



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

**IDENTIFICATION INFORMATION**

Permit Type: Air State Facility  
Permit ID: 1-4734-00227/02001  
Effective Date: 02/12/2019 Expiration Date: 02/11/2029

Permit Issued To: PALL CORPORATION  
25 HARBOR PARK DR  
PORT WASHINGTON, NY 11050-4664

Contact: SANDA NUSZER  
PALL RAI MANUFACTURING  
225 MARCUS BLVD  
HAUPPAUGE, NY 11788  
(631) 478-6292

Facility: PALL CORPORATION  
225 MARCUS BLVD  
HAUPPAUGE, NY 11788-3799

**Description:**

This is a renewal of the State Facility Permit. The Pall RAI facility manufactures proprietary filters and membranes for a variety of applications. Facility processes include trickle washing, filtering, drying, fluorodyne impregnation, and e-beam. Exhaust control systems include an evaporator and a thermal oxidizer, and VOC emissions remain capped at 23.5 tons per year.

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: KEVIN A KISPERT  
SUNY @ STONY BROOK  
50 CIRCLE RD  
STONY BROOK, NY 11790

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



**Notification of Other State Permittee Obligations**

**Item A: Permittee Accepts Legal Responsibility and Agrees to Indemnification**

The permittee expressly agrees to indemnify and hold harmless the Department of Environmental Conservation of the State of New York, its representatives, employees and agents ("DEC") for all claims, suits, actions, and damages, to the extent attributable to the permittee's acts or omissions in connection with the compliance permittee's undertaking of activities in connection with, or operation and maintenance of, the facility or facilities authorized by the permit whether in compliance or not in any compliance with the terms and conditions of the permit. This indemnification does not extend to any claims, suits, actions, or damages to the extent attributable to DEC's own negligent or intentional acts or omissions, or to any claims, suits, or actions naming the DEC and arising under article 78 of the New York Civil Practice Laws and Rules or any citizen suit or civil rights provision under federal or state laws.

**Item B: Permittee's Contractors to Comply with Permit**

The permittee is responsible for informing its independent contractors, employees, agents and assigns of their responsibility to comply with this permit, including all special conditions while acting as the permittee's agent with respect to the permitted activities, and such persons shall be subject to the same sanctions for violations of the Environmental Conservation Law as those prescribed for the permittee.

**Item C: Permittee Responsible for Obtaining Other Required Permits**

The permittee is responsible for obtaining any other permits, approvals, lands, easements and rights-of-way that may be required to carry out the activities that are authorized by this permit.

**Item D: No Right to Trespass or Interfere with Riparian Rights**

This permit does not convey to the permittee any right to trespass upon the lands or interfere with the riparian rights of others in order to perform the permitted work nor does it authorize the impairment of any rights, title, or interest in real or personal property held or vested in a person not a party to the permit.



**LIST OF CONDITIONS**

**DEC GENERAL CONDITIONS**

**General Provisions**

- Facility Inspection by the Department
- Relationship of this Permit to Other Department Orders and Determinations
- Applications for permit renewals, modifications and transfers
- Permit modifications, suspensions or revocations by the Department

**Facility Level**

- Submission of application for permit modification or renewal -  
REGION 1 HEADQUARTERS



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

**Condition 1: Facility Inspection by the Department**

**Applicable State Requirement: ECL 19-0305**

**Item 1.1:**

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

**Item 1.2:**

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

**Item 1.3:**

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

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

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

**Item 2.1:**

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

**Condition 3: Applications for permit renewals, modifications and transfers**

**Applicable State Requirement: 6 NYCRR 621.11**

**Item 3.1:**

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

**Item 3.2:**

The permittee must submit a renewal application at least 180 days before 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.



**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 1 HEADQUARTERS**  
**Applicable State Requirement: 6 NYCRR 621.6 (a)**

**Item 5.1:**

Applications for permit modification or renewal are to be submitted to:

NYSDEC Regional Permit Administrator  
Region 1 Headquarters  
Division of Environmental Permits  
Stony Brook University  
50 Circle Road  
Stony Brook, NY 11790-3409  
(631) 444-0365

**New York State Department of Environmental Conservation**

Permit ID: 1-4734-00227/02001

Facility DEC ID: 1473400227



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

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

**IDENTIFICATION INFORMATION**

Permit Issued To: PALL CORPORATION  
25 HARBOR PARK DR  
PORT WASHINGTON, NY 11050-4664

Facility: PALL CORPORATION  
225 MARCUS BLVD  
HAUPPAUGE, NY 11788-3799

Authorized Activity By Standard Industrial Classification Code:  
3081 - UNSUPPORTED PLASTICS FILM AND SHEET  
3569 - GEN INDUSTRIAL MACHINERY, NEC  
3589 - SERVICE INDUSTRY MACHINERY NEC

Permit Effective Date: 02/12/2019

Permit Expiration Date: 02/11/2029



**LIST OF CONDITIONS**

**FEDERALLY ENFORCEABLE CONDITIONS**

**Facility Level**

- 1 6 NYCRR 201-6.4 (e): Compliance Demonstration
- 2 6 NYCRR 201-7.1: Facility Permissible Emissions
- \*3 6 NYCRR 201-7.1: Capping Monitoring Condition
- 4 6 NYCRR 211.2: Visible Emissions Limited

**Emission Unit Level**

**EU=1-PALLS,EP=00009**

- 5 6 NYCRR 212-1.7 (b) (1): Compliance Demonstration

**STATE ONLY ENFORCEABLE CONDITIONS**

**Facility Level**

- 6 ECL 19-0301: Contaminant List
- 7 6 NYCRR 201-1.4: Malfunctions and start-up/shutdown activities
- 8 6 NYCRR Subpart 201-5: Emission Unit Definition
- 9 6 NYCRR 201-5.2 (c): Renewal deadlines for state facility permits
- 10 6 NYCRR 201-5.3 (c): Compliance Demonstration
- 11 6 NYCRR 211.1: Air pollution prohibited
- 12 6 NYCRR 212-2.3 (b): Compliance Demonstration

**Emission Unit Level**

- 13 6 NYCRR Subpart 201-5: Emission Point Definition By Emission Unit
- 14 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,









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

**FEDERAL APPLICABLE REQUIREMENTS**

**The following conditions are federally enforceable.**

**Condition 1: Compliance Demonstration**  
**Effective between the dates of 02/12/2019 and 02/11/2029**

**Applicable Federal Requirement: 6 NYCRR 201-6.4 (e)**

**Item 1.1:**

The Compliance Demonstration activity will be performed for the Facility.

**Item 1.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Requirements for compliance certifications with terms and conditions contained in this facility permit include the following:

- i. Compliance certifications shall contain:
  - the identification of each term or condition of the permit that is the basis of the certification;
  - the compliance status;
  - whether compliance was continuous or intermittent;
  - the method(s) used for determining the compliance status of the facility, currently and over the reporting period consistent with the monitoring and related recordkeeping and reporting requirements of this permit;
  - such other facts as the Department may require to determine the compliance status of the facility as specified in any special permit terms or conditions;
  - and
  - such additional requirements as may be specified elsewhere in this permit related to compliance certification.
- ii. The responsible official must include in the annual certification report all terms and conditions contained in

**New York State Department of Environmental Conservation**

Permit ID: 1-4734-00227/02001

Facility DEC ID: 1473400227



this permit which are identified as being subject to certification, including emission limitations, standards, or work practices. That is, the provisions labeled herein as "Compliance Certification" are not the only provisions of this permit for which an annual certification is required.

iii. Compliance certifications shall be submitted annually. Certification reports are due 30 days after the anniversary date of four consecutive calendar quarters. The first report is due 30 days after the calendar quarter that occurs just prior to the permit anniversary date, unless another quarter has been acceptable by the Department.

iv. All annual compliance certifications may be submitted electronically or physically. Electronic reports shall be submitted using the Department's Air Compliance and Emissions Electronic-Reporting system (ACE). If the facility owner or operator elects to send physical copies instead, two copies shall be sent to the Department (one copy to the regional air pollution control engineer (RAPCE) in the regional office and one copy to the Bureau of Quality Assurance (BQA) in the DEC central office) and one copy shall be sent to the Administrator (or his or her representative). The mailing addresses for the above referenced persons are:

Chief – Air Compliance Branch  
USEPA Region 2 DECA/ACB  
290 Broadway, 21st Floor  
New York, NY 10007

The address for the RAPCE is as follows:

Regional Air Pollution Control Engineer  
NYSDEC- Region 1 Headquarters  
Stony Brook University  
50 Circle Road  
Stony Brook, NY 11790-3409

The address for the BQA is as follows:

NYSDEC  
Bureau of Quality Assurance  
625 Broadway  
Albany, NY 12233-3258

Monitoring Frequency: ANNUALLY  
Reporting Requirements: ANNUALLY (CALENDAR)  
Reports due 30 days after the reporting period.  
The initial report is due 1/30/2020.

**New York State Department of Environmental Conservation**

Permit ID: 1-4734-00227/02001

Facility DEC ID: 1473400227



Subsequent reports are due on the same day each year

**Condition 2: Facility Permissible Emissions**  
**Effective between the dates of 02/12/2019 and 02/11/2029**

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

**Item 2.1:**

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: 0NY998-00-0  
Name: VOC

PTE: 45,000 pounds per year

**Condition 3: Capping Monitoring Condition**  
**Effective between the dates of 02/12/2019 and 02/11/2029**

**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 Subpart 201-6

**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.



**New York State Department of Environmental Conservation**

Permit ID: 1-4734-00227/02001

Facility DEC ID: 1473400227



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 5: Compliance Demonstration**  
**Effective between the dates of 02/12/2019 and 02/11/2029**

**Applicable Federal Requirement: 6 NYCRR 212-1.7 (b) (1)**

**Item 5.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: 1-PALLS

Emission Point: 00009

**Item 5.2:**

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

Facility owners and/or operators of any emission source equipped with either a thermal or catalytic oxidizer, must install continuous monitors and data recorders and must monitor the exhaust gas temperature from thermal or catalytic oxidizer listed below prior to start-up of a new or modified process emission source(s).

Continuous monitors must be operated at all times when the associated emission control equipment is operating except during any quality assurance and routine maintenance activities. Each monitor must be operated according to a quality assurance program approved by the department. Alternative monitoring methods may be employed subject to department approval.

Parameter Monitored: TEMPERATURE

Lower Permit Limit: 1750 degrees Centigrade (or Celsius)

Monitoring Frequency: CONTINUOUS

Averaging Method: MINIMUM - NOT TO FALL BELOW STATED  
VALUE AT ANY TIME

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY



**STATE ONLY ENFORCEABLE CONDITIONS**

**\*\*\*\* Facility Level \*\*\*\***

**NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS**

**This section contains terms and conditions which are not federally enforceable. Permittees may also have other obligations under regulations of general applicability**

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

An emergency, as defined by 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 be demonstrated 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 permitted facility causing the emergency was at the time being properly operated and maintained;

(3) During the period of the emergency the facility owner 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 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 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 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 with 6 NYCRR Part 616 - Public Access to Records.





**New York State Department of Environmental Conservation**

Permit ID: 1-4734-00227/02001

Facility DEC ID: 1473400227



(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 8: Emission Unit Definition**  
**Effective between the dates of 02/12/2019 and 02/11/2029**

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

**Item 8.1:**

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

Emission Unit: 1-PALLS

Emission Unit Description:

Emission Unit consists of Pall life science facility.

Emission sources are associated with filter manufacturing.

Building(s): MAIN

**Condition 9: Renewal deadlines for state facility permits**

**New York State Department of Environmental Conservation**

Permit ID: 1-4734-00227/02001

Facility DEC ID: 1473400227



**Effective between the dates of 02/12/2019 and 02/11/2029**

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

**Item 9.1:**

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 10: Compliance Demonstration**

**Effective between the dates of 02/12/2019 and 02/11/2029**

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

**Item 10.1:**

The Compliance Demonstration activity will be performed for the Facility.

**Item 10.2:**

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 1  
SUNY at Stony Brook  
Building 40  
Stony Brook, NY 11790-2356

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 11: Air pollution prohibited**

**Effective between the dates of 02/12/2019 and 02/11/2029**

**Applicable State Requirement:6 NYCRR 211.1**

**Item 11.1:**

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 12: Compliance Demonstration**



Effective between the dates of 02/12/2019 and 02/11/2029

Applicable State Requirement:6 NYCRR 212-2.3 (b)

**Item 12.1:**

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

Emission Unit: 1-PALLS                      Emission Point: 00009  
Process: OXD

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

**Item 12.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The production processes at this facility emit tert-butyl alcohol (TBA) which is subject to regulation under 6 NYCRR Subpart 212-2.3(b). This contaminant has been assigned the following environmental rating by the Department:  
TERT-BUTYL ALCHOL – A

The emission rate potential for this contaminant is between 1 and 10 pounds per hour, so the facility owner or operator is required to demonstrate compliance with the short term and annual guideline concentrations specified in the Department's DAR-1 guidance document. An AERScreen model has indicated that the facility's emissions are in compliance with this requirement based on the data provided as part of this application. Accordingly, no further control of these emissions is required at this time.

The facility owner or operator shall maintain records indicating the monthly usage of all materials containing these compounds, and shall use that information to calculate rolling 12-month total actual emissions of each contaminant listed in this condition. Such records must be maintained on site for a period of at least five years, and must be made available to the Department upon request.

Part of the facility demonstrated compliance is an emission test conducted once per term of the permit. An A rated contaminant with an Emission Rate Potential (ERP) between 1-10 pounds per hour must have a degree of air cleaning rated at 99%. This test must ensure a 99% control efficiency of the oxidizer for the VOC emitted through

**New York State Department of Environmental Conservation**

Permit ID: 1-4734-00227/02001

Facility DEC ID: 1473400227



EP-0009.

Parameter Monitored: DESTRUCTION EFFICIENCY

Lower Permit Limit: 99 percent

Reference Test Method: EPA Approved Testing Method

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING

DESCRIPTION

Averaging Method: MINIMUM - NOT TO FALL BELOW STATED

VALUE - SEE MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

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

**Condition 13: Emission Point Definition By Emission Unit  
Effective between the dates of 02/12/2019 and 02/11/2029**

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

**Item 13.1:**

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

Emission Unit: 1-PALLS

Emission Point: 00001

Height (ft.): 21 Length (in.): 10 Width (in.): 7  
NYTMN (km.): 4518.923 NYTME (km.): 647.833 Building: MAIN

Emission Point: 00002

Height (ft.): 21 Length (in.): 13 Width (in.): 10  
NYTMN (km.): 4518.923 NYTME (km.): 647.833 Building: MAIN

Emission Point: 00009

Height (ft.): 28 Diameter (in.): 24  
NYTMN (km.): 4518.923 NYTME (km.): 647.833 Building: MAIN

Emission Point: 00010

Height (ft.): 20 Length (in.): 15 Width (in.): 11  
NYTMN (km.): 4518.923 NYTME (km.): 647.833 Building: MAIN

Emission Point: 00011

Height (ft.): 26 Length (in.): 13 Width (in.): 9  
NYTMN (km.): 4518.923 NYTME (km.): 647.833 Building: MAIN

Emission Point: 00012

Height (ft.): 22 Diameter (in.): 22  
NYTMN (km.): 4518.923 NYTME (km.): 647.833 Building: MAIN

Emission Point: 00013

Height (ft.): 21 Diameter (in.): 12  
NYTMN (km.): 4518.923 NYTME (km.): 647.833 Building: MAIN

**New York State Department of Environmental Conservation**

Permit ID: 1-4734-00227/02001

Facility DEC ID: 1473400227



Emission Point: 00014	Height (ft.): 21	Diameter (in.): 12	
NYTMN (km.): 4518.923	NYTME (km.): 647.833	Building: MAIN	
Emission Point: 00020	Height (ft.): 28	Diameter (in.): 8	
NYTMN (km.): 4518.923	NYTME (km.): 647.833	Building: MAIN	
Emission Point: 00021	Height (ft.): 30	Diameter (in.): 12	
NYTMN (km.): 4518.923	NYTME (km.): 647.833	Building: MAIN	
Emission Point: 00022	Height (ft.): 30	Diameter (in.): 12	
NYTMN (km.): 4518.923	NYTME (km.): 647.833	Building: MAIN	
Emission Point: 00023	Height (ft.): 30	Diameter (in.): 12	
NYTMN (km.): 4518.923	NYTME (km.): 647.833	Building: MAIN	
Emission Point: 00024	Height (ft.): 28	Diameter (in.): 18	
NYTMN (km.): 4518.923	NYTME (km.): 647.833	Building: MAIN	
Emission Point: 00030	Height (ft.): 26	Diameter (in.): 10	
NYTMN (km.): 4519.846	NYTME (km.): 647.905	Building: MAIN	
Emission Point: 00031	Height (ft.): 20	Diameter (in.): 8	
NYTMN (km.): 4519.846	NYTME (km.): 647.905	Building: MAIN	
Emission Point: 00033	Height (ft.): 30	Diameter (in.): 8	
NYTMN (km.): 4519.846	NYTME (km.): 647.905	Building: MAIN	
Emission Point: 00035	Height (ft.): 30	Diameter (in.): 12	
NYTMN (km.): 4519.846	NYTME (km.): 647.905	Building: MAIN	
Emission Point: 00036	Height (ft.): 24	Diameter (in.): 12	
NYTMN (km.): 4519.846	NYTME (km.): 647.905	Building: MAIN	
Emission Point: 00037	Height (ft.): 24	Diameter (in.): 12	
NYTMN (km.): 4519.846	NYTME (km.): 647.905	Building: MAIN	
Emission Point: 00048	Height (ft.): 19	Diameter (in.): 6	
NYTMN (km.): 4519.846	NYTME (km.): 647.905	Building: MAIN	

**New York State Department of Environmental Conservation**

Permit ID: 1-4734-00227/02001

Facility DEC ID: 1473400227



Emission Point: 00049  
Height (ft.): 19 Diameter (in.): 6  
NYTMN (km.): 4519.846 NYTME (km.): 647.905 Building: MAIN

Emission Point: 00050  
Height (ft.): 18 Diameter (in.): 14  
NYTMN (km.): 4519.846 NYTME (km.): 647.905 Building: MAIN

**Condition 14: Process Definition By Emission Unit  
Effective between the dates of 02/12/2019 and 02/11/2029**

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

**Item 14.1:**

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

Emission Unit: 1-PALLS  
Process: ELB Source Classification Code: 6-45-210-22  
Process Description: Electron beam process

Emission Source/Control: EBM20 - Process

Emission Source/Control: EBR22 - Process

Emission Source/Control: EBR23 - Process

Emission Source/Control: EBT30 - Process

Emission Source/Control: EBU21 - Process

**Item 14.2:**

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

Emission Unit: 1-PALLS  
Process: EVA Source Classification Code: 3-01-251-02  
Process Description: Wastewater evaporation

Emission Source/Control: EVA11 - Process

**Item 14.3:**

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

Emission Unit: 1-PALLS  
Process: FAC Source Classification Code: 3-99-999-99  
Process Description:

Other filter manufacturing processes that generate  
minimal air pollution

Emission Source/Control: AFD24 - Process

Emission Source/Control: BMF48 - Process

New York State Department of Environmental Conservation

Permit ID: 1-4734-00227/02001

Facility DEC ID: 1473400227



Emission Source/Control: BMF49 - Process

Emission Source/Control: BMF50 - Process

Emission Source/Control: BMT10 - Process

Emission Source/Control: CAH36 - Process

Emission Source/Control: CRR31 - Process

Emission Source/Control: FL112 - Process

Emission Source/Control: LQR33 - Process

Emission Source/Control: OCU37 - Process

Emission Source/Control: PXC35 - Process

**Item 14.4:**

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

Emission Unit: 1-PALLS

Process: IRR

Source Classification Code: 6-48-240-01

Process Description:

Irradiation using Co-60 within one the four irradiation vaults for the facility

Emission Source/Control: IRV01 - Process

Emission Source/Control: IRV02 - Process

Emission Source/Control: IRV13 - Process

Emission Source/Control: IRV14 - Process

**Item 14.5:**

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

Emission Unit: 1-PALLS

Process: OXD

Source Classification Code: 3-01-810-01

Process Description:

Thermal oxidation of tert-butyl alcohol and acrylate polymer vapors

Emission Source/Control: OX109 - Control

Control Type: THERMAL OXIDATION

Emission Source/Control: OXW-9 - Process