 2023.

Work Practice Type: PARAMETER OF PROCESS MATERIAL  
 Process Material: NUMBER 2 HEATING OIL  
 Parameter Monitored: SULFUR CONTENT  
 Upper Permit Limit: 0.50 percent by weight  
 Monitoring Frequency: PER DELIVERY  
 Averaging Method: MAXIMUM - NOT TO BE EXCEEDED AT ANY TIME (INSTANTANEOUS/DISCRETE OR GRAB)  
 Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 2-6: Compliance Demonstration**  
**Effective between the dates of 03/01/2023 and 11/05/2030**

**Applicable Federal Requirement:6 NYCRR 225-1.2 (d)**

**Item 2-6.1:**

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

Emission Unit: U-00002  
 Process: A06

**Item 2-6.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

Owners or operators of emission sources that fire distillate oil are limited to a 0.0015 percent sulfur content by weight of the fuel. Compliance with the sulfur-in-fuel limitation is based on fuel vendor receipts. All fuel vendor receipts must be maintained on site or at a Department approved alternative location for a minimum of five years.

Note - Process sources and incinerators must comply with the above requirements on or after July 1, 2023.

Work Practice Type: PARAMETER OF PROCESS MATERIAL  
 Process Material: RESIDUAL FUEL (#4, #5 AND/OR #6 FUEL OIL)  
 Parameter Monitored: SULFUR CONTENT  
 Upper Permit Limit: 0.0015 percent by weight  
 Monitoring Frequency: PER DELIVERY  
 Averaging Method: MAXIMUM - NOT TO BE EXCEEDED AT ANY

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TIME (INSTANTANEOUS/DISCRETE OR GRAB)  
Reporting Requirements: ANNUALLY (CALENDAR)  
Reports due 30 days after the reporting period.  
The initial report is due 1/30/2024.  
Subsequent reports are due every 12 calendar month(s).

**Condition 2-7: Compliance Demonstration**  
**Effective between the dates of 03/01/2023 and 11/05/2030**

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

**Item 2-7.1:**

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

Emission Unit: U-00002  
Process: A06

Emission Unit: U-00002  
Process: A07

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

**Item 2-7.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The owner or operator of a stationary combustion installation shall submit a compliance test protocol to the Department for approval at least 30 days prior to conducting compliance testing of the 0.1 lb/mmBtu particulate matter standard. The owner or operator shall submit the results to the Department for approval within 60 days of the conclusion of compliance testing. Testing shall be conducted once every ten years. All records associated with the testing shall be maintained on site or at a Department approved alternative location for a minimum of ten years.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.1 pounds per million Btus

Reference Test Method: 40 CFR 60, Appendix A, Method 5

Monitoring Frequency: ONCE EVERY TEN YEARS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 10: Applicability**  
**Effective between the dates of 11/06/2020 and 11/05/2030**

**Applicable Federal Requirement:40CFR 63, Subpart JJJJJ**





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testing, and temperature records will be used to calculate an annual overall degree of air-cleaning from process A11, rolled monthly.

The outlet temperature from oxidizer RT001 will maintained within 25 degrees F of the most recent approved stack test (1550 defgrees F, 02/16/2017) showing compliance with the degree of air cleaning requirement. The temperature will be continuously moitored and recorded at all times when the process is operating.

At all times, the facility owner or operator must operate and maintain all process emission sources, including the associated air pollution control and monitoring equipment, in a manner consistent with safe, good air pollution control practices, good engineering practices and manufacturers' recommendations for minimizing emissions.

Any instances where the 1-hour average outlet temperature is below the required minimum will be reported on the annual report, except for planned preventative maintenance described in below in this condition. These low T events will be recorded as zero percent control for emissions calculations purposes.

On a semi-annual basis, oxidizer RT001 may be brought off-line for cooling and preventative maintenance. This PM event shall not last more than 48 hours. Emission sources in process A11 are permitted to operate at normal production levels, however, efforts will be made to schedule the PM when the process sources may be off-line or at lower emissions rates. Emissions during these PM events will be included in the facilty's VOC totals.

Uncontrolled emissions of Isopropyl alcohol do not exceed the Short-term guideline concentration found in DAR-1. Anuual emissions, limited by facility VOC cap and 90% control requirements, do not exceed the annual guideline concentration found ini DAR-1.

Records, including but not limited to temperature, emissions calculations, preventative maintenance events, deviations and corrective actions will be kept on-site. A summary of these records will be included in the annual compliance monitoring report.

Parameter Monitored: TEMPERATURE  
Lower Permit Limit: 1525 degrees Fahrenheit  
Monitoring Frequency: CONTINUOUS  
Averaging Method: 1-HOUR AVERAGE

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Reporting Requirements: ANNUALLY (CALENDAR)  
 Reports due 30 days after the reporting period.  
 The initial report is due 1/30/2024.  
 Subsequent reports are due every 12 calendar month(s).

**Condition 2-9: Compliance Demonstration**  
**Effective between the dates of 03/01/2023 and 11/05/2030**

**Applicable Federal Requirement: 6 NYCRR 212-2.3 (b)**

**Item 2-9.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00001  
 Process: A11 Emission Source: RT001

Regulated Contaminant(s):  
 CAS No: 000067-63-0 ISOPROPYL ALCOHOL

**Item 2-9.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The facility owner or operator shall not allow emissions of an air contaminant to violate the requirements specified in Table 4 – Degree of Air Cleaning Required for Non-Criteria Air Contaminants under 6 NYCRR Part 212-2.3, as applicable, for the environmental rating assigned to the contaminant by the department.

The Emission Rate Potential of Isopropyl alcohol from process A11 is 47 pounds per hour. The degree of air cleaning for this contaminant, rated B, is 90% per Table 4. Previous emissions testing on 02/16/2017 has confirmed compliance with this requirement.

An emissions retest will be required once during the term of this permit to confirm on-going compliance with the 90% control requirement. This test shall be conducted within 10 years of the previous test, or by 02/16/2027.

The average percent reduction of isopropyl alcohol from the most recent approved emissions testing will be used in VOC emissions calculations.

Upper Permit Limit: 4.7 pounds per hour

Reference Test Method: Method TBD

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Permit ID: 8-2614-00136/00139

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**Condition 2-10: Compliance Demonstration**

Effective between the dates of 03/01/2023 and 11/05/2030

**Applicable Federal Requirement: 6 NYCRR 212-2.3 (b)**

**Item 2-10.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00001

Process: A12

Emission Source: RT002

Regulated Contaminant(s):

CAS No: 000067-63-0 ISOPROPYL ALCOHOL

**Item 2-10.2:**

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

The facility owner or operator shall not allow emissions of an air contaminant to violate the requirements specified in Table 4 – Degree of Air Cleaning Required for Non-Criteria Air Contaminants under 6 NYCRR Part 212-2.3, as applicable, for the environmental rating assigned to the contaminant by the department.

The Emission Rate Potential of Isopropyl alcohol from process A12 is 16 pounds per hour. The degree of air cleaning for this contaminant, rated B, is 90% per Table 4. Isopropyl alcohol emissions from production records, emission factors from the most recent approved emissions testing, and temperature records will be used to calculate an annual overall degree of air-cleaning from process A12, rolled monthly.

The outlet temperature from oxidizer RT002 will maintained within 25 degrees F of the most recent approved stack test (1550 degrees F, 07/24/2018) showing compliance with the degree of air cleaning requirement. The temperature will be continuously monitored and recorded at all times when the process is operating.

At all times, the facility owner or operator must operate and maintain all process emission sources, including the associated air pollution control and monitoring equipment, in a manner consistent with safe, good air pollution control practices, good engineering practices and manufacturers’ recommendations for minimizing emissions.



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**Item 2-11.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The facility owner or operator shall not allow emissions of an air contaminant to violate the requirements specified in Table 4 – Degree of Air Cleaning Required for Non-Criteria Air Contaminants under 6 NYCRR Part 212-2.3, as applicable, for the environmental rating assigned to the contaminant by the department.

The Emission Rate Potential of Isopropyl alcohol from process A12 is 16 pounds per hour. The degree of air cleaning for this contaminant, rated B, is 90% per Table 4. Previous emissions testing on 07/24/2018 has confirmed compliance with this requirement.

An emissions retest will be required once during the term of this permit to confirm on-going compliance with the 90% control requirement. This test shall be conducted within 10 years of the previous test, or by 07/24/2028.

The average percent reduction of isopropyl alcohol from the most recent approved emissions testing will be used in VOC emissions calculations.

Upper Permit Limit: 1.6 pounds per hour

Reference Test Method: Method TBD

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 2-12: Compliance Demonstration**

**Effective between the dates of 03/01/2023 and 11/05/2030**

**Applicable Federal Requirement:6 NYCRR 212-1.6 (a)**

**Item 2-12.1:**

The Compliance Demonstration activity will be performed for the facility:

The Compliance Demonstration applies to:

Emission Unit: U-00001  
Process: A11

Emission Point: G0704

Emission Unit: U-00001  
Process: A12

Emission Point: G0705

**Item 2-12.2:**

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

No person shall 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. The Department reserves the right to perform or require the performance of an EPA Reference Test Method 9 opacity evaluation at any time during facility operation.

The facility owner or operator shall conduct a visible emissions observation of all emission points specified by this condition once per day while the process is in operation. The facility owner or operator will investigate, in a timely manner, any instance where there is cause to believe that visible emissions have the potential to exceed the opacity standard specified below.

The facility owner or operator shall investigate the cause, make any necessary corrections, and verify that the excess visible emissions problem has been corrected. If visible emissions with the potential to exceed the limit specified (except the emission of uncombined water) are observed for three consecutive operating days from the same emission point, the facility owner or operator will notify the Department of the observations within one business day. The facility owner or operator will also perform an EPA Reference Test Method 9 opacity evaluation analysis of the affected emission point and submit the results to the Department.

Daily records of the visible emissions observations, any follow-up Method 9 observations, investigations, and corrective actions taken are to be maintained on site for a period of at least five years from the date of the record. Such records shall include the date and time of each observation, weather conditions, results of the observation, corrective actions taken, and explanations for days when weather conditions were prohibitive.

All records kept pursuant to this condition must be provided to the Department upon request.

Parameter Monitored: OPACITY  
Upper Permit Limit: 20 percent  
Reference Test Method: EPA Reference Test Method 9  
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION  
Averaging Method: 6-MINUTE AVERAGE (METHOD 9)  
Reporting Requirements: ANNUALLY (CALENDAR)

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Facility DEC ID: 8261400136

Reports due 30 days after the reporting period.  
The initial report is due 1/30/2024.  
Subsequent reports are due every 12 calendar month(s).

**Condition 13: Compliance Demonstration**  
**Effective between the dates of 11/06/2020 and 11/05/2030**

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

**Item 13.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00002  
Process: A06

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

**Item 13.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

No person shall operate a stationary combustion installation which exhibits greater than 20 percent opacity (six minute average), except for one(1) six-minute period per hour of not more than 27 percent opacity.

The Department reserves the right to perform or require the performance of a Method 9 opacity evaluation at any time during facility operation.

The owner and/or operator will investigate, in a timely manner, any instance where there is cause to believe that visible emissions have the potential to exceed the opacity standard.

The owner and/or operator shall investigate the cause, make any necessary corrections, and verify that the excess visible emissions problem has been corrected. If visible emissions with the potential to exceed the standard continue, the permittee will conduct a Method 9 assessment within the next operating day of the sources associated with the potential noncompliance to determine the degree of opacity and will notify the NYSDEC if the method 9 test indicates that the opacity standard is not met.

Records of visible emissions observations (or any follow-up method 9 tests), investigations and corrective actions will be kept on-site. Should the Department determine that permittee's record keeping format is inadequate to demonstrate compliance with this condition, it shall provide written notice to the permittee stating

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the inadequacies, and permittee shall have 90 days to revise its prospective record keeping format in a manner acceptable to the Department.

The owner and/or operator will certify to compliance with this limit annually.

Parameter Monitored: OPACITY  
 Upper Permit Limit: 20 percent  
 Reference Test Method: Method 9  
 Monitoring Frequency: DAILY  
 Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED  
 Reporting Requirements: ANNUALLY (CALENDAR)  
 Reports due 30 days after the reporting period.  
 The initial report is due 1/30/2021.  
 Subsequent reports are due every 12 calendar month(s).

**Condition 14: Compliance Demonstration**  
**Effective between the dates of 11/06/2020 and 11/05/2030**

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

**Item 14.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00002  
 Process: A07

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

**Item 14.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

No person shall operate a stationary combustion installation which exhibits greater than 20 percent opacity (six minute average), except for one(1) six-minute period per hour of not more than 27 percent opacity.

The Department reserves the right to perform or require the performance of a Method 9 opacity evaluation at any time during facility operation.

The owner and/or operator will conduct Method 9 visible emissions observations from the oil firing process daily while the process is in operation, commencing one day after a fuel switch to #6 fuel oil. A fuel switch is when the owner and/or operator has switched to #6 fuel oil by choice; periods of natural gas supply interruption and firing fuel oil to test the boiler are excluded from



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applicability to this visible emissions testing requirement and are not considered a fuel switch.

The owner and/or operator will investigate, in a timely manner, any instance where there is cause to believe that visible emissions have the potential to exceed the opacity standard. The owner and/or operator shall investigate the cause, make any necessary corrections, and verify that the excess visible emissions problem has been corrected.

Records of visible emissions observations, investigations, and corrective actions will be kept on-site. Should the Department determine that permittee's record keeping format is inadequate to demonstrate compliance with this condition, it shall provide written notice to the permittee stating the inadequacies, and permittee shall have 90 days to revise its prospective record keeping format in a manner acceptable to the Department.

The owner and/or operator will certify to compliance with this limit annually.

Parameter Monitored: OPACITY  
Upper Permit Limit: 20 percent  
Reference Test Method: Method 9  
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION  
Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED  
Reporting Requirements: ANNUALLY (CALENDAR)  
Reports due 30 days after the reporting period.  
The initial report is due 1/30/2021.  
Subsequent reports are due every 12 calendar month(s).

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**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: Emergency Defense - 6 NYCRR 201-1.5**

An emergency, as defined in 6 NYCRR subpart 201-2, constitutes an affirmative defense to penalties sought in an enforcement action brought by the department for noncompliance with emissions limitations or permit conditions for all facilities in New York State.

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

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

(2) the equipment at the facility was being properly operated and maintained;

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

(4) the facility owner 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 any corrective actions taken.

(b) In any enforcement proceeding, the facility owner 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 malfunction provision contained in any applicable requirement.

**Item B: 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

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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 C: **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 15: Contaminant List**

**Effective between the dates of 11/06/2020 and 11/05/2030**

**Applicable State Requirement: ECL 19-0301**

**Item 15.1:**

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

CAS No: 000067-63-0  
Name: ISOPROPYL ALCOHOL

CAS No: 007446-09-5  
Name: SULFUR DIOXIDE

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

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

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

**Condition 1-1: Malfunctions and Start-up/Shutdown Activities**  
**Effective between the dates of 08/10/2022 and 11/05/2030**

**Applicable State Requirement: 6 NYCRR 201-1.4**

**Item 1-1.1:**

(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 maintenance and start-up/shutdown activities when they are expected to result in an exceedance of any applicable emission standard, and shall submit a report of such activities to the department when required by a permit condition or upon request by the department. Such reports shall state whether an exceedance occurred and if it was unavoidable, include the time, frequency and duration of the exceedance, 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 monitoring and quarterly reporting requirements need not submit additional reports of exceedances to the department.

(c) In the event that air contaminant emissions exceed any applicable emission standard due to a malfunction, the facility owner or operator shall 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. In addition, the facility owner or operator shall compile and maintain a record of all malfunctions. Such records shall be maintained at the facility for a period of at least five years and must be made available to the department upon request. 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, the air contaminants emitted, and the resulting emission rates and/or opacity.

(d) The department may also require the facility 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.

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**Condition 17: Emission Unit Definition**

Effective between the dates of 11/06/2020 and 11/05/2030

**Applicable State Requirement:6 NYCRR Subpart 201-5**

**Item 17.1(From Mod 2):**

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

Emission Unit: U-00002

Emission Unit Description:

Site wide combustion sources including Boiler House operations combusting both natural gas and 36 fuel oil. Additionally, the Optics Center has miscellaneous exempt gas fired sources such as unit heaters, kitchen ovens, make-up air units, dehumidifiers, and reheat units.

Building(s): BH

**Condition 18: Renewal deadlines for state facility permits**

Effective between the dates of 11/06/2020 and 11/05/2030

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

**Item 18.1:**

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 19: CLCPA Applicability**

Effective between the dates of 11/06/2020 and 11/05/2030

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

**Item 19.1:**

Pursuant to The New York State Climate Leadership and Community Protection Act (CLCPA) and Article 75 of the Environmental Conservation Law, emission sources shall comply with regulations to be promulgated by the Department to ensure that by 2030 statewide greenhouse gas emissions are reduced by 40% of 1990 levels, and by 2050 statewide greenhouse gas emissions are reduced by 85% of 1990 levels.

**Condition 20: Compliance Demonstration**

Effective between the dates of 11/06/2020 and 11/05/2030

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

**Item 20.1:**

The Compliance Demonstration activity will be performed for the Facility.

**Item 20.2:**

Compliance Demonstration shall include the following monitoring:

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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 8  
 6274 East Avon-Lima Rd.  
 Avon, NY 14414

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2021.

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

**Condition 21: Air pollution prohibited**  
**Effective between the dates of 11/06/2020 and 11/05/2030**

**Applicable State Requirement:6 NYCRR 211.1**

**Item 21.1:**

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

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

**Condition 22: Emission Point Definition By Emission Unit**  
**Effective between the dates of 11/06/2020 and 11/05/2030**

**Applicable State Requirement:6 NYCRR Subpart 201-5**

**Item 22.1(From Mod 2):**

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

Emission Unit: U-00001

Emission Point: G0407

Height (ft.): 41 Diameter (in.): 18  
 NYTMN (km.): 4783.979 NYTME (km.): 290.914 Building: OC

Emission Point: G0412

Height (ft.): 13 Diameter (in.): 10

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NYTMN (km.): 4783.979	NYTME (km.): 290.914	Building: OC
Emission Point: G0413		
Height (ft.): 13	Diameter (in.): 16	
NYTMN (km.): 4783.979	NYTME (km.): 290.914	Building: OC
Emission Point: G0414		
Height (ft.): 13	Diameter (in.): 16	
NYTMN (km.): 4783.979	NYTME (km.): 290.914	Building: OC
Emission Point: G0603		
Height (ft.): 32	Diameter (in.): 12	
NYTMN (km.): 4783.979	NYTME (km.): 290.914	Building: OC
Emission Point: G0702		
Height (ft.): 32	Diameter (in.): 22	
NYTMN (km.): 4783.979	NYTME (km.): 290.914	Building: OC
Emission Point: G0703		
Height (ft.): 32	Diameter (in.): 22	
NYTMN (km.): 4783.979	NYTME (km.): 290.914	Building: OC
Emission Point: G0704		
Height (ft.): 45	Diameter (in.): 18	
NYTMN (km.): 4783.979	NYTME (km.): 290.914	Building: OC
Emission Point: G0705		
Height (ft.): 45	Diameter (in.): 18	
NYTMN (km.): 4783.979	NYTME (km.): 290.914	Building: OC
Emission Point: G1518		
Height (ft.): 31	Diameter (in.): 18	
NYTMN (km.): 4783.979	NYTME (km.): 290.914	Building: OC
Emission Point: G1519		
Height (ft.): 31	Diameter (in.): 14	
NYTMN (km.): 4783.979	NYTME (km.): 290.914	Building: OC
Emission Point: G1903		
Height (ft.): 32	Diameter (in.): 12	
NYTMN (km.): 4783.979	NYTME (km.): 290.914	Building: OC
Emission Point: G1904		
Height (ft.): 32	Diameter (in.): 10	
NYTMN (km.): 4783.979	NYTME (km.): 290.914	Building: OC
Emission Point: G3101		
Height (ft.): 32	Diameter (in.): 12	
NYTMN (km.): 4783.979	NYTME (km.): 290.914	Building: OC
Emission Point: G0601		
Height (ft.): 25	Diameter (in.): 3	

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NYTMN (km.): 4783.979 NYTME (km.): 290.914 Building: OC

**Item 22.2(From Mod 1):**

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

Emission Unit: U-00002

Emission Point: 00001

Height (ft.): 100

Diameter (in.): 120

NYTMN (km.): 4783.979 NYTME (km.): 290.914 Building: BH

**Condition 23: Process Definition By Emission Unit**

**Effective between the dates of 11/06/2020 and 11/05/2030**

**Applicable State Requirement:6 NYCRR Subpart 201-5**

**Item 23.1(From Mod 2):**

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

Emission Unit: U-00001

Process: A01

Source Classification Code: 3-08-006-99

Emission Source/Control: S0001 - Process

Emission Source/Control: S0002 - Process

Emission Source/Control: S0003 - Process

Emission Source/Control: S0004 - Process

Emission Source/Control: S0005 - Process

**Item 23.2(From Mod 2):**

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

Emission Unit: U-00001

Process: A02

Source Classification Code: 3-08-006-99

Emission Source/Control: S0008 - Process

**Item 23.3(From Mod 2):**

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

Emission Unit: U-00001

Process: A05

Source Classification Code: 3-09-010-01

Emission Source/Control: S0018 - Process

Emission Source/Control: S0019 - Process

Emission Source/Control: S0020 - Process



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Emission Source/Control: S0021 - Process

**Item 23.4(From Mod 2):**

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

Emission Unit: U-00001

Process: A09

Source Classification Code: 3-08-006-99

Emission Source/Control: S0029 - Process

Emission Source/Control: S0030 - Process

Emission Source/Control: S0031 - Process

**Item 23.5(From Mod 2):**

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

Emission Unit: U-00001

Process: A11

Source Classification Code: 3-08-006-99

Emission Source/Control: RT001 - Control

Control Type: THERMAL OXIDATION

Emission Source/Control: S0033 - Process

Emission Source/Control: S0034 - Process

Emission Source/Control: S0035 - Process

Emission Source/Control: S0036 - Process

**Item 23.6(From Mod 2):**

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

Emission Unit: U-00001

Process: A12

Source Classification Code: 3-08-006-99

Emission Source/Control: RT002 - Control

Control Type: THERMAL OXIDATION

Emission Source/Control: S0037 - Process

Emission Source/Control: S0038 - Process

**Item 23.7(From Mod 2):**

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

Emission Unit: U-00001

Process: A13

Source Classification Code: 4-07-008-13

Process Description: Isopropyl Alcohol (IPA) tank venting

Emission Source/Control: S0039 - Process

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Design Capacity: 10,000 gallons

Emission Source/Control: S0040 - Process  
Design Capacity: 10,000 gallons

Emission Source/Control: S0041 - Process  
Design Capacity: 6,000 gallons

Emission Source/Control: S0042 - Process  
Design Capacity: 12,600 gallons

Emission Source/Control: S0043 - Process  
Design Capacity: 6,900 gallons

Emission Source/Control: S0044 - Process  
Design Capacity: 9,600 gallons

Emission Source/Control: S0045 - Process  
Design Capacity: 12,600 gallons

**Item 23.8(From Mod 2):**

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

Emission Unit: U-00002  
Process: A06 Source Classification Code: 1-02-004-02  
Process Description: Combustion of #6 fuel oil in the boilers

Emission Source/Control: S0013 - Combustion

Emission Source/Control: S0014 - Combustion

Emission Source/Control: S0015 - Combustion

**Item 23.9(From Mod 2):**

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

Emission Unit: U-00002  
Process: A07 Source Classification Code: 1-02-006-02  
Process Description:  
Combustion of natural gas in the facility boilers and  
across the site in various exempt sources.

Emission Source/Control: S0013 - Combustion

Emission Source/Control: S0014 - Combustion

Emission Source/Control: S0015 - Combustion

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