

*State of New Jersey*  
**Department of Environmental Protection**  
**Air Quality Permitting**

**General Permit (GP-020A)**

**For**

**Research and Development**

This General Permit allows for the construction, installation, reconstruction, modification, and operation of equipment used for research and development for the following source operations:

- Equipment that is used in a surface coating operation including, but not limited to, spray or dip painting, roller coating, and electrostatic depositing, in which the quantity of coating or cleaning material used in any one hour is equal to or greater than one half gallon of liquid; and/or
- Equipment in which the combined weight of all raw materials used exceeds 50 pounds in any one hour (excluding air, water, and containers, provided that the container is not consumed as part of the operation of the equipment; and also excluding the weight of paper, metal, or plastic that is twisted, bent, or folded in a way that does not cause visible emissions or air pollution).

Each facility may possess only one GP-020A at any time.

## **I. DEFINITIONS**

The terms used in this general permit shall have the same definitions as in N.J.A.C. 7:27 et seq. or as defined below:

**“Group I TXS”** means a Toxic Substance air contaminant that is included in the list of Group I TXS at N.J.A.C. 7:27-17.3.

**“Group II TXS”** means a Toxic Substance air contaminant that is included in the list of Group II TXS at N.J.A.C. 7:27-17.3.

**“Group III TXS”** means a Toxic Substance air contaminant that is included in the list of Group III TXS at N.J.A.C. 7:27-17.3

**“Hazardous Air Pollutant” or “HAP”** means an air contaminant listed in or pursuant to the current revisions of 42 U.S.C. §7412(b) and N.J.A.C. 7:27-17.9. <https://dep.nj.gov/wp-content/uploads/aqm/sub17.pdf>

**“Modify” or “modification”** means any physical change in, or change in the method of operation of, existing equipment or control apparatus that increases the amount of actual emissions of any air contaminant emitted by that equipment or control apparatus or that results in the emission of any air contaminant not previously emitted. This term shall not include normal repair and maintenance. Also, for the purposes of this definition, “air contaminant” shall have the meaning of “category of air contaminants” in a case where the regulatory limit is placed on a grouping of contaminants (such as VOCs) rather than on a single species of contaminant.

**“New Jersey Hazardous Air Pollutant” or “NJHAP”** means a substance listed at N.J.A.C. 7:27-17.3, Table 2.

**“Other Contaminants”** means any 112 (r) contaminant; any stratospheric ozone depleting substance, or any greenhouse gas except carbon dioxide (CO<sub>2</sub>).

**“Potential to emit”** means the same as that term is defined by the EPA at 40 CFR 70.2 or any subsequent amendments thereto. In general, the potential to emit is the maximum aggregate capacity of a source operation or of a facility to emit an air contaminant under its physical and operational design. Any physical or operational limitation on the capacity of a source operation or a facility to emit an air contaminant, including any limitation on fugitive emissions as a result of any applicable requirement, control apparatus, and restrictions on hours of operation or on the type or amount of material combusted, stored or processed, shall be treated as part of its design, if the limitation is Federally enforceable. Unless otherwise indicated, source-related fugitive emissions shall be included in the determination of potential to emit. However, the determination shall not include the holding by the owner or operator of emission reductions that are banked pursuant to N.J.A.C. 7:27-18.8.

**“Product days”** means the manufacture of any one product for commercial sale in any calendar day. For example, manufacturing three different products in one day is considered to be three product days. Manufacturing one product over a three-day period is also considered to be three product days.

**“Research and development facility”** means any facility the primary purpose of which is to conduct research and development into new processes and products, including academic and technological research and development, provided that such a facility is operated under the close supervision of technically trained personnel and is not engaged in the manufacture of products for commercial sale, except in a de minimis manner.

**“Source operation” or “source”** means any process, or any identifiable part thereof, that emits or can reasonably be anticipated to emit any air contaminant either directly or indirectly into the outdoor atmosphere. A source operation may include one or more pieces of equipment or control apparatus.

**“Surface coating operation”** means the application of one or more surface coating formulations uniformly across a surface, using one or more coating applicators, together with any associated drying or curing areas. A single surface coating operation ends after drying or curing and before other surface coating formulations are applied. For any web coating line, this term means an entire coating application system, including any associated drying ovens or areas between the supply roll and take-up roll, that is used to apply surface coating formulations onto a continuous strip or web. This term does not include any graphic arts operation.

**“Toll operations”** means facilities that produce formulas or products for many clients. The same formula or product may be produced many times or new materials may be manufactured on a regular basis. This term does not include operations that meet the definition of Research and Development (R&D) facility.

## **II. AUTHORITY**

This General Permit is issued under the authority of N.J.S.A. 26:2C-9.2. This General Permit allows for inspections and evaluations to assure conformance with all provisions of N.J.A.C. 7:27 et seq. An opportunity for public comment was provided on July 17, 2023.

### **III. APPLICABILITY**

This General Permit allows for the construction, installation, reconstruction, modification, and operation of equipment used for research and development for the following source operations:

- Equipment that is used in a surface coating operation including, but not limited to, spray or dip painting, roller coating, and electrostatic depositing, in which the quantity of coating or cleaning material used in any one hour is equal to or greater than one half gallon of liquid; and/or
- Equipment in which the combined weight of all raw materials used exceeds 50 pounds in any one hour (excluding air, water, and containers, provided that the container is not consumed as part of the operation of the equipment; and also excluding the weight of paper, metal, or plastic that is twisted, bent, or folded in a way that does not cause visible emissions or air pollution).

### **IV. EXCLUSIONS**

This General Permit cannot be used to register the following equipment:

1. Toll Operations not meeting the definition of Research and Development (R&D) Facility.
2. Surface coating operations using VOC coating formulations exceeding the applicable maximum allowable VOC content limit in N.J.A.C. 7:27-16.7, and other operations not complying with Subchapter 16 requirements.
3. Any combustion source (excluding combustion equipment that is used to control air pollution and is not of the type listed in N.J.A.C. 7:27-8.2(c)).
4. Source operation or equipment emitting quantifiable emissions of any compound listed in Table 1.
5. Source operation or equipment that will make the combined total for each criteria pollutant exceed the emission limits listed in Table 2 of this general permit.
6. Source operation exceeding more than 90 product days per calendar year;
7. Any equipment emitting NJHAP, HAP, and/or TXS (Group I, II, III or a combination thereof) at a rate greater than or equal to the reporting threshold specified in N.J.A.C. 7:27-17.9 with the exception specified in Section VI. Potential-to-Emit- Options.
8. Fumigations Operations.

**Table 1. Excluded Compounds**

<b>CAS Number</b>	<b>Excluded Compound</b>
309002	Aldrin
	Arsenic Compounds (excluding Arsine)
1332214	Asbestos
92875	Benzidine
542881	Bis(chloromethyl)ether
57749	Chlordane
	Coke oven emissions
50293	DDT
189640	Dibenzo(a,h)pyrene
189559	Dibenzo(a,i)pyrene
191300	Dibenzo(a,l)pyrene
60571	Dieldrin
	Diesel exhaust particulate
57976	Dimethylbenzanthracene (7,12-)
42397648	Dinitropyrene (1,6-)
	Dioxins and Furans <sup>a</sup>
151564	Ethyleneimine
76448	Heptachlor
	Hexavalent Chromium (Chromium VI)
	Lead
	Mercury
	Nickel
7496028	Nitrochrysene (6-)
62759	N-Nitrosodimethylamine
59892	N-Nitrosomorpholine
684935	N-Nitroso-N-methylurea
1336363	Polychlorinated biphenyls
	Radionuclides

<sup>a</sup> as defined in EPA-625/3-89/016, Interim Procedures for Estimating Risks Associated with Exposure to Mixtures of Chlorinated-p-Dioxins and Dibenzofurans

## V. GENERAL PROVISIONS

- All stipulated requirements contained within this General Permit are applicable only to operations that require a preconstruction permit and operating certificate pursuant to N.J.A.C. 7:27-8.2(c) 12 or 19.
- The facility must maintain a written procedure for determining general permit applicability for all operations. This procedure and its related information must be readily accessible to NJDEP inspectors. It is the responsibility of the owner or operator of a facility to determine whether its equipment or source operation is subject to the requirements of N.J.A.C. 7:27- 8.2(c) 12 or 19.
- For source operations whose primary function changes on an ongoing basis between manufacturing products for commercial use and research and development operations, the source operations may be considered part of a separate research and development facility only during the period of time when those source operations are being used for research and development purposes. Appropriate documentation shall be maintained at the facility to delineate when source operations are used for research and development purposes. If any research and development operation is treated separately for applicability purposes, the emissions or the potential to emit of the operation may be considered separately from the emissions or potential to emit of the remainder of the facility. If any research and development equipment is also used for other operations, the emissions from the equipment shall be calculated separately for each use of the equipment, such that only the emissions generated during research and development are included in the calculation of research and development emissions.
- Sources permitted under this General Permit may make changes to the Research and Development operation including addition, modification or deletion of equipment, control devices and emission points provided these changes do not result in an exceedance of the emission limits listed in Section VI. If the owner or operator changes equipment, control devices, or emission points, then the on-site inventory list must be updated and maintained on-site.
- A facility may possess only one GP-020A at a time; however, there is no limit to the number of pieces of equipment that may be included in the general permit, as long as the facility maintains on-site the list of the equipment and raw materials with associated amounts used.

## VI. POTENTIAL –TO - EMIT OPTIONS

The Potential to Emit (PTE) for the criteria pollutants and other contaminants regulated by GP-020A will be limited by the limit entered in Table 2 below, which is included on the General Permit Registration Form.

The PTE limit for the criteria pollutants for individual equipment are based on applicable regulatory requirements, which are listed in Section VIII of the Compliance Plan.

The individual TXS (Group I, II, III, or any combination thereof), NJHAPs and/or HAPs hourly and annual emissions of each piece of equipment covered under this general permit must be less than the reporting threshold specified in N.J.A.C. 7:27-17.9 (<https://dep.nj.gov/wp-content/uploads/aqm/sub17.pdf>), before, or after control, if applicable, except the following:

1. Only hourly emissions of Methylene Chloride and Methyl Chloroform, per source, may exceed the reporting threshold of 0.01 pounds per hour if the stack height is equal to or greater than 30 feet and the distance to property line is equal to or greater than 100 feet. In this case the hourly emissions of Methylene Chloride or Methyl Chloroform shall not exceed 0.1 pounds per hour.
2. Only hourly emissions of Benzene, Carbon Tetrachloride, Chloroform, 1,4 Dioxane, Ethylene Dibromide, Ethylene Dichloride, 1,1,2,2 Tetrachloroethane, and Tetrachloroethylene, per source, may exceed the reporting threshold of 0.01 pounds per hour if the stack height is equal to or greater than 30 feet and the distance to property line is equal to or greater than 1,000 feet. In this case the hourly emissions of Benzene, Carbon Tetrachloride, Chloroform, 1,4 Dioxane, Ethylene Dibromide, Ethylene Dichloride, 1,1,2,2 Tetrachloroethane, or Tetrachloroethylene shall not exceed 0.1 pounds per hour.

**Table 2. Emission Limits for GP-020A**

<b>AIR CONTAMINANTS</b>	<b>MAXIMUM ANNUAL EMISSIONS LIMIT (TONS PER YEAR)*</b>
<b>CO</b>	
<b>NO<sub>x</sub></b>	
<b>TSP</b>	
<b>PM-10</b>	
<b>PM-2.5</b>	
<b>SO<sub>2</sub></b>	
<b>VOC (Total)</b>	
<b>Other Contaminants (Must be specified in the registration)</b>	

\*Note: The total emissions for each pollutant in Table 2 shall be below than 5.0 tpy

## **VII. SUBMITTAL / CONTACT INFORMATION**

For assistance or contact information please go to one of the following resources:

1. Air Compliance and Enforcement at: <http://www.nj.gov/dep/enforcement/air.html>
2. Bureau of Stationary Sources at: <https://dep.nj.gov/boss>
3. Small Business Assistance Program at: <https://www.state.nj.us/dep/aqes/sbap/>



## VIII. FACILITY SPECIFIC REQUIREMENTS

### COMPLIANCE PLAN: RESEARCH AND DEVELOPMENT

Ref #	Applicable Requirement	Monitoring Requirement	Record keeping Requirement	Submittal/ Action
1.	<p>All conditions contained in the document “<a href="https://dep.nj.gov/boss/general-permits/gp-minor/">General Procedures</a> for General Permits” posted at the web page address, <a href="https://dep.nj.gov/boss/general-permits/gp-minor/">https://dep.nj.gov/boss/general-permits/gp-minor/</a> in addition to this Compliance Plan, shall also be subject to enforcement.</p> <p>[N.J.A.C. 7:27-8.13(a)]</p>	None.	None.	None.
2.	<p>This equipment shall not cause any air contaminant, including an air contaminant detectable by the sense of smell, to be present in the outdoor atmosphere in such quantity and duration which is, or tends to be, injurious to human health or welfare, animal or plant life or property, or would unreasonably interfere with the enjoyment of life or property, except in areas over which the owner or operator has exclusive use or occupancy.</p> <p>[N.J.A.C. 7:27-5]</p>	None.	None.	<p>Any operation of the equipment which may cause a release of air contaminants in a quantity or concentration which poses a potential threat to public health, welfare, or the environment or which might reasonably result in citizen complaints shall be reported by the Permittee as required by the Air Pollution Control Act. Such notification shall be made immediately by calling the Environmental Action Hotline at (877) 927-6337.</p> <p>[N.J.S.A. 26:2C-19(e)]</p>

3.	<p>Particulate Emissions: No person shall cause, suffer, allow, or permit particles to be emitted from any source operation through any stack or chimney into the outdoor air in excess of the maximum allowable emission rate as determined pursuant to N.J.A.C. 7:27-6.2(a).</p> <p>[N.J.A.C. 7:27-6.2(a)]</p>	<p>Particulate Emissions: Monitored by calculations each quarter based on a 1-hour block average. The Permittee shall calculate the worst-case particulate emissions for each source operation quarterly.</p> <p>[N.J.A.C. 7:27-8.13(d)]</p>	<p>Particulate Emissions: Recordkeeping by manually logging parameter. The Permittee shall record the particulate emissions for source operation quarterly.</p> <p>All records must be maintained on site for a minimum of 5 years and made readily available to the Department upon request.</p> <p>[N.J.A.C. 7:27-8.13(d)]</p>	<p>Notify by phone: Upon exceeding any emission limits, the Permittee shall notify the Department immediately of the event. Such notification shall be made by calling the Environmental Action Hotline at (877) 927-6337</p> <p>[N.J.A.C. 7:27-8.13(d)]</p>
4.	<p>The permittee shall ensure all pieces of Research and Development equipment included in this General Permit are easily identifiable by clear and conspicuous labeling. Facility identifiers (ex. R10 for Reactor 10) are acceptable provided they correlate to the on-site inventory required by this permit.</p> <p>[N.J.A.C. 7:27-8.13(a)]</p>	None.	None.	None.

5.	All equipment and control apparatus including all components connected or attached to these units must be functioning properly and must be operated and maintained in accordance with manufacturer's specifications if applicable and used in accordance with all conditions and provisions of this permit.  [N.J.A.C. 7:27-8.13(a)]	None.	Copies of the manufacturers' specifications (if applicable) of all equipment and control apparatus must be maintained on site for a minimum of 5 years and made readily available to the Department upon request.  [N.J.A.C. 7:27-8.13(d)]	None.
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6.	<p>No Visible Emissions, exclusive of visible condensed water vapor.</p> <p>[N.J.A.C 7:27-8.13(a)].</p>	<p>Opacity: Monitored by visual determination each month during operation. Conduct visual inspections during daylight hours to determine if the stack has visible emissions, other than condensed water vapor.</p> <p>[N.J.A.C. 7:27-8.13(d)]</p>	<p>Opacity: Recordkeeping by manually logging of parameter or storing data in a computer data system each month during operation. The Permittee shall maintain the following records:</p> <ul style="list-style-type: none"> <li>(1) Date and time of each observation;</li> <li>(2) Emission Point (PT) number;</li> <li>(3) Observed results and conclusions;</li> <li>(4) Description of corrective action taken if needed;</li> <li>(5) Date and time opacity problem was solved, if applicable;</li> <li>(6) Results of opacity reading in accordance with N.J.A.C. 7:27B-2 if conducted; and</li> <li>(7) Name of person(s) conducting observations.</li> </ul> <p>[N.J.A.C. 7:27-8.13(d)3]</p>	<p>If visible emissions are observed:</p> <ul style="list-style-type: none"> <li>(1) Verify the equipment and/or control device causing visible emissions is operating according to manufacturer's specifications. If it is not operating properly, take corrective action immediately to eliminate the excess emissions.</li> <li>(2) If the visible emissions problem is not corrected within 2 hours, a certified opacity reader shall perform an opacity observation, in accordance with N.J.A.C 7:27B-2 each day until the opacity problem is successfully corrected.</li> </ul> <p>[N.J.A.C. 7:27-8.13(d)4]</p>
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7.	Maximum No. of Billable Compliance Inspections <= 4 inspections. The equipment covered by this permit will be subject to inspection fees for the maximum periodic compliance inspections (as defined in N.J.A.C.7:27-8.1) over the life of the Certificate, after it receives final approval for a five-year duration. The Permittee will be invoiced for a service fee per inspection pursuant to N.J.A.C.7:27- 8.6 after the periodic compliance inspection is conducted.  [N.J.A.C.7:27-8.13(e)]	None.	None.	None.
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8.	<p>Emissions of all air contaminants shall be below all emission limits specified in Section VI and applicable regulatory emission limitations listed in Reference numbers 3, 14, 15, &amp; 16 of this General Permit. The individual TXS (Group I, II, III, or any combination thereof), NJ HAPs and/or HAPs <u>annual and hourly emissions</u> of each piece of equipment covered under this general permit must be less than the reporting threshold specified in N.J.A.C. 7:27-17.9 (<a href="https://dep.nj.gov/wp-content/uploads/aqm/sub17.pdf">https://dep.nj.gov/wp-content/uploads/aqm/sub17.pdf</a>), before, or after control, if applicable, except the following:</p> <ol style="list-style-type: none"> <li>1. <u>Only hourly emissions</u> of Methylene Chloride and Methyl Chloroform, per source, may exceed the reporting threshold of 0.01 pounds per hour if the stack height is equal to or greater than 30 feet and the distance to property line is equal to or greater than 100 feet. In this case the hourly emissions of Methylene Chloride or Methyl Chloroform shall not exceed 0.1 pounds per hour.</li> </ol>	<p>The Permittee shall calculate the hourly emissions quarterly using operating records and one of the following methods: Continuous emissions monitoring; predictive emissions monitoring; source emission testing; mass/material balance; AP-42 emission factor or other EPA approved emission estimation methodology, engineering calculations or manufacturer's specifications or estimates.</p> <p>[N.J.A.C. 7:27-8.13(d)]</p>	<p>Maintain emissions calculation records to verify that emissions of all air contaminants are below the hourly reporting thresholds specified in Section VI of this General Permit, including operating records, raw material list, and the method used to calculate actual emissions.</p> <p>All records must be maintained on site for a minimum of 5 years and made readily available to the Department upon request.</p> <p>[N.J.A.C. 7:27-8.13(d)]</p>	<p>Notify by phone: Upon exceeding any emission limits, the Permittee shall notify the Department immediately of the event. Such notification shall be made by calling the Environmental Action Hotline at (877) 927-6337</p> <p>[N.J.A.C. 7:27-8.13(d)]</p>
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	<p>2. <u>Only hourly emissions</u> of Benzene, Carbon Tetrachloride, Chloroform, 1,4 Dioxane, Ethylene Dibromide, Ethylene Dichloride, 1,1,2,2 Tetrachloroethane, and Tetrachloroethylene, per source, may exceed the reporting threshold of 0.01 pounds per hour if the stack height is equal to or greater than 30 feet and the distance to property line is equal to or greater than 1,000 feet. In this case the hourly emissions of Benzene, Carbon Tetrachloride, Chloroform, 1,4 Dioxane, Ethylene Dibromide, Ethylene Dichloride, 1,1,2,2 Tetrachloroethane, or Tetrachloroethylene shall not exceed 0.1 pounds per hour.</p> <p>N.J.A.C. 7:27-8.13(a)]</p>			
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9.	<p>Designate emission point(s) related to this GP on a plot plan. Provide the stack configuration and distance to the nearest property line relative to emission points to confirm the distance(s) and measurement(s) allowed in this GP.</p> <p>[N.J.A.C. 7:27-8.13(a)]</p>	None.	<p>Maintain the plot plan drawing reflecting the stack configuration of each emission point related to this GP and label the shortest distance from the property line to each emission point. The plot plan shall be maintained on-site and available for inspection.</p> <p>Include distances in feet.</p> <p>[N.J.A.C. 7:27-8.13(d)]</p>	None.
10.	<p>The Permittee shall determine whether an R&amp;D Operation is subject to the requirements of N.J.A.C. 7:27- 8.2(c) 12 or 19. The facility must maintain a written procedure for determining general permit applicability for all operations. This procedure, and its related information must be readily accessible to NJDEP inspectors upon request.</p> <p>[N.J.A.C. 7:27-8.13(a)]</p>	None.	<p>The permittee must have sufficient information available to enable facility personnel to demonstrate that any given R&amp;D operation is or is not subject to the requirements of this permit.</p> <p>All records must be maintained on site for a minimum of 5 years and made readily available to the Department upon request.</p> <p>[N.J.A.C. 7:27-8.13(d)]</p>	None.



11.	<p>Annual Report: The Permittee shall submit an annual report on Departmental forms to the Department on April 1 of every year summarizing compliance with this General Permit including:</p> <ol style="list-style-type: none"> <li>1. Certified statement of compliance with all emission limits in Section VI and any other regulatory limit including Reference numbers 3, 8, 14, 15, and 16.</li> <li>2. Summary of estimated actual annual emissions in a format approved by the Department.</li> <li>3. Number of product days (Reference number 13)</li> <li>4. Any instance of Non-compliance with any condition of this permit.</li> </ol> <p>[N.J.A.C. 7:27-8.13(a)]</p>	None.	<p>Annual Report: All supporting documentation for the annual report shall be maintained on-site including but not limited to: calculations used to determine emissions opacity observations and Coating Application System Transfer Efficiency calculations. All records must be readily accessible and be made available to the Department for a minimum of 5 years.</p> <p>[N.J.A.C. 7:27-8.13(d)]</p>	<p>Submit a Report: The Permittee shall submit an annual report for operations during the previous calendar year to the Department by April 1 of every year to the appropriate Regional Enforcement Office.</p> <p>[N.J.A.C. 7:27-8.13(d)]</p>
12.	<p>On-site Inventory: The Permittee shall maintain on-site a current inventory list of all equipment, control devices, and emission points registered under this General Permit.</p> <p>The on-site inventory list must be updated by the Permittee for changes to equipment, control devices, or emission points.</p> <p>[N.J.A.C. 7:27-8.13(a)]</p>	None.	<p>On-site Inventory: Recordkeeping by manually logging parameter upon the occurrence of event. The Permittee shall maintain on- site a current inventory list of all equipment, control devices, or emission points registered under this General Permit.</p> <p>If source operation changes</p>	None.

			<p>equipment, control devices, or emission points then the on-site inventory list must be updated.</p> <p>All records must be maintained on site for a minimum of 5 years and made readily available to the Department upon request.</p> <p>[N.J.A.C. 7:27-8.13(d)]</p>	
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13.	<p>Product Days must be less than or equal to 90 product days per calendar year.</p> <p>[N.J.A.C. 7:27-8.13(a)]</p>	<p>Product Days: Monitored by calculations at the conclusion of each experiment. The Permittee shall calculate the number of product days for each experiment using production records.</p> <p>[N.J.A.C. 7:27-8.13(d)]</p>	<p>Product Days: Recordkeeping by manually logging parameter after the conclusion of each experiment. The Permittee shall record the number of product days for each experiment.</p> <p>All records must be readily accessible and be made available to the Department for a minimum of 5 years.</p> <p>[N.J.A.C. 7:27-8.13(d)]</p>	<p>Submit a Report: The Permittee shall report annually the number of product days as part of the annual report submitted in reference number 11.</p> <p>[N.J.A.C. 7:27-8.13(d)]</p>
14.	<p>Coating Application System Transfer Efficiency <math>\geq 60\%</math>. No person shall cause, suffer, allow, or permit the application of a surface coating formulation which does not contain water deliberately added in a planned proportion unless a coating application system having a transfer efficiency of 60 percent or greater is used.</p> <p>[N.J.A.C. 7:27-16.7 (d)]</p>	<p>None.</p>	<p>None.</p>	<p>Notify by phone: Upon exceeding any emission limits, the Permittee shall notify the Department immediately of the event. Such notification shall be made by calling the Environmental Action Hotline at (877) 927-6337</p> <p>[N.J.A.C. 7:27-8.13(d)]</p>

15.	<p>Maximum Allowable VOC Content per Volume of Coating (Minus Water): The VOC content of any surface coating formulation as applied may not exceed the applicable maximum allowable VOC content if any, specified in Table 7A, 7B, 7C, or 7D of N.J.C.A.7:27-16.7.</p> <p>[N.J.A.C. 7:27-16.7 (c) 1]</p>	<p>Maximum Allowable VOC Content per Volume of Coating (Minus Water): Monitored by calculations once initially for each coating formulation applied.</p> <p>[N.J.A.C. 7:27-16.7 (m)]</p>	<p>Maximum Allowable VOC Content per Volume of Coating (Minus Water): Recordkeeping by manually logging parameter in accordance with N.J.A.C. 7:27-16.7 (m). The owner or operator of any surface coating operation applying only surface coating formulations which are subject to and conform with the applicable VOC content limit set forth in Table 7A, 7B, 7C, or 7D of N.J.A.C. 7:27-16.7 shall maintain records of the VOC content of each surface coating formulation (minus water) as applied, in pounds of VOC per gallon of coating or kilograms of VOC per liter of coating; the percent by weight of any exempt organic substance; and the daily volume of each surface coating formulation applied.</p> <p>All records must be maintained on site for a minimum of 5 years and made readily available to the Department upon request.</p> <p>[N.J.A.C. 7:27-16.7 (m)]</p>	<p>Notify by phone: Upon exceeding any emission limits, the Permittee shall notify the Department immediately of the event. Such notification shall be made by calling the Environmental Action Hotline at (877) 927-6337</p> <p>[N.J.A.C. 7:27-8.13(d)]</p>
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16.	<p>VOC (Total): No person shall cause, suffer, allow, or permit any VOC to be emitted into the outdoor atmosphere from any source operation subject to the provisions of N.J.A.C. 7:27-16.16 in excess of the maximum allowable emissions in N.J.A.C. 7:27-16 Table 16A as determined in accordance with the procedures listed at N.J.A.C. 7:27-16.16 (d) &amp; N.J.A.C. 7:27-16.16 (f) 2.</p> <p>[N.J.A.C. 7:27-16.16 (d) &amp; (f)2]</p>	<p>VOC (Total): Monitored by calculations pursuant to N.J.A.C. 7:27-16.16 (g)</p> <p>[N.J.A.C. 7:27-16.16 (g) 1]</p>	<p>VOC (Total): Recordkeeping by manually logging of parameter. The Permittee shall maintain records for each source operation pursuant to N.J.A.C. 7:27-16.16 (g).</p> <p>All records must be maintained on site for a minimum of 5 years and made readily available to the Department upon request.</p> <p>[N.J.A.C. 7:27-8.13(d)]</p>	<p>Notify by phone: Upon exceeding any emission limits, the Permittee shall notify the Department immediately of the event. Such notification shall be made by calling the Environmental Action Hotline at (877) 927-6337</p> <p>[N.J.A.C. 7:27-8.13(d)]</p>
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