

Facility DEC ID: 9146400048

PERMIT
Under the Environmental Conservation Law (ECL)

IDENTIFICATION INFORMATION

Permit Type: Air State Facility
Permit ID: 9-1464-00048/00124
Effective Date: 06/21/2021 Expiration Date: 06/20/2031

Permit Issued To: GENERAL MOTORS LLC
300 RENAISSANCE CENTER
DETROIT, MI 48265-3000

Contact: Luis Cervantes
2995 River Road
Buffalo, NY 14207
(248) 904-6430

Facility: TONAWANDA ENGINE PLANT-GENERAL MOTORS POWERTRAIN
2995 RIVER RD
BUFFALO, NY 14207-1099

Contact: GREGORY KULKA
TONAWANDA ENGINE PLANT-GENERAL MOTORS POWERTRAIN
2995 River Rd
Buffalo, NY 14207
(716) 879-5151

Description:

GM Powertrain – Tonawanda Engine Plant (GM) manufactures engines for automobiles and trucks through the wet machining of engine components, as well as engine assembly. Wet machining operations include milling, drilling, broaching, tapping, grinding, lathing, deburring, balancing, polishing, and other miscellaneous operations. Wet machining is a multi-step process that shapes and finishes metal parts and uses various fluids for cooling and lubrication during the machining operations. The fluid handling operation is managed through a centralized coolant system. This system filters and circulates the coolants to the appropriate equipment during machining operations. Both the machining process equipment and the centralized coolant system exhaust to mist eliminators. These operations are considered trivial emission sources under 6 NYCRR Part 201-3.3(c)(57) and do not require permitting.

GM has historically had a Title V permit due to the two natural gas fired engines for supplying non-contact cooling water and resulting in NOx emission above major source thresholds. GM has permanently decommissioned the two natural gas fired engines that supplied non-contact cooling water to the facility and has replaced them with electric pumps. This has resulted in a reduction of NOx emissions below the major source threshold, now allowing GM to obtain an Air State Facility permit, instead of a Title V

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permit. The natural gas fired engines were represented by Emission Unit U-00004 in the previous Title V Permit and have been removed from this permit.

GM is planning on installing a new machining line, referred to as Gen V HD Block Mod 7, and 5 new engine component washers. This new machining line will include the construction of additional wet machining processes, considered trivial emission sources under 6 NYCRR Part 201-3.3(c)(57), as well as four new engine component washers. A fifth engine component washer is being installed in the facility for a separate quality improvement project.

Since this application is for a new Air State Facility permit, the facility must be evaluated in accordance with the Climate Leadership and Community Protection Act (CLCPA). A CLCPA analysis must consider whether Greenhouse Gas (GHG) emissions are inconsistent with, or will interfere with, the attainment of the statewide GHG emission limits in Article 75 of the Environmental Conservation Law (ECL). These limits require a statewide reduction in GHG emissions from 1990 levels of 40% by 2030 and 85% by 2050. The removal of the two natural gas fired engines results in an overall reduction in actual GHG emissions of 214.1 metric tons per year and potential GHG emissions of 3,647 metric tons per year. In addition, the construction of the Gen V HD Block Mod 7 line will not result in an increase of GHG emissions since all of the equipment will be electric powered. This CLCPA analysis is consistent with the statewide requirement to reduce GHG emissions.

The machining processes at GM are not subject to 40 CFR Part 63, Subpart XXXXXX - National Emission Standards for Hazardous Air Pollutants Area Source Standards for Nine Metal Fabrication and Finishing Source Categories since GM is not primarily engaged in any of the 9 source categories listed in the regulation.

GM operates various emergency engines at its facility. The natural gas fired Cummins emergency generator and the two diesel fired emergency fire pumps are exempt from permitting under 6 NYCRR Part 201-3.2(c)(6), but are applicable to 40 CFR 63, Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines. GM Must follow all applicable sections of 40 CFR 63, Subpart ZZZZ. The natural gas fired Caterpillar emergency generator is exempt from permitting under 6 NYCRR Part 201-3.2(c)(6), but is applicable to 40 CFR 60, Subpart JJJJ - Standards of Performance for Stationary Spark Ignition Internal Combustion Engines. GM must follow all applicable sections of 40 CFR 60, Subpart JJJJ. As per 6 NYCRR Part 200.1(cq) all emergency engines must be operated for less than 500 hours annually to be defined as emergency power generating. GM must record and maintain records of the total hours of operation for each emergency engine.

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The facility operates various engine component washers, tooling service washers and metal pallet washers (Emission Unit U-00007) that are subject to 6 NYCRR Part 226-1 - Solvent Cleaning Processes. These washers meet the definition of cold cleaning degreasers and are required to use a cleaning solution with a VOC content of 25 g/L or less. These cold cleaning degreasers have shown compliance with the 25 g/L VOC content limit and GM must maintain records, on site, for the types of cleaning solutions used and the dilution calculations associated with them. GM also operates several maintenance parts washers and ultrasonic units that are exempt from permitting under 6 NYCRR Part 201-3.2 (c)(39)(i), but are still applicable to 6 NYCRR Part 226-1. These washers must follow all applicable sections of 6 NYCRR Part 226-1.

Two 10.5 million Btu/hr natural gas fired boilers are located in the facility (Emission Unit U-00005). These boilers run entirely on natural gas and do not use fuel oil for backup. The boilers are not subject to 40 CFR Part 60, Subpart Dc - Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units since they were constructed prior to June 6, 1989 and have not been reconstructed or modified since they were installed in the facility. The boilers are subject to 6 NYCRR Part 227-1 – Stationary Combustion Installations. Part 227-1 requires GM to perform annual tune-ups of the boilers and ensure that any emissions from the boilers do not exceed 20 percent opacity (six-minute average), except for one six-minute period per hour of not more than 27 percent opacity. GM is required to perform periodic visual observations of the boiler emission points, and record these observations, to ensure compliance with the opacity limit.

GM operates a Room Temperature Vulcanization (RTV) process that applies a bead of RTV sealant to engine parts to act as a gasket when the parts are assembled (Emission Unit U-00006). The RTV sealant is applied with a robotic applicator. The sealant cures at room temperature so there is no baking of the sealant. This process is subject to 6 NYCRR Part 228-2 - Commercial and Industrial Adhesives, Sealants and Primers and must use a sealant with a VOC content less than 420 g/L. The RTV sealant that GM uses has a VOC content of 36 g/l and GM must maintain records of the VOC content and monthly usage of the RTV sealant.

Currently, GM has no sources that are applicable to 6 NYCRR Part 212 – Process Operations. All of GM's sources are either exempt from permitting, combustion installations, subject to 6 NYCRR Part 228-2 or Subject to 6 NYCRR Part 226-1. The facility also does not emit any contaminants that have been assigned an A rating, as per 6 NYCRR Part 212-1.3 - Determination of environmental rating from any of its sources.

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: LISA M CZECHOWICZ
NYSDEC - REGION 9

Facility DEC ID: 9146400048

270 MICHIGAN AVE
BUFFALO, NY 14203-2915

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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- 7 3 Applications for permit renewals, modifications and transfers
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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 9 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 9 Headquarters
Division of Environmental Permits
270 Michigan Avenue
Buffalo, NY 14203-2915
(716) 851-7165

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ARTICLE 19: AIR POLLUTION CONTROL - AIR STATE FACILITY PERMIT

IDENTIFICATION INFORMATION

Permit Issued To: GENERAL MOTORS LLC
300 RENAISSANCE CENTER
DETROIT, MI 48265-3000

Facility: TONAWANDA ENGINE PLANT-GENERAL MOTORS POWERTRAIN
2995 RIVER RD
BUFFALO, NY 14207-1099

Authorized Activity By Standard Industrial Classification Code:
3714 - MOTOR VEHICLE PARTS & ACCESSORIES

Permit Effective Date: 06/21/2021

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EU=U-00005

- 10 5 6 NYCRR 227-1.3 (c): Compliance Demonstration

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- 11 6 6 NYCRR 228-2.4 (a): Compliance Demonstration
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EU=U-00007

- 15 9 6 NYCRR 226-1.3: Compliance Demonstration
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FEDERALLY ENFORCEABLE CONDITIONS

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

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procedures, inclusive of manufacturer's specifications, 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.

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- Item H: Proof of Eligibility for Sources Defined as Trivial Activities - 6 NYCRR 201-3.3 (a)**
The owner and/or operator of an emission source or unit that is listed as being trivial in 6 NYCRR Part 201 may be required to certify that it operates within the specific criteria described in 6 NYCRR Subpart 201-3. The owner or operator of any such emission source must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility which contains emission sources or units subject to 6 NYCRR Subpart 201-3, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations, or law.
- Item 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

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Clean Air Act brought by the United States or any person.

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

FEDERAL APPLICABLE REQUIREMENTS
The following conditions are federally enforceable.

Condition 1: Non Applicable requirements
Effective between the dates of 06/21/2021 and 06/20/2031

Applicable Federal Requirement: 6 NYCRR 201-6.4 (g)

Item 1.1:
 This section contains a summary of those requirements that have been specifically identified as being not applicable to this facility and/or emission units, emission points, processes and/or emission sources within this facility. The summary also includes a justification for classifying any such requirements as non-applicable.

6 NYCRR 226-1.7 (a) (1)
 Reason: GM Powertrain operates two Dunnage washers located at the facility, one located in Plant 1 and one located in Plant 5. The washers have 2 side-by-side conveyors to wash different components of reusable plastic packaging (dunnage) used with the plant to contain, unitize and create a “buffer” of machined engine components between the machining process and the engine assembly process. Dunnage must be periodically cleaned to maintain cleanliness standards for engine assembly. Each conveyor has a spray wash stage, followed by a heated blow-off stage. The washers are vented into the plant, through a mist eliminator device. The Dunnage washers are defined as conveyORIZED degreasers under 6 NYCRR Part 226-1.2(b)(2) and use a dilute cold cleaning solution to wash components.

GM Powertrain measured the the air-vapor interface of the Dunnage washers, witnessed by New York State Department of Environmental Conservation Staff. The combined geometric surface areas of the projected plane surfaces of the

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openings was measured to be less than 2.0 square meters making the Dunnage washers exempt from permitting under 6 NYCRR Part 201-3.2(c)(39)(ii) and exempt from Part 226 under 6 NYCRR Part 226-1.7(a)(2).

The definition of air-vapor interface is not located under 6 NYCRR Parts 200, 201, 212 or 226.

The OTC Model Rule for Solvent Degreasing 2012 (The basis for 6 NYCRR Part 226) defines the Air-vapor Interface Surface Area as: (1) the geometric surface area of the open-top of the degreaser for open-top vapor degreasers; or (2) the combined geometric surface areas of the projected plane surfaces of all degreaser openings for conveyORIZED vapor degreasers and conveyORIZED cold cleaners. NYS DEC accepts this definition for use with Part 226.

The openings for the Dunnage washers are lined with thick bristles by manufacturer design. The bristles range in length from 2 to 5 inches depending on the opening. The air vapor interface of the Dunnage washers excluding the bristles is over 2.0 square meters, therefore not exempt from Part 226. Since the projected planar surface of each bristle is extended to infinity the combined projected planar surface area of the bristles creates an effective solid surface according to the definition of the air-vapor interface surface area. Because of this, the projected planar surface of the bristles can not be included in the projected planar surface of the opening, therefore making the air-vapor interface surface area less than 2.0 square meters.

Condition 2: Visible Emissions Limited
Effective between the dates of 06/21/2021 and 06/20/2031

Applicable Federal Requirement:6 NYCRR 211.2

Item 2.1:

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

Condition 3: Compliance Demonstration
Effective between the dates of 06/21/2021 and 06/20/2031

Applicable Federal Requirement:6 NYCRR 226-2.1 (a)

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Item 3.1:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

Item 3.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

GM Powertrain performs probe cleaning with Isopropyl alcohol and floor cleaning with an aqueous based solution. The actual annual emissions from these cleaning methods are below the 3 tons per year, on a 12-month rolling total basis, threshold for applicability to 6 NYCRR Part 226-2.

GM Powertrain shall monitor the use of it's industrial cleaning solvents, on a monthly basis, to ensure that the 3 tons per year, on a 12-month rolling total basis, limit is not exceeded.

GM Powertrain shall retain a record of the quantity and type of industrial cleaning solvents used at the facility. This record must be maintained for a period of five years and be provided to the New York State Department of Environmental Conservation (NYS DEC) upon request.

An invoice, a bill of sale, a certificate covering multiple sales, a material safety data sheet, or other documentation suitable for establishing compliance, acceptable to the NYS DEC, may be used to comply with this requirement.

If emissions from industrial cleaning solvents exceed 3 tons per year on a rolling 12-month total basis, GM Powertrain shall notify the NYS DEC within 30 days.

On an annual basis, GM Powertrain shall provide the NYS DEC with a written summary of the above records for the VOC emissions, on a 12-month rolling total basis, from industrial cleaning solvents.

Parameter Monitored: VOC

Upper Permit Limit: 3 tons per year

Monitoring Frequency: MONTHLY

Averaging Method: 12-MONTH TOTAL, ROLLED MONTHLY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

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The initial report is due 1/30/2022.
 Subsequent reports are due every 12 calendar month(s).

Condition 4: Compliance Demonstration
Effective between the dates of 06/21/2021 and 06/20/2031

Applicable Federal Requirement: 6 NYCRR 227-1.4 (a)

Item 4.1:

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

Emission Unit: U-00005 Emission Point: E0111

Emission Unit: U-00005 Emission Point: E0112

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

Item 4.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

No owner or operator shall operate a stationary combustion installation which exhibits greater than 20 percent opacity (six-minute average), except for one six-minute period per hour of not more than 27 percent opacity. The New York State Department of Environmental Conservation (NYS DEC) reserves the right to perform or require the performance of a Method 9 opacity evaluation at any time during facility operation.

GM Powertrain shall conduct periodic visual observations of the boiler emission points during boiler operation, at a minimum of once every month. Normal operation of the boilers does not result in visible emissions from combustion of natural gas. If visible emissions (other than condensing moisture or steam) are observed for 2 consecutive calendar days, during any periodic observation, a Method 9 assessment shall be conducted within the next operating day of the sources associated with the potential noncompliance to determine the degree of opacity.

GM Powertrain shall investigate and make any necessary corrections, in a timely manner, for any instance where there are visible emissions other than condensing moisture or steam. GM Powertrain shall notify the NYS DEC if the method 9 test indicates that the opacity standard is not

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met.

Records of visible emissions observations (or any follow-up method 9 tests), investigations and corrective actions will be kept on-site in a bound logbook or an equivalent method, including electronic media. These records shall include the date, time, observer’s name, weather conditions and a description of the observations (steam, visible emissions, etc...). These records shall be kept on site for a period of 5 years from the date of the last entry. Should the NYS DEC determine that GM Powertrain’s record keeping format is inadequate to demonstrate compliance, it shall provide written notice stating the inadequacies, and GM Powertrain shall have 90 days to revise its prospective record keeping format in a manner acceptable to the Department.

On an annual basis, GM Powertrain shall provide the NYS DEC with a written summary or certification statement of the above records.

Parameter Monitored: OPACITY
 Upper Permit Limit: 20 percent
 Reference Test Method: METHOD 9
 Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
 Averaging Method: 6-MINUTE AVERAGE (METHOD 9)
 Reporting Requirements: ANNUALLY (CALENDAR)
 Reports due 30 days after the reporting period.
 The initial report is due 1/30/2022.
 Subsequent reports are due every 12 calendar month(s).

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

Condition 5: Compliance Demonstration
Effective between the dates of 06/21/2021 and 06/20/2031

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

Item 5.1:
 The Compliance Demonstration activity will be performed for:

Emission Unit: U-00005

Item 5.2:
 Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
 Monitoring Description:

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The owner or operator of a stationary combustion installation must perform an annual tune-up on each emission source subject to 6 NCYRR Subpart 227-1.

Records of the tune-up shall be maintained at the facility or at a New York State Department of Environmental Conservation (NYS DEC) approved alternative location for a minimum of five years. The records shall, at a minimum, include the date the tune-up(s) occurred and the details of the tune-up procedures for each emission source.

On an annual basis, GM Powertrain shall provide the NYS DEC with a written summary or certification statement of the annual tune-ups performed.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2022.

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

Condition 6: Compliance Demonstration
Effective between the dates of 06/21/2021 and 06/20/2031

Applicable Federal Requirement: 6 NYCRR 228-2.4 (a)

Item 6.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00006

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

Item 6.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

GM Powertrain - Tonawanda Engine Plant shall not use, apply, solicit, require the use of, specify the application of, sell, supply, offer for sale, or manufacture for sale in the State of New York any commercial or industrial adhesive, sealant, adhesive primer or sealant primer unless such adhesive, sealant, adhesive primer or sealant primer complies with the applicable VOC content limits specified in 6 NYCRR Part 228-2.4(a) Table 1.

Permit ID: 9-1464-00048/00124

Facility DEC ID: 9146400048

Currently, GM Powertrain operates a Room Temperature Vulcanization (RTV) sealant process that uses a sealant that has an approximate VOC content of 36 g/L, in compliance with the 420 g/L VOC content limit for other sealants under 6 NYCRR Part 228-2.4(a) Table 1.

GM Powertrain shall maintain records demonstrating compliance with the VOC content limits, including, but not limited to, the following information:

- (1) a list of each commercial and industrial adhesive, sealant, adhesive primer, sealant primer cleanup solvent and surface preparation solvent in use and in storage at the facility;
- (2) identification of each product by product name and description;
- (3) the VOC content of each product as supplied;
- (4) the mix ratio of any catalysts, reducers or other components used;
- (5) the final VOC content or vapor pressure, as applied; and
- (6) the monthly volume of each commercial or industrial adhesive, sealant, adhesive primer, sealant primer, cleanup or surface preparation solvent used at the facility.

All records shall be maintained on site for five years, from the date such record is created, and shall be made available to the New York State Department of Environmental Conservation (NYS DEC) within 90 days of a request.

On an annual basis, GM Powertrain shall provide the NYS DEC with a written summary or certification statement of the above records.

Parameter Monitored: VOC CONTENT

Upper Permit Limit: 420 grams per liter

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: MAXIMUM - NOT TO BE EXCEEDED AT ANY TIME (INSTANTANEOUS/DISCRETE OR GRAB)

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2022.

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

Condition 7: Compliance Demonstration
Effective between the dates of 06/21/2021 and 06/20/2031

Applicable Federal Requirement: 6 NYCRR 228-2.4 (b) (1)

Permit ID: 9-1464-00048/00124

Facility DEC ID: 9146400048

Item 7.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00006

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

Item 7.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

Any owner or operator of a commercial or industrial adhesive, sealant, adhesive primer or sealant primer process shall use or apply, solicit, require the use of or specify the application of any surface preparation solvent that has a VOC content of less than 70 g/L.

GM Powertrain currently uses a surface preparation solvent that is manually applied, making it exempt from permitting under 6 NYCRR Part 201-3.3(c)(96), however not exempt from 6 NYCRR Part 228-2. This surface preparation solvent has a VOC content of 33.7 g/L, in compliance with the 70 g/L VOC content limit for surface preparation solvents.

GM Powertrain shall maintain records demonstrating compliance with the VOC content limit, including, but not limited to, the following information:

- (1) a list of each surface preparation solvent in use and in storage at the facility;
- (2) identification of each product by product name and description;
- (3) the VOC content of each product as supplied;
- (4) the monthly volume of each clean-up solvent used at the facility.

All records shall be maintained on site for five years, from the date such record is created, and shall be made available to the New York State Department of Environmental Conservation (NYS DEC) within 90 days of a request.

If a surface preparation solvent is added, that is not exempt from permitting, to the RTV Sealant process GM Powertrain shall then provide, on an annual basis, the NYS DEC with a written summary or certification statement of the above records.

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Facility DEC ID: 9146400048

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: SOLVENT

Parameter Monitored: VOC CONTENT

Upper Permit Limit: 70 grams per liter

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Averaging Method: MAXIMUM - NOT TO BE EXCEEDED AT ANY
TIME (INSTANTANEOUS/DISCRETE OR GRAB)

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 8: Compliance Demonstration
Effective between the dates of 06/21/2021 and 06/20/2031

Applicable Federal Requirement: 6 NYCRR 228-2.4 (b) (3)

Item 8.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00006

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

Item 8.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC
OPERATIONS

Monitoring Description:

Any owner or operator of a commercial or industrial adhesive, sealant, adhesive primer or sealant primer process shall use or apply, solicit, require the use of or specify the application of any clean-up solvent that has a composite vapor pressure less than 45 mm Hg at 20 Degrees Celsius.

GM Powertrain does not currently use a clean-up solvent for the RTV sealant process. This condition is included to give the operational flexibility to add a clean-up solvent if needed.

If GM Powertrain adds a clean-up solvent to the RTV Sealant process it shall maintain records demonstrating compliance with the composite vapor pressure limit, including, but not limited to, the following information:

- (1) a list of each clean-up solvent in use and in storage at the facility;
- (2) identification of each product by product name and description;
- (3) the composite vapor pressure of each product as

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supplied;
(4) the final vapor pressure, as applied; and
(6) the monthly volume of each clean-up solvent used at the facility.

All records shall be maintained on site for five years, from the date such record is created, and shall be made available to the New York State Department of Environmental Conservation (NYS DEC) within 90 days of a request.

If a clean-up solvent is added to the RTV Sealant process GM Powertrain shall provide, on an annual basis, the NYS DEC with a written summary or certification statement of the above records.

Work Practice Type: PARAMETER OF PROCESS MATERIAL
Process Material: SOLVENT
Parameter Monitored: COMPOSITE VAPOR PRESSURE
Upper Permit Limit: 45 millimeters of mercury
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Averaging Method: MAXIMUM - NOT TO BE EXCEEDED AT ANY TIME (INSTANTANEOUS/DISCRETE OR GRAB)
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 9: Compliance Demonstration
Effective between the dates of 06/21/2021 and 06/20/2031

Applicable Federal Requirement: 6 NYCRR 226-1.3

Item 9.1:
The Compliance Demonstration activity will be performed for:

Emission Unit: U-00007

Item 9.2:
Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

Owners or operators conducting solvent cleaning processes must:

(a) store solvent in covered containers and transfer or dispose of waste solvent in such a manner that less than 20 percent of the waste solvent (by weight) can evaporate into the atmosphere;

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- (b) maintain equipment to minimize leaks and fugitive emissions;
- (c) display at the equipment location a conspicuous summary of proper operating procedures consistent with minimizing emissions of VOCs;
- (d) keep the degreaser cover closed except when parts are being placed into or being removed from the degreaser, the cover needs to be open in order to add or remove solvent from the degreaser, no solvent is in the degreaser, or manually cleaning parts in a cold cleaning degreaser;
- (e) create and maintain a record of solvent consumption for five years. This record must be retained for five years and made available to the department upon request.
- (f) not clean sponges, fabric, wood, leather, paper products and other absorbent materials in a degreaser; and
- (g) if using a cold cleaning degreaser that is subject to section 6 NYCRR Part 226-1.4(a)(4), retain a record of the following three items for five years and provide these records to the department upon request. An invoice, a bill of sale, a certificate covering multiple sales, manufacturers published information, or other appropriate documentation acceptable to the department may be used to comply with this requirement:
 - (1) the name and address of the solvent supplier;
 - (2) the type of solvent including the product or vendor identification number; and
 - (3) the VOC content of the cleaning solution in grams per liter (gm/l) or the vapor pressure of the solvent measured in mm Hg at 20°C (68°F) as appropriate to verify compliance.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2022.

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

Condition 10: Compliance Demonstration
Effective between the dates of 06/21/2021 and 06/20/2031

Applicable Federal Requirement: 6 NYCRR 226-1.4 (a)

Permit ID: 9-1464-00048/00124

Facility DEC ID: 9146400048

Item 10.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00007

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

Item 10.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

An owner or operator performing cold cleaning degreasing, where the internal volume of the machine is greater than two gallons, must use a degreaser that complies with the following:

- (1) A cover which can be operated easily.
- (2) An internal drainage facility (under cover), if practical.
- (3) A control system that limits VOC emissions to those achievable with equipment having a freeboard ratio greater than or equal to 0.5, or a water cover when the solvent is insoluble in and heavier than water. Remote reservoir degreasers are exempt from this requirement.
- (4) Use a cleaning solution with a maximum VOC content of 25 grams per liter at 20°C; prior to December 1, 2021, a cleaning solution with a vapor pressure of 1.0 mm Hg, or less, at 20°C may be used to demonstrate compliance. This paragraph does not apply to degreasers:
 - (i) used in special and extreme solvent cleaning;
 - (ii) for which the owner or operator has received department approval of a demonstration that compliance with the requirement of a cleaning solution with a maximum VOC content of 25 grams per liter at 20°C, or with a vapor pressure of 1.0 mm Hg, or less, at 20°C will result in unsafe operating conditions; or
 - (iii) that are located in a permanent total enclosure having control equipment that is designed and operated with an overall VOC removal efficiency of 90 percent or greater.

Any person performing cold cleaning degreasing shall allow

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the cleaned parts to be drained for at least 15 seconds or until dripping ceases.

GM Powertrain operates various washers throughout its facility that use cleaning solutions with a VOC content below 25 grams per liter.

GM Powertrain shall maintain records as per 6 NYCRR Part 226-1.3, as referenced in this permit under a separate condition, for a period of five years and on an annual basis provide the NYS DEC with a written summary or certification statement of the records.

Parameter Monitored: VOC CONTENT
 Upper Permit Limit: 25 grams per liter
 Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
 Averaging Method: MAXIMUM - NOT TO BE EXCEEDED AT ANY TIME (INSTANTANEOUS/DISCRETE OR GRAB)
 Reporting Requirements: ANNUALLY (CALENDAR)
 Reports due 30 days after the reporting period.
 The initial report is due 1/30/2022.
 Subsequent reports are due every 12 calendar month(s).

Condition 11: Compliance Demonstration
Effective between the dates of 06/21/2021 and 06/20/2031

Applicable Federal Requirement: 6 NYCRR 226-1.6

Item 11.1:
 The Compliance Demonstration activity will be performed for:

Emission Unit: U-00007

Item 11.2:
 Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
 Monitoring Description:

Where it can be demonstrated that a solvent cleaning process cannot be controlled to comply with 6 NYCRR 226-1.3, 226-1.4 and 226-1.5 for reasons of technological and economic infeasibility, the New York State Department of Environmental Conservation may accept a lesser degree of control upon submission of satisfactory evidence that the person engaging in solvent cleaning is applying reasonably available control technology (RACT) and has a plan to develop the technologies necessary to comply with the aforementioned sections. Process specific RACT demonstrations shall be submitted with the application for a title V or State facility permit or as a permit

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modification for existing sources under the provisions of
6 NYCRR Part 201.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

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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

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records available to the public upon request in accordance with 6 NYCRR Part 616 - Public Access to Records. Facility owners and/or operators must submit the records required to comply with the request within sixty working days of written notification by the Department.

Item 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 12: Contaminant List

Effective between the dates of 06/21/2021 and 06/20/2031

Applicable State Requirement: ECL 19-0301

Item 12.1:

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

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

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

Condition 13: Malfunctions and Start-up/Shutdown Activities

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Effective between the dates of 06/21/2021 and 06/20/2031

Applicable State Requirement:6 NYCRR 201-1.4**Item 13.1:**

(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.

Condition 14: Emission Unit Definition

Effective between the dates of 06/21/2021 and 06/20/2031

Applicable State Requirement:6 NYCRR Subpart 201-5**Item 14.1:**

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

Emission Unit: U-00005

Permit ID: 9-1464-00048/00124

Facility DEC ID: 9146400048

Emission Unit Description:

Two natural gas boilers each rated at 10.5 MMBtu/hr. The boilers are fueled by natural gas and do not use a fuel oil for backup fuel.

Building(s): PLANT 1
PLANT 5

Item 14.2:

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

Emission Unit: U-00006

Emission Unit Description:

RTV sealant operations. Three application stations are located in each Plant 1 and Plant 5. The stations exhaust inside each plant. A single emission point for Plant 1 is used to represent the open window above the RTV stations, where emissions will most likely escape the building. The closest general exhaust point in Plant 5 is used as the plant 5 RTV emission point, where emissions will most likely escape the building.

Building(s): PLANT 1
PLANT 5

Item 14.3:

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

Emission Unit: U-00007

Emission Unit Description:

Engine component washers, small tooling services washers and metal pallet washers subject to 6 NYCRR Part 226.

Building(s): PLANT 1
PLANT 5

Condition 15: Renewal deadlines for state facility permits
Effective between the dates of 06/21/2021 and 06/20/2031

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

Item 15.1:

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 16: Compliance Demonstration
Effective between the dates of 06/21/2021 and 06/20/2031

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

Item 16.1:

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Facility DEC ID: 9146400048

The Compliance Demonstration activity will be performed for the Facility.

Item 16.2:

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 9
270 Michigan Ave.
Buffalo, NY 14203

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2022.

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

Condition 17: Compliance Demonstration
Effective between the dates of 06/21/2021 and 06/20/2031

Applicable State Requirement: 6 NYCRR 201-5.4

Item 17.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 17.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

(a) The owner or operator of a facility subject to 6 NYCRR Part 201-5 must submit an application for permit modification, as described in 6 NYCRR Part 201-5.2, prior to commencing construction of either a significant modification as described in Subdivision (b) of this Section, or a minor modification as described in Subdivision (c) of this Section.

(b) ‘Significant Permit Modifications’.

(1) The following changes to existing facilities are considered significant modifications:

(i) Changes that cause the facility to become subject to a new applicable requirement;

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(ii) Changes that result in less stringent monitoring, record keeping, or reporting requirements;

(iii) Changes that seek to establish or change a case-by-case determination or department approved variance;

(iv) Changes that seek to establish or change a federally enforceable emissions cap or a permit term or condition that the facility has accepted to avoid an applicable requirement to which the facility would otherwise be subject; and

(v) Changes that are modifications under any provision of Title I of the Act that result in an emissions increase in excess of the NSR major facility thresholds contained in 6 NYCRR Part 231-13.

(2) Applications for significant permit modifications are subject to the public noticing requirements for new applications pursuant to the requirements of 6 NYCRR Part 621. The modified permit must be issued before the facility owner or operator may commence construction or operation of the requested modification.

(c) ‘Minor Permit Modifications’.

(1) A minor modification is any change at an existing facility that meets the definition of modification in 6 NYCRR Part 200.1(aq) and is not a significant modification as described in Subdivision (b) of this Section.

(2) The department will review and act on applications for minor permit modifications in accordance with the requirements for minor projects under 6 NYCRR Part 621.

(3) The facility owner or operator may proceed with the requested minor modification upon receipt of a notice of complete application from the department confirming that the modification is minor. If the department fails to make a completeness determination, the application shall be deemed complete by default on the 15th day after receipt of the application and the facility owner or operator may proceed with the requested modification on the 25th day after the date that the department received the application. After the facility owner or operator makes the change and until the department takes final action, or notifies the facility owner or operator that the requested modification does not meet the minor modification criteria, the facility owner or operator must comply with

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both the applicable requirements governing the change and any proposed permit terms and conditions contained in the application. During this time period, the facility owner or operator need not comply with the existing permit terms and conditions for which a modification is proposed. However, if the facility owner or operator fails to comply with the proposed permit terms and conditions during this time period, the existing permit terms and conditions for which a modification is proposed may be enforced against it.

(d) ‘Advance Notifications’. The owner or operator of a facility subject to the requirements of this Section may make changes that meet all of the criteria in paragraphs (1) through (4) of this subdivision without the prior approval of the department. The owner or operator of the facility must notify the department in writing at least 15 days in advance of making each such change, as described in subdivision (e) of this section.

(1) The change is not a significant modification as described in subdivision (b) of this section;

(2) The change does not cause facility emissions to exceed any emission limitation or other condition in the facility’s permit or result in emissions of a regulated contaminant not previously emitted or authorized under a permit;

(3) The change does not cause the facility to become subject to any additional applicable requirements or regulations under this Title; and

(4) The change does not seek to establish or change a federally-enforceable emission cap or limit, or the monitoring, record keeping, or reporting requirement associated with the emission cap or limit.

(e) Advance notifications required by subdivision (d) of this section shall include the following information:

(1) identification of the emission unit(s), process(es), emission source(s), and emission point(s) affected by the proposed change;

(2) date on which the change is to occur;

(3) description of the proposed change;

(4) if appropriate, the identification and description of emissions control technology and compliance terms;

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and

(5) the identification of all contaminants emitted by the affected emission sources and calculations of the emission rate potential, potential to emit, and projected actual annual emission rates after the proposed change.

(f) The owner or operator of a facility which has made a change pursuant to subdivision (d) of this section must maintain a record of the date and description of each such change at the facility, and shall include each change in the facility’s next permit renewal or modification application. These records shall be maintained at the facility until the changes are incorporated into the facility’s permit and must be made available for review by department representatives upon request.

(g) The New York State Department of Environmental Conservation may require a permit modification to impose applicable requirements or permit conditions if it determines that changes proposed pursuant to the advance notification requirements of subdivision (d) of this section do not meet the established criteria, or that the changes may have a significant air quality impact. In such cases, the department shall require that the facility owner or operator not undertake the proposed changes until a permit modification is issued. The department’s determination shall include a listing of any additional information necessary to complete its review of the proposed changes.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 18: Air pollution prohibited
Effective between the dates of 06/21/2021 and 06/20/2031

Applicable State Requirement:6 NYCRR 211.1

Item 18.1:

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.

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Facility DEC ID: 9146400048

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

Condition 19: Emission Point Definition By Emission Unit
Effective between the dates of 06/21/2021 and 06/20/2031

Applicable State Requirement:6 NYCRR Subpart 201-5

Item 19.1:

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

- Emission Unit: U-00005
- Emission Point: E0111
 - Height (ft.): 38 Diameter (in.): 15
 - NYTMN (km.): 4764.1 NYTME (km.): 180.1 Building: PLANT 1
- Emission Point: E0112
 - Height (ft.): 38 Diameter (in.): 15
 - NYTMN (km.): 4764.144 NYTME (km.): 180.742 Building: PLANT 1

Item 19.2:

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

- Emission Unit: U-00006
- Emission Point: RTV01
 - Height (ft.): 27 Diameter (in.): 66
 - NYTMN (km.): 4764.144 NYTME (km.): 180.742 Building: PLANT 1
- Emission Point: RTV05
 - Height (ft.): 52 Diameter (in.): 57
 - NYTMN (km.): 4764.144 NYTME (km.): 180.742 Building: PLANT 5

Item 19.3:

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

- Emission Unit: U-00007
- Emission Point: ECW01
 - Height (ft.): 33 Diameter (in.): 21
 - NYTMN (km.): 4764.144 NYTME (km.): 180.742 Building: PLANT 1
- Emission Point: ECW05
 - Height (ft.): 64 Diameter (in.): 40
 - NYTMN (km.): 4764.144 NYTME (km.): 180.742 Building: PLANT 5

Condition 20: Process Definition By Emission Unit
Effective between the dates of 06/21/2021 and 06/20/2031

Permit ID: 9-1464-00048/00124

Facility DEC ID: 9146400048

Applicable State Requirement:6 NYCRR Subpart 201-5

Item 20.1:

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

Emission Unit: U-00005
Process: 112 Source Classification Code: 1-02-006-02
Process Description: Two natural gas boilers rated at 10.5 MMBtu/hr.

Emission Source/Control: EE111 - Combustion
Design Capacity: 10.5 million Btu per hour

Emission Source/Control: EE112 - Combustion
Design Capacity: 10.5 million Btu per hour

Item 20.2:

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

Emission Unit: U-00006
Process: 114 Source Classification Code: 4-02-016-07
Process Description: Application of RTV sealant.

Emission Source/Control: I0109 - Process
Design Capacity: 2.3 gallons per hour

Emission Source/Control: I0509 - Process
Design Capacity: 3.3 gallons per hour

Item 20.3:

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

Emission Unit: U-00007
Process: 115 Source Classification Code: 3-09-030-99
Process Description: Washers located in Plant 1 and Plant 5

Emission Source/Control: WASH1 - Process

Emission Source/Control: WASH5 - Process

Permit ID: 9-1464-00048/00124

Facility DEC ID: 9146400048