

Facility DEC ID: 8073400213

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

**IDENTIFICATION INFORMATION**

Permit Type: Air State Facility  
Permit ID: 8-0734-00213/00024  
Effective Date: 11/25/2019 Expiration Date: 11/24/2029

Permit Issued To: CAF (USA) INC  
1404 K ST NW STE 803  
WASHINGTON, DC 20005

Contact: BETIRI ESTORNES  
CAF USA - ELMIRA FACTORY  
300 E 18TH ST  
ELMIRA HEIGHTS, NY 14903

Facility: CAF (USA) INC  
300 E 18TH ST  
ELMIRA HEIGHTS, NY 14903

Description:  
This is the first renewal of the Air State Facility permit for a facility that is used for assembly and testing of passenger rail cars. Air contaminant emissions are associated with an Emission Unit 1-BLDGS, which includes surface coating operations and minor parts cleaning. Other facility air emissions come from natural gas-fired combustion sources used to heat buildings and other minor exempt emission sources. The permit contains annual emission limits for nine individual HAPs ( methanol, 1,1,1 trichloroethane, dichloromethane, methyl ethyl ketone, styrene, 1,2 ethanediol, hexane, toluene, and xylene ), total HAPs and VOCs. These emission limits will cap facility emissions to below the applicable thresholds for requiring the facility obtain a Title V facility permit.

By acceptance of this permit, the permittee agrees that the permit is contingent upon strict compliance with the ECL, all applicable regulations, the General Conditions specified and any Special Conditions included as part of this permit.

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

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

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### Notification of Other State Permittee Obligations

Item A: Permittee Accepts Legal Responsibility and Agrees to Indemnification

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

Item B: Permittee's Contractors to Comply with Permit

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

Item C: Permittee Responsible for Obtaining Other Required Permits

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

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

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

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**DEC GENERAL CONDITIONS**

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**Facility Level**

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

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

**Condition 1: Facility Inspection by the Department**  
**Applicable State Requirement: ECL 19-0305**

**Item 1.1:**

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

**Item 1.2:**

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

**Item 1.3:**

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

**Condition 2: Relationship of this Permit to Other Department Orders and Determinations**  
**Applicable State Requirement: ECL 3-0301 (2) (m)**

**Item 2.1:**

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

**Condition 3: Applications for permit renewals, modifications and transfers**  
**Applicable State Requirement: 6 NYCRR 621.11**

**Item 3.1:**

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

**Item 3.2:**

The permittee must submit a renewal application at least 180 days before the expiration of permits for Title V and State Facility Permits.

**Item 3.3**

Permits are transferrable with the approval of the department unless specifically prohibited by the statute, regulation or another permit condition. Applications for permit transfer should be submitted prior to actual transfer of ownership.

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

**Item 4.1:**

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

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

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

**Condition 5: Submission of application for permit modification or renewal-REGION 8 HEADQUARTERS**  
**Applicable State Requirement: 6 NYCRR 621.6 (a)**

**Item 5.1:**

Submission of applications for permit modification or renewal are to be submitted to:  
NYSDEC Regional Permit Administrator  
Region 8 Headquarters  
Division of Environmental Permits  
6274 Avon-Lima Road  
Avon, NY 14414-9519  
(585) 226-2466

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

ARTICLE 19: AIR POLLUTION CONTROL - AIR STATE FACILITY PERMIT

IDENTIFICATION INFORMATION

Permit Issued To: CAF (USA) INC  
1404 K ST NW STE 803  
WASHINGTON, DC 20005

Facility: CAF (USA) INC  
300 E 18TH ST  
ELMIRA HEIGHTS, NY 14903

Authorized Activity By Standard Industrial Classification Code:  
3743 - RAILROAD EQUIPMENT

Permit Effective Date: 11/25/2019

Permit Expiration Date: 11/24/2029

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**FEDERALLY ENFORCEABLE CONDITIONS**

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- 6 1 40CFR 82, Subpart F: Recycling and Emissions Reduction
- 6 2 6 NYCRR 201-6.4 (g): Non Applicable requirements
- 7 3 6 NYCRR Subpart 201-7: Facility Permissible Emissions
- 7 \*4 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- 9 \*5 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- 10 \*6 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- 12 7 6 NYCRR 211.2: Visible Emissions Limited

**Emission Unit Level**

**EU=1-BLDGS**

- 12 8 6 NYCRR 228-1.3 (a): Compliance Demonstration
- 13 9 6 NYCRR 228-1.3 (b) (2): Compliance Demonstration
- 14 11 6 NYCRR 228-1.3 (c): Surface Coating- Prohibitions
- 15 10 6 NYCRR 228-1.3 (d): Compliance Demonstration

**STATE ONLY ENFORCEABLE CONDITIONS**

**Facility Level**

- 18 12 ECL 19-0301: Contaminant List
- 19 13 6 NYCRR 201-1.4: Malfunctions and start-up/shutdown activities
- 20 14 6 NYCRR Subpart 201-5: Emission Unit Definition
- 20 15 6 NYCRR 201-5.2 (c): Renewal deadlines for state facility permits
- 21 16 6 NYCRR 201-5.3 (c): Compliance Demonstration
- 21 17 6 NYCRR 211.1: Air pollution prohibited

**Emission Unit Level**

- 21 18 6 NYCRR Subpart 201-5: Emission Point Definition By Emission Unit
- 22 19 6 NYCRR Subpart 201-5: Process Definition By Emission Unit

NOTE: \* preceding the condition number indicates capping.

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**FEDERALLY ENFORCEABLE CONDITIONS**

Renewal 1/FINAL

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

**NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS**

**This section contains terms and conditions which are federally enforceable. Permittees may also have other obligations under regulations of general applicability**

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

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

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

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

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

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

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

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



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required to operate such device effectively.

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

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

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

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

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

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

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

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

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

The owner and/or operator of an emission source or unit that is eligible to be exempt, may be required to certify that it operates within the specific criteria described in 6 NYCRR Subpart 201-3. The owner or operator of any such emission source must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request.

Department representatives must be granted access to any facility which contains emission sources or units subject to 6 NYCRR Subpart 201-3, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations, or law.

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

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**Activities - 6 NYCRR 201-3.3 (a)**

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

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

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

**Item J: Open Fires Prohibitions - 6 NYCRR 215.2**

Except as allowed by section 215.3 of 6 NYCRR Part 215, no person shall burn, cause, suffer, allow or permit the burning of any materials in an open fire.

**Item K: Permit Exclusion - ECL 19-0305**

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

**Item L: Federally Enforceable Requirements - 40 CFR 70.6 (b)**

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

**FEDERAL APPLICABLE REQUIREMENTS**  
**The following conditions are federally enforceable.**

**Condition 1: Recycling and Emissions Reduction**  
**Effective between the dates of 11/25/2019 and 11/24/2029**

**Applicable Federal Requirement:40CFR 82, Subpart F**

**Item 1.1:**

The permittee shall comply with all applicable provisions of 40 CFR Part 82.

**Condition 2: Non Applicable requirements**  
**Effective between the dates of 11/25/2019 and 11/24/2029**

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

**Item 2.1:**

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 228-1.1 (a) (1)

Emission Unit: 1BLDGS

Reason: Based on information submitted to the Department, actual annual facility process emissions of VOC do not exceed the 3 tons per year applicability threshold for Class B Coating Lines under 6 NYCRR 228-1.1(a)(1). Therefore, facility surface coating process are exempt from the applicable compliant material or add-on control requirements under 6 NYCRR 228-1.4 and 6 NYCRR 228-1.5, respectively. The facility must calculate and maintain records of facility VOC emissions, as required elsewhere in this permit, to demonstrate that facility surface coating processes continue to be exempt from the above requirements.

**Condition 3: Facility Permissible Emissions**

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**Applicable Federal Requirement:6 NYCRR Subpart 201-7**

**Item 3.1:**

The sum of emissions from the emission units specified in this permit shall not equal or exceed the following

Potential To Emit (PTE) rate for each regulated contaminant:

CAS No: 000067-56-1 Name: METHYL ALCOHOL	PTE: 19,800 pounds per year
CAS No: 000071-55-6 Name: ETHANE, 1,1,1-TRICHLORO	PTE: 19,800 pounds per year
CAS No: 000075-09-2 Name: DICHLOROMETHANE	PTE: 19,800 pounds per year
CAS No: 000078-93-3 Name: METHYL ETHYL KETONE	PTE: 19,800 pounds per year
CAS No: 000100-42-5 Name: STYRENE	PTE: 19,800 pounds per year
CAS No: 000107-21-1 Name: 1,2-ETHANEDIOL	PTE: 19,800 pounds per year
CAS No: 000108-88-3 Name: TOLUENE	PTE: 19,800 pounds per year
CAS No: 000110-54-3 Name: HEXANE	PTE: 19,800 pounds per year
CAS No: 001330-20-7 Name: XYLENE, M, O & P MIXT.	PTE: 19,800 pounds per year
CAS No: 0NY100-00-0 Name: TOTAL HAP	PTE: 49,800 pounds per year
CAS No: 0NY998-00-0 Name: VOC	PTE: 99,800 pounds per year

**Condition 4: Capping Monitoring Condition**

Effective between the dates of 11/25/2019 and 11/24/2029

**Applicable Federal Requirement:6 NYCRR Subpart 201-7**

**Item 4.1:**

Under the authority of 6 NYCRR Part 201-7, this condition contains an emission cap for the purpose of limiting emissions from the facility, emission unit or process to avoid being subject to the following applicable requirement(s) that the facility, emission unit or process would



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Parameter Monitored: VOC  
 Upper Permit Limit: 49.9 tons per year  
 Monitoring Frequency: MONTHLY  
 Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY  
 Reporting Requirements: ANNUALLY (CALENDAR)  
 Reports due 30 days after the reporting period.  
 The initial report is due 1/30/2020.  
 Subsequent reports are due every 12 calendar month(s).

**Condition 5: Capping Monitoring Condition**  
**Effective between the dates of 11/25/2019 and 11/24/2029**

**Applicable Federal Requirement: 6 NYCRR Subpart 201-7**

**Item 5.1:**

Under the authority of 6 NYCRR Part 201-7, this condition contains an emission cap for the purpose of limiting emissions from the facility, emission unit or process to avoid being subject to the following applicable requirement(s) that the facility, emission unit or process would otherwise be subject to:

6 NYCRR Subpart 201-6

**Item 5.2:**

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

**Item 5.3:**

The owner or operator of the permitted facility must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility regulated by this Subpart, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations or law.

**Item 5.4:**

On an annual basis, unless otherwise specified below, beginning one year after the granting of an emissions cap, the responsible official shall provide a certification to the Department that the facility has operated all emission units within the limits imposed by the emission cap. This certification shall include a brief summary of the emissions subject to the cap for that time period and a comparison to the threshold levels that would require compliance with an applicable requirement.

**Item 5.5:**

The emission of pollutants that exceed the applicability thresholds for an applicable requirement, for which the facility has obtained an emissions cap, constitutes a violation of Part 201 and of the Act.

**Item 5.6:**

The Compliance Demonstration activity will be performed for the Facility.

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

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**Item 5.7:**

Compliance Demonstration shall include the following monitoring:

Capping: Yes

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

Monitoring Description:

To remain below the applicability thresholds of 6 NYCRR Subpart 201-6, Title V Facility Permits, facility aggregate annual emissions of total Hazardous Air Pollutants must not exceed 24.9 tons per year on a twelve-month rolling basis.

In order to demonstrate compliance with this limit, actual facility total HAP emissions must be calculated monthly and incorporated into a twelve-month rolling total in tons per year. Aggregate total HAP emissions must be calculated based on actual coating usage, fuel usage, production records, and emissions factors acceptable to the Department.

Parameter Monitored: TOTAL HAP

Upper Permit Limit: 24.9 tons per year

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2020.

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

**Condition 6: Capping Monitoring Condition**  
**Effective between the dates of 11/25/2019 and 11/24/2029**

**Applicable Federal Requirement:6 NYCRR Subpart 201-7**

**Item 6.1:**

Under the authority of 6 NYCRR Part 201-7, this condition contains an emission cap for the purpose of limiting emissions from the facility, emission unit or process to avoid being subject to the following applicable requirement(s) that the facility, emission unit or process would otherwise be subject to:

6 NYCRR Subpart 201-6

**Item 6.2:**

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

**Item 6.3:**

The owner or operator of the permitted facility must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility regulated by this Subpart,

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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 6.4:**

On an annual basis, unless otherwise specified below, beginning one year after the granting of an emissions cap, the responsible official shall provide a certification to the Department that the facility has operated all emission units within the limits imposed by the emission cap. This certification shall include a brief summary of the emissions subject to the cap for that time period and a comparison to the threshold levels that would require compliance with an applicable requirement.

**Item 6.5:**

The emission of pollutants that exceed the applicability thresholds for an applicable requirement, for which the facility has obtained an emissions cap, constitutes a violation of Part 201 and of the Act.

**Item 6.6:**

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 000071-55-6	ETHANE, 1,1,1-TRICHLORO
CAS No: 000075-09-2	DICHLOROMETHANE
CAS No: 000078-93-3	METHYL ETHYL KETONE
CAS No: 000100-42-5	STYRENE
CAS No: 000107-21-1	1,2-ETHANEDIOL
CAS No: 000108-88-3	TOLUENE
CAS No: 000110-54-3	HEXANE
CAS No: 001330-20-7	XYLENE, M, O & P MIXT.
CAS No: 000067-56-1	METHYL ALCOHOL

**Item 6.7:**

Compliance Demonstration shall include the following monitoring:

Capping: Yes

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

Monitoring Description:

To remain below the applicability thresholds of 6 NYCRR Subpart 201-6, Title V Facility Permits, facility annual emissions of each individual Hazardous Air Pollutant must not exceed 9.9 tons per year on a twelve-month rolling basis.

In order to demonstrate compliance with this limit, actual facility emissions of each individual HAP must be calculated monthly and incorporated into a twelve-month rolling total in tons per year. Individual HAP emissions must be calculated based on actual coating usage, fuel usage, production records, and emissions factors acceptable to the Department.

Parameter Monitored: METHYL ALCOHOL



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Upper Permit Limit: 9.9 tons per year  
 Monitoring Frequency: MONTHLY  
 Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY  
 Reporting Requirements: ANNUALLY (CALENDAR)  
 Reports due 30 days after the reporting period.  
 The initial report is due 1/30/2020.  
 Subsequent reports are due every 12 calendar month(s).

**Condition 7: Visible Emissions Limited**  
**Effective between the dates of 11/25/2019 and 11/24/2029**

**Applicable Federal Requirement:6 NYCRR 211.2**

**Item 7.1:**

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

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

**Condition 8: Compliance Demonstration**  
**Effective between the dates of 11/25/2019 and 11/24/2029**

**Applicable Federal Requirement:6 NYCRR 228-1.3 (a)**

**Item 8.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: 1-BLDGS

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

**Item 8.2:**

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

No person shall cause or allow emissions having an average opacity during any six consecutive minutes of 20 percent or greater from any process emission source, except only the emission of uncombined water. Compliance will be determined by conducting daily observations of visible emissions from the emission unit, process, etc. to which this condition applies. The observation(s) must be conducted during daylight hours except during adverse weather conditions (fog, rain, or snow). Observations must

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be recorded in a bound logbook or other format acceptable to the Department. The following data must be recorded for each stack:

- date and time of day
- observer's name
- identity of emission point
- weather condition
- was a plume observed?

This logbook must be retained at the facility for five (5) years after the date of the last entry. If the operator observes any visible emissions (other than steam – see below) the permittee will immediately investigate any such occurrence and take corrective action, as necessary, to reduce or eliminate the emissions. If visible emissions persist after corrections are made, the permittee will immediately notify the department and may be required to conduct a Method 9 assessment within 24 hours to determine the degree of opacity.

Records of these observations, investigations and corrective actions will be kept on-site in a format acceptable to the department and the semiannual progress report and annual compliance certifications required of all permittees subject to Title V must include a summary of these instances.

**\*\* NOTE \*\*** Steam plumes generally form after leaving the top of the stack (this is known as a detached plume). The distance between the stack and the beginning of the detached plume may vary, however, there is (normally) a distinctive distance between the plume and stack. Steam plumes are white in color and have a billowy consistency. Steam plumes dissipate within a short distance of the stack (the colder the air the longer the steam plume will last) and leave no dispersion trail downwind of the stack.

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 9: Compliance Demonstration**  
**Effective between the dates of 11/25/2019 and 11/24/2029**

**Applicable Federal Requirement: 6 NYCRR 228-1.3 (b) (2)**

**Item 9.1:**

The Compliance Demonstration activity will be performed for:

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Emission Unit: 1-BLDGS

**Item 9.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Owners and operators of emission sources not subject to 6 NYCRR Part 228-1, as set forth in Paragraphs 228-1.1(b)(9) or (13), or those sources that are using coatings not subject to specific requirements of Part 228-1 as set forth in Paragraph 228-1.3(e)(2), or Clauses 228-1.4(b)(5)(iii)(e), 228-1.4(b)(5)(iii)(i) or 228-1.4(b)(5)(iv), must maintain records on an as used basis. The records must include the relevant regulatory citation of each exemption and quantity of coating used. If the exemption criteria are based on VOC usage, the records must contain calculations and supplier/manufacturer material data sheets for verification of VOC usage. All records required by this Paragraph must be maintained at the facility for a period of five years.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 11: Surface Coating- Prohibitions**  
**Effective between the dates of 11/25/2019 and 11/24/2029**

**Applicable Federal Requirement:6 NYCRR 228-1.3 (c)**

**Item 11.1:**

This Condition applies to Emission Unit: 1-BLDGS

**Item 11.2:**

(1) No person shall sell, supply, offer for sale, solicit, use, specify, or require for use, the application of a coating on a part or product at a facility with a coating line described in Subpart 228-1.1(a) if such sale, specification, or use is prohibited by any of the provisions of this Subpart. The prohibition shall apply to all written or oral contracts under the terms of which any coating is to be applied to any part or product at an affected facility. This prohibition shall not apply to the following:

(i) coatings utilized at surface coating lines where control equipment has been installed to meet the maximum permitted VOC content limitations specified in the tables of Subpart 228-1.4;

(ii) coatings utilized at surface coating lines where a coating system is used which meets the requirements specified in Subpart 228-1.5(d); and

(iii) coatings utilized at surface coating lines that have been granted variances pursuant to Subpart 228-1.5(e).

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(2) Any person selling a coating for use in a coating line subject to Subpart 228-1 must, upon request, provide the user with certification of the VOC content of the coating supplied.

**Condition 10: Compliance Demonstration**  
**Effective between the dates of 11/25/2019 and 11/24/2029**

**Applicable Federal Requirement: 6 NYCRR 228-1.3 (d)**

**Item 10.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: 1-BLDGS

**Item 10.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

- Within the work area(s) associated with a coating line, the owner or operator of a facility subject to this Subpart must:
  - (a) use closed, non-leaking containers to store or dispose of cloth or other absorbent applicators impregnated with VOC solvents that are used for surface preparation, cleanup or coating removal;
  - (b) store in closed, non-leaking containers spent or fresh VOC solvents to be used for surface preparation, cleanup or coating removal;
  - (c) not use VOC solvents to cleanup spray equipment unless equipment is used to collect the cleaning compounds and to minimize VOC evaporation;
  - (d) not use open containers to store or dispense surface coatings and/or inks unless production, sampling, maintenance or inspection procedures require operational access. This provision does not apply to the actual device or equipment designed for the purpose of applying a coating material to a substrate. These devices may include, but are not limited to: spray guns, flow coaters, dip tanks, rollers, knife coaters, and extrusion coaters;
  - (e) not use open containers to store or dispose of spent surface coatings, or spent VOC solvents;
  - (f) minimize spills during the handling and transfer of coatings and VOC solvents; and

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(g) clean hand held spray guns by one of the following:

- (1) an enclosed spray gun cleaning system that is kept closed when not in use;
- (2) non-atomized discharge of VOC solvent into a paint waste container that is kept closed when not in use;
- (3) disassembling and cleaning of the spray gun in a vat that is kept closed when not in use; or
- (4) atomized spray into a paint waste container that is fitted with a device designed to capture atomized VOC solvent emissions.

Open containers, if found, shall be covered and such deviations shall be noted in a log maintained in the operating area. The log shall include the following information:

- date and time of observation
- description of observed deviation from this permit condition
- corrective measures taken, if necessary.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2020.

Subsequent reports are due every 6 calendar month(s).

**STATE ONLY ENFORCEABLE CONDITIONS**

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

**NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS**

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

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

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

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

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

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

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

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

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

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

**Item B: Public Access to Recordkeeping for Facilities With State Facility Permits - 6 NYCRR 201-1.10 (a)**

Where facility owners and/or operators keep records pursuant to compliance with the requirements of 6 NYCRR Subpart 201-5.4, and/or the emission capping requirements of 6 NYCRR Subpart 201-7, the Department will make such records available to the public upon request in accordance with 6 NYCRR Part 616 - Public Access to Records.

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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 11/25/2019 and 11/24/2029

**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: 000067-56-1  
Name: METHYL ALCOHOL

CAS No: 000071-55-6  
Name: ETHANE, 1,1,1-TRICHLORO

CAS No: 000075-09-2  
Name: DICHLOROMETHANE

CAS No: 000078-93-3

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Name: METHYL ETHYL KETONE

CAS No: 000100-42-5

Name: STYRENE

CAS No: 000107-21-1

Name: 1,2-ETHANEDIOL

CAS No: 000108-88-3

Name: TOLUENE

CAS No: 000110-54-3

Name: HEXANE

CAS No: 001330-20-7

Name: XYLENE, M, O & P MIXT.

CAS No: 0NY075-00-0

Name: PARTICULATES

CAS No: 0NY100-00-0

Name: TOTAL HAP

CAS No: 0NY998-00-0

Name: VOC

**Condition 13: Malfunctions and start-up/shutdown activities  
Effective between the dates of 11/25/2019 and 11/24/2029**

**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 malfunctions, maintenance, or start-up/shutdown activities when they can be expected to result in an exceedance of any applicable emission standard, and shall submit a report of such activities to the department when requested to do so, or when so required by a condition of a permit issued for the corresponding air contamination source. Such reports shall state whether any violations occurred and, if so, whether they were unavoidable, include the time, frequency and duration of the maintenance and/or start-up/shutdown activities, and an estimate of the emission rates of any air contaminants released. Such records shall be maintained for a period of at least five years and made available for review to department representatives upon request. Facility owners or operators subject to continuous stack monitoring and quarterly reporting requirements need not submit additional reports for equipment maintenance or start-up/shutdown activities for the facility to the department.

(c) In the event that emissions of air contaminants in excess of any emission standard in this Subchapter occur due to a malfunction, the facility owner or operator shall compile and



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maintain records of the malfunction and notify the department as soon as possible during normal working hours, but not later than two working days after becoming aware that the malfunction occurred. When requested by the department, the facility owner or operator shall submit a written report to the department describing the malfunction, the corrective action taken, identification of air contaminants, and an estimate of the emission rates.

(d) The department may also require the owner or operator to include, in reports described under Subdivisions (b) and (c) of this Section, an estimate of the maximum ground level concentration of each air contaminant emitted and the effect of such emissions.

(e) A violation of any applicable emission standard resulting from start-up, shutdown, or malfunction conditions at a permitted or registered facility may not be subject to an enforcement action by the department and/or penalty if the department determines, in its sole discretion, that such a violation was unavoidable. The actions and recordkeeping and reporting requirements listed above must be adhered to in such circumstances.

**Condition 14: Emission Unit Definition**  
**Effective between the dates of 11/25/2019 and 11/24/2029**

**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: 1-BLDGS

Emission Unit Description:

This emission unit consists of surface coating operations conducted within spray paint booths in Buildings 1 and 4. The spray paint booths are used to paint metal parts for passenger rail cars and touch-up existing paint on rail car exteriors (rail cars are painted prior to being shipped to the facility.) Building 1 contains four (4) paint booths (Emission Sources 00001, 00002, 00006, 00007) that exhaust to separate emission points. Building 4 contains one (1) small paint booth (Emission Source 00010) and an associated emission point.

Building(s): 1  
 4

**Condition 15: Renewal deadlines for state facility permits**  
**Effective between the dates of 11/25/2019 and 11/24/2029**

**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**

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Effective between the dates of 11/25/2019 and 11/24/2029

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

**Item 16.1:**

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

Monitoring Frequency: UPON REQUEST OF REGULATORY AGENCY

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 17: Air pollution prohibited**

Effective between the dates of 11/25/2019 and 11/24/2029

**Applicable State Requirement:6 NYCRR 211.1**

**Item 17.1:**

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

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

**Condition 18: Emission Point Definition By Emission Unit**

Effective between the dates of 11/25/2019 and 11/24/2029

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

**Item 18.1:**

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

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Emission Unit: 1-BLDGS

Emission Point: 00001  
 Height (ft.): 45 Diameter (in.): 48  
 NYTMN (km.): 4666.29 NYTME (km.): 349.406 Building: 1

Emission Point: 00002  
 Height (ft.): 45 Diameter (in.): 48  
 NYTMN (km.): 4666.282 NYTME (km.): 349.405 Building: 1

Emission Point: 00006  
 Height (ft.): 30 Diameter (in.): 48  
 NYTMN (km.): 4666.225 NYTME (km.): 349.498 Building: 1

Emission Point: 00007  
 Height (ft.): 30 Diameter (in.): 48  
 NYTMN (km.): 4666.219 NYTME (km.): 349.498 Building: 1

Emission Point: 00010  
 Height (ft.): 20 Diameter (in.): 30  
 NYTMN (km.): 4666.336 NYTME (km.): 349.425 Building: 4

**Condition 19: Process Definition By Emission Unit**  
 Effective between the dates of 11/25/2019 and 11/24/2029

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

**Item 19.1:**

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

Emission Unit: 1-BLDGS  
 Process: 100 Source Classification Code: 4-02-001-01

Process Description:

This process consists of surface coating operations for the painting of metal rail car parts and touch-up of passenger rail cars. Includes four (4) paint booths and associated emission points within Building 1 and one (1) paint booth and associated emission point within Building 4.

Emission Source/Control: 00001 - Process

Emission Source/Control: 00002 - Process

Emission Source/Control: 00006 - Process

Emission Source/Control: 00007 - Process

Emission Source/Control: 00010 - Process

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