



PERMIT
Under the Environmental Conservation Law (ECL)

IDENTIFICATION INFORMATION

Permit Type: Air State Facility
Permit ID: 9-2909-00018/00501
Effective Date: 04/15/2014 Expiration Date: 04/14/2024

Permit Issued To: GM COMPONENTS HOLDINGS LLC
300 RENAISSANCE CTR
DETROIT, MI 48265-3000

Contact: PAT CURTIS
GM COMPONENTS HOLDINGS LLC
200 UPPER MOUNTAIN RD
LOCKPORT, NY 14094-1896
(716) 439-3933

Facility: GM COMPONENTS HOLDINGS LLC - LOCKPORT
200 UPPER MOUNTAIN RD
LOCKPORT, NY 14094

Contact: GREGORY KULKA
GM COMPONENTS HOLDINGS LLC
200 UPPER MOUNTAIN RD
LOCKPORT, NY 14094-1896
(716) 439-2689

Description:

This permit represents the transition from a Title V permit to an Air State Facility permit. The facility has demonstrated that actual emissions are less than the major source thresholds for all regulated pollutants. A federally enforceable emissions cap of 83 tons nitrogen oxide emissions will effectively limit potential emissions to less than the major source threshold of 100 tons for carbon monoxide (CO) and to less than 100,000 tons per year for carbon dioxide equivalents (CO_{2e}).

The facility is primarily engaged in the production of radiators, condensers, evaporators, heater cores, oil coolers and HVAC modules for sale to the automotive market. Production operations include application of hot melt adhesives, various forms of brazing, various types of welding, various metal forming techniques, thermal degreasing, and alkaline washing, powder coating and assembly.

Contaminants emitted from these operations include particulate (PM), hazardous air pollutants (HAP), and volatile organic compounds (VOC). In addition potential emissions of sulfur dioxide, nitrogen oxides, and carbon monoxide could be generated from boiler operations. Currently, steam is purchased from the adjacent Lockport Energy Cogeneration facility.

Potential emissions of hazardous air pollutants (HAP) including those from exempt sources have been re-evaluated and determined to be less than twenty-five tons with no single HAP in excess of ten tons. Therefore, the facility is also a minor source of HAP emissions.



6NYCRR, Part 227-2 NOx RACT (Reasonably Available Control Technology) for Stationary Combustion Installations: Nitrogen oxide emissions are generated from fuel combustion in the stationary combustion units, exempt emergency generators, and exempt combustion sources less than 20 mmbtu/hour input. The NOx emissions cap will prevent the facility from becoming subject to the RACT requirements. Emission factors and fuel usage are used to demonstrate compliance with the limit on a rolling 12 month basis. The sulfur content of fuel used at the facility in these combustion sources is limited by **Part 225-1.2(a)(2)** to 1.5% by weight for distillate fuel oil.

6NYCRR, Part 230.5-Gasoline Dispensing Sites: As a gasoline dispensing site, the facility must document annual gasoline deliveries to the site. If the sum of deliveries during any consecutive twelve month period is expected to exceed 120,000 gallons, the appropriate Stage I vapor collection system must be in place prior to the site being subject to the control requirements of Part 230.2.

6NYCRR, Part 226.2- Solvent Metal Cleaning: operates fewer than 20 remote reservoir, cold cleaning degreaser units using high flash mineral spirits throughout the facility. These units are considered trivial activities as per **6NYCRR, Part 201-3.3(c)(49)** but remain subject to the general operating requirements of Part 226 as defined in this permit. These units are exempt from the National Emissions Standards for Hazardous Air Pollutants (NESHAP) for Solvent Cleaning Machines, 40 CFR 63.460 Subpart T because they do not use any of the halogenated solvents defined in the regulation and the facility is a minor source of HAP emissions.

Emission unit **ADHES1** describes the application of hot melt and water-based sealants and adhesives to join various parts. The adhesives application is a surface coating process subject to the VOC limits in Part 228-2. Records of the VOC content are to be maintained on-site. Manual application of adhesives operations are considered trivial activities as per **6NYCRR, Part 201-3.3(c)(53)**.

Emission unit **BOILR1** describes two stationary combustion natural gas/number 2 fuel oil fired units located in Building 9 which both exhaust through one emission point, D79-1. Since steam is supplied by Lockport Energy Co-generation facility for space heating and manufacturing purposes, these units serve as stand-by only. Emission reduction credits in the amount of 24.6 tons of nitrogen oxides were established in 1997 for the reduction in boiler operations. These credits are now available for offset use only. The boilers, if operational, would only be subject to the opacity limit of **6NYCRR, Part 227-1**.

Emission unit **CAB007** describes ten (10) controlled atmosphere brazing lines to produce heat exchangers. There are six (6) controlled atmosphere braze lines each consisting of a braze furnace equipped with a wet scrubber, a thermal degreaser equipped with a thermal oxidizer, and a cooling zone. Each thermal degreaser has an emission rate potential that exceeds 3 pounds per hour and actual emissions in excess of 15 pounds per day and is subject to the VOC RACT requirements of **Part 212.10**. As such they are required to be equipped with control equipment having an overall destruction efficiency of 81%. The thermal oxidizers used to control VOC emissions from the degreasers have been evaluated and a representative source test conducted on 7/26 & 7/27/2006 has shown a destruction efficiency of 88%.



Powder coating systems apply coating electrostatically and generate virtually no emissions. Powder coating systems are exempt under **6NYCRR, Part 201-3.2(c)(34) and Part 228.1(e)(15)**. There are no longer any production liquid paint systems at the facility.

Emission unit **INDBR2** describes various induction brazing, flame brazing, and welding operations used to assemble manufactured components. The associated emission points were evaluated against the RACT requirements of 6NYCRR, Part 212.10(c)(1) for sources constructed prior to 8/15/94. Since actual VOC emissions are less than 3 pounds per hour, a RACT analysis was not required. However, flux usage shall be evaluated on an annual basis to determine if there is an increase which would require revised emissions calculations and a RACT analysis.

Emission unit **FBEVAP** describes eleven (11) evaporator flame brazing cells and two flame braze condenser cells that join aluminum parts using pre-fluxed dry braze rings. Emissions of particulate are subject to the 0.05 gr/dscf limitations of 6NYCRR, Part 212.4(c).

Emission unit **RSTPT2** describes paint spray lines and associated ovens no longer in use and partially dismantled. This emission unit is retained in the permit to document emission reduction credits established in November 1996 in the amount of 47.6 tons of VOC. These credits are now available for offset use only.

Emission unit **VBRAZ1** describes the vacuum brazing of aluminum evaporator cores and oil coolers in electrically heated furnaces. Parts are formed with a lubricant containing a maximum of 2 % VOC used in a maximum of 15% in water. The associated vacuum pumps to remove the forming oil are equipped with Stokes oil mist separators with 92%-99% removal efficiency for oil mist particulate. Particulate emissions are regulated by **6NYCRR, Part 212.4(c)**. VOC emissions from the braze furnaces are less than the 3 pound per hour and 15 pounds per day required for a RACT analysis.

Emission unit **CPYRO1**: Controlled Pyrolysis furnace for the thermal cleaning of hooks, fixtures, etc. from on-site painting operations. Decomposition products are consumed in the integrated afterburner.

Trivial/Exempt Activities

Emission unit **COAT1** is now a hot water wash and dry system. The cleaner contains no volatile organic compounds (VOC) or hazardous air pollutants (HAP's) and is a trivial activity as per **6NYCRR, Part 201-3.3(c)(50)**, for equipment using water-based cleaners.

The electrical discharge machines **EDM01** that form various shaped holes into dies using an electric arc submerged in oil. The emission sources identified within this unit have been determined to be trivial activities as defined by **6NYCRR, Part 201-3.3(c)(57)**.

Emission unit **TUBEF1** return bend cutting, tube bending, and tube forming machines using metal cutting and cooling oils. These are high viscosity oils, liquid particulate emissions of which are controlled by demisters which have control efficiencies of 70-98% based on manufacturer's guarantees. These sources are determined to be trivial activities as per **6NYCRR, Part 201-3.3(c)(57)**.

New York State Department of Environmental Conservation
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Emission unit **WASH01** described the washing of oil cooler and valve components in alkaline washes. The associated emission sources have been determined to be trivial activities as defined by **6NYCRR, Part 201-3.3(c)(47)**.

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: DOUGLAS E BORSCHEL
 270 MICHIGAN AVE
 BUFFALO, NY 14203-2915

Authorized Signature: _____ Date: ___ / ___ / _____



Notification of Other State Permittee Obligations

Item A: Permittee Accepts Legal Responsibility and Agrees to Indemnification

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

Item B: Permittee's Contractors to Comply with Permit

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

Item C: Permittee Responsible for Obtaining Other Required Permits

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

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

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



LIST OF CONDITIONS

DEC GENERAL CONDITIONS

General Provisions

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

Facility Level

- Submission of application for permit modification or renewal-REGION 9 HEADQUARTERS



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

Condition 1: Facility Inspection by the Department

Applicable State Requirement: ECL 19-0305

Item 1.1:

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

Item 1.2:

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

Item 1.3:

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

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

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

Item 2.1:

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

Condition 3: Applications for permit renewals, modifications and transfers

Applicable State Requirement: 6 NYCRR 621.11

Item 3.1:

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

Item 3.2:

The permittee must submit a renewal application at least 180 days before expiration of permits for Title V Facility Permits, or at least 30 days before expiration of permits for State Facility Permits.

Item 3.3:

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



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

Item 4.1:

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

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

****** Facility Level ******

Condition 5: Submission of application for permit modification or renewal-REGION 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

New York State Department of Environmental Conservation

Permit ID: 9-2909-00018/00501

Facility DEC ID: 9290900018



Permit Under the Environmental Conservation Law (ECL)

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

IDENTIFICATION INFORMATION

Permit Issued To: GM COMPONENTS HOLDINGS LLC
300 RENAISSANCE CTR
DETROIT, MI 48265-3000

Facility: GM COMPONENTS HOLDINGS LLC - LOCKPORT
200 UPPER MOUNTAIN RD
LOCKPORT, NY 14094

Authorized Activity By Standard Industrial Classification Code:
3585 - REFRIGERATION & HEATING EQUIPMENT
3714 - MOTOR VEHICLE PARTS & ACCESSORIES

Permit Effective Date: 04/15/2014

Permit Expiration Date: 04/14/2024



LIST OF CONDITIONS

FEDERALLY ENFORCEABLE CONDITIONS

Facility Level

- 1 6 NYCRR 200.6: Acceptable Ambient Air Quality
- 2 6 NYCRR 215.2: Open Fires - Prohibitions
- 3 6 NYCRR 200.7: Maintenance of Equipment
- 4 6 NYCRR 201-1.7: Recycling and Salvage
- 5 6 NYCRR 201-1.8: Prohibition of Reintroduction of Collected Contaminants to the air
- 6 6 NYCRR 201-3.2 (a): Exempt Sources - Proof of Eligibility
- 7 6 NYCRR 201-3.3 (a): Trivial Sources - Proof of Eligibility
- 8 6 NYCRR 202-1.1: Required Emissions Tests
- 9 6 NYCRR 202-1.1: Required Emissions Tests
- 10 40 CFR Part 68: Accidental release provisions.
- 11 40CFR 82, Subpart F: Recycling and Emissions Reduction
- 12 40CFR 82, Subpart F: Recycling and Emissions Reduction
- 13 6 NYCRR Subpart 201-7: Facility Permissible Emissions
- *14 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- 15 6 NYCRR 211.1: Air pollution prohibited
- 16 6 NYCRR 212.4 (c): Compliance Demonstration
- 17 6 NYCRR 212.6 (a): Compliance Demonstration
- 18 6 NYCRR 212.10 (e): RACT Applicability for Major Facilities
- 19 6 NYCRR 228-1.1 (a) (3): Once in always in
- 20 6 NYCRR 230.5: Compliance Demonstration
- 21 40CFR 63.10(b)(3), Subpart A: Compliance Demonstration
- 22 40CFR 82, Subpart E: Standards for labeling of products using ozone-depleting substances

Emission Unit Level

- 23 6 NYCRR Subpart 201-7: Emission Unit Permissible Emissions

EU=A-DHES1

- 24 6 NYCRR 212.4 (c): Compliance Demonstration
- 25 6 NYCRR 228-2.4 (d): Compliance Demonstration
- 26 6 NYCRR 228-2.5 (a): Compliance Demonstration
- 27 6 NYCRR 228-2.5 (c): Compliance Demonstration

EU=B-OILR1

- 28 6 NYCRR 227-1.3 (a): Compliance Demonstration
- 29 6 NYCRR 227-1.3 (b): Compliance Demonstration
- 30 6 NYCRR 231-2.6: Compliance Demonstration

EU=C-AB007

- 31 6 NYCRR 212.10 (c) (4) (i): Compliance Demonstration

EU=C-PYRO1

- 32 6 NYCRR 212.10 (f): Compliance Demonstration

STATE ONLY ENFORCEABLE CONDITIONS

Facility Level

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- 33 ECL 19-0301: Contaminant List
- 34 6 NYCRR 201-1.4: Malfunctions and start-up/shutdown activities
- 35 6 NYCRR Subpart 201-5: Emission Unit Definition
- 36 6 NYCRR 201-5.2 (c): Renewal deadlines for state facility permits
- 37 6 NYCRR 201-5.3 (c): Compliance Demonstration
- 38 6 NYCRR 211.2: Visible Emissions Limited
- 39 6 NYCRR 221.2: Asbestos containing surface coatings prohibited

Emission Unit Level

- 40 6 NYCRR Subpart 201-5: Emission Point Definition By Emission Unit
- 41 6 NYCRR Subpart 201-5: Process Definition By Emission Unit

NOTE: * preceding the condition number indicates capping.



FEDERALLY ENFORCEABLE CONDITIONS
****** Facility Level ******

NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS

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

Item A: Sealing - 6 NYCRR 200.5

The Commissioner may seal an air contamination source to prevent its operation if compliance with 6 NYCRR Chapter III is not met within the time provided by an order of the Commissioner issued in the case of the violation.

Sealing means labeling or tagging a source to notify any person that operation of the source is prohibited, and also includes physical means of preventing the operation of an air contamination source without resulting in destruction of any equipment associated with such source, and includes, but is not limited to, bolting, chaining or wiring shut control panels, apertures or conduits associated with such source.

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

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

Item B: Acceptable Ambient Air Quality - 6 NYCRR 200.6

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

Item C: Maintenance of Equipment - 6 NYCRR 200.7

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



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: Emergency Defense - 6 NYCRR 201-1.5

An emergency constitutes an affirmative defense to an action brought 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 and/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;
- (3) During the period of the emergency the facility owner and/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 and/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 and/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 F: 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 G: 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 H: 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 I: 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 J: 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 K: 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 L: 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 M: 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: Acceptable Ambient Air Quality



Effective between the dates of 04/15/2014 and 04/14/2024

Applicable Federal Requirement:6 NYCRR 200.6

Item 1.1:

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.

Condition 2: Open Fires - Prohibitions

Effective between the dates of 04/15/2014 and 04/14/2024

Applicable Federal Requirement:6 NYCRR 215.2

Item 2.1:

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

Item 2.2

Per Section 215.3, burning in an open fire, provided it is not contrary to other law or regulation, will be allowed as follows:

- (a) On-site burning in any town with a total population less than 20,000 of downed limbs and branches (including branches with attached leaves or needles) less than six inches in diameter and eight feet in length between May 15th and the following March 15th. For the purposes of this subdivision, the total population of a town shall include the population of any village or portion thereof located within the town. However, this subdivision shall not be construed to allow burning within any village.
- (b) Barbecue grills, maple sugar arches and similar outdoor cooking devices when actually used for cooking or processing food.
- (c) Small fires used for cooking and camp fires provided that only charcoal or untreated wood is used as fuel and the fire is not left unattended until extinguished.
- (d) On-site burning of agricultural wastes as part of a valid agricultural operation on contiguous agricultural lands larger than five acres actively devoted to agricultural or horticultural use, provided such waste is actually grown or generated on those lands and such waste is capable of being fully burned within a 24-hour period.
- (e) The use of liquid petroleum fueled smudge pots to prevent frost damage to crops.
- (f) Ceremonial or celebratory bonfires where not otherwise prohibited by law, provided that only untreated wood or other agricultural products are used as fuel and the fire is not left unattended until extinguished.
- (g) Small fires that are used to dispose of a flag or religious item, and small fires or other smoke producing process where not otherwise prohibited by law that are used in connection with a religious ceremony.
- (h) Burning on an emergency basis of explosive or other dangerous or contraband materials by police or other public safety organization.
- (i) Prescribed burns performed according to Part 194 of this Title.
- (j) Fire training, including firefighting, fire rescue, and fire/arson investigation training, performed under applicable rules and guidelines of the New York State Department of State's Office of Fire Prevention and Control. For fire training performed on acquired structures, the structures must be emptied and stripped of any material that is toxic, hazardous or likely to emit



toxic smoke (such as asbestos, asphalt shingles and vinyl siding or other vinyl products) prior to burning and must be at least 300 feet from other occupied structures. No more than one structure per lot or within a 300 foot radius (whichever is bigger) may be burned in a training exercise.

(k) Individual open fires as approved by the Director of the Division of Air Resources as may be required in response to an outbreak of a plant or animal disease upon request by the commissioner of the Department of Agriculture and Markets, or for the destruction of invasive plant and insect species.

(l) Individual open fires that are otherwise authorized under the environmental conservation law, or by rule or regulation of the Department.

Condition 3: Maintenance of Equipment
Effective between the dates of 04/15/2014 and 04/14/2024

Applicable Federal Requirement:6 NYCRR 200.7

Item 3.1:

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, required to operate such device effectively.

Condition 4: Recycling and Salvage
Effective between the dates of 04/15/2014 and 04/14/2024

Applicable Federal Requirement:6 NYCRR 201-1.7

Item 4.1:

Where practical, the owner or operator of an air contamination source shall recycle or salvage air contaminants collected in an air cleaning device according to the requirements of the ECL.

Condition 5: Prohibition of Reintroduction of Collected Contaminants to the air
Effective between the dates of 04/15/2014 and 04/14/2024

Applicable Federal Requirement:6 NYCRR 201-1.8

Item 5.1:

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.

Condition 6: Exempt Sources - Proof of Eligibility
Effective between the dates of 04/15/2014 and 04/14/2024

Applicable Federal Requirement:6 NYCRR 201-3.2 (a)

Item 6.1:

The owner or operator of an emission source or activity that is listed as being exempt may be required to certify that it is operated within the specific criteria described in this Subpart. The owner or operator of any such emission source or activity must maintain all records necessary for demonstrating compliance with this Subpart on-site for a period of five years, and make them



available to representatives of the department upon request.

Condition 7: Trivial Sources - Proof of Eligibility
Effective between the dates of 04/15/2014 and 04/14/2024

Applicable Federal Requirement:6 NYCRR 201-3.3 (a)

Item 7.1:

The owner or operator of an emission source or activity that is listed as being trivial in this Section may be required to certify that it is operated within the specific criteria described in this Subpart. The owner or operator of any such emission source or activity must maintain all required records on-site for a period of five years and make them available to representatives of the department upon request.

Condition 8: Required Emissions Tests
Effective between the dates of 04/15/2014 and 04/14/2024

Applicable Federal Requirement:6 NYCRR 202-1.1

Item 8.1:

For the purpose of ascertaining compliance or non-compliance with any air pollution control code, rule or regulation, the commissioner may require the person who owns such air contamination source to submit an acceptable report of measured emissions within a stated time.

Condition 9: Required Emissions Tests
Effective between the dates of 04/15/2014 and 04/14/2024

Applicable Federal Requirement:6 NYCRR 202-1.1

Item 9.1:

For the purpose of ascertaining compliance or non-compliance with any air pollution control code, rule or regulation, the commissioner may require the person who owns such air contamination source to submit an acceptable report of measured emissions within a stated time.

Condition 10: Accidental release provisions.
Effective between the dates of 04/15/2014 and 04/14/2024

Applicable Federal Requirement:40 CFR Part 68

Item 10.1:

If a chemical is listed in Tables 1,2,3 or 4 of 40 CFR §68.130 is present in a process in quantities greater than the threshold quantity listed in Tables 1,2,3 or 4, the following requirements will apply:

- a) The owner or operator shall comply with the provisions of 40 CFR Part 68 and;
- b) The owner or operator shall submit at the time of permit issuance (if not previously submitted) one of the following, if such quantities are present:

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1) A compliance schedule for meeting the requirements of 40 CFR Part 68 by the date provided in 40 CFR §68.10(a) or,

2) A certification statement that the source is in compliance with all requirements of 40 CFR Part 68, including the registration and submission of the Risk Management Plan. Information should be submitted to:

Risk Management Plan Reporting Center
C/O CSC
8400 Corporate Dr
Carrollton, Md. 20785

Condition 11: Recycling and Emissions Reduction
Effective between the dates of 04/15/2014 and 04/14/2024

Applicable Federal Requirement:40CFR 82, Subpart F

Item 11.1:

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

Condition 12: Recycling and Emissions Reduction
Effective between the dates of 04/15/2014 and 04/14/2024

Applicable Federal Requirement:40CFR 82, Subpart F

Item 12.1:

The permittee shall comply with the standards for recycling and emissions reduction pursuant to 40 CFR Part 82, Subpart F, except as provided for MVAC's in Subpart B:

- a. Persons opening appliances for maintenance, service, repair, or disposal must comply with the required practices pursuant to 40 CFR Part 82.156.
- b. Equipment used during the maintenance, service, repair, or disposal of appliances must comply with the standards for recycling and recovery equipment pursuant to 40 CFR Part 82.158.
- c. Persons performing maintenance, service, repair, or disposal of appliances must be certified by an approved technician certification program pursuant to 40 CFR Part 82.161.
- d. Persons disposing of small appliances, MVAC's, and MVAC-like appliances must comply with recordkeeping requirements pursuant to 40 CFR Part 82.166. ("MVAC-like appliance as defined at 40 CFR Part 82.152)
- e. Persons owning commercial or industrial process refrigeration equipment must comply with the leak repair requirements pursuant to 40 CFR Part 82.156.
- f. Owners/operators of appliances normally containing 50 or more pounds of refrigerant must keep records of refrigerant purchased and added to such appliances pursuant to 40 CFR Part 82.166.

Condition 13: Facility Permissible Emissions



Effective between the dates of 04/15/2014 and 04/14/2024

Applicable Federal Requirement:6 NYCRR Subpart 201-7

Item 13.1:

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: 0NY210-00-0

PTE: 166,000 pounds per year

Name: OXIDES OF NITROGEN

Condition 14: Capping Monitoring Condition

Effective between the dates of 04/15/2014 and 04/14/2024

Applicable Federal Requirement:6 NYCRR Subpart 201-7

Item 14.1:

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 201-6.1

6 NYCRR 227-2.1

Item 14.2:

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

Item 14.3:

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 14.4:

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 14.5:

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 14.6:



The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 000630-08-0	CARBON MONOXIDE
CAS No: 0NY750-00-0	CARBON DIOXIDE EQUIVALENTS
CAS No: 0NY210-00-0	OXIDES OF NITROGEN

Item 14.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

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

Monitoring Description:

Facility-wide emissions of nitrogen oxides (NO_x) shall be limited to less than 83 tons per each rolling twelve month period to avoid the NO_x RACT(Reasonably Available Control Technology) requirements of 6NYCRR, Part 227-2.1. Records of facility NO_x emissions are to be maintained and in accordance with 6NYCRR, Part 227-2.3(a)(2), this Department shall be notified if NO_x emissions exceed 80 ton limit during any consecutive twelve month period.

Records are to be retained on-site for a period of five years in a format easily verifiable and made accessible to Department representatives on request during normal business hours.

This NO_x cap will also effectively limit carbon monoxide (CO) to less than 100 tons and carbon dioxide equivalents(CO₂e) to less than the major source threshold of 100,000 tons per year. The CO₂ equivalents (CO_e) are calculated using the calculation methodologies and appropriate emission factors referenced in 40 CFR 98. The CO₂e for 83 tons of NO_x is 99,800 tons.

Monthly fuel use records and AP-42 emission factors are to be used to calculate emissions as follows:

1. AP-42 Emission factors for the two 57 mmbtu natural gas/ # 2 fuel oil stationary combustion units which exhaust to emission point D79-1:

Natural Gas Usage: 100 pounds of NO_x per million standard cubic foot gas burned

Number 2 Fuel Oil: 20 pounds of NO_x per thousand gallons of fuel oil burned

2. AP-42 Emission factors for the emergency generators using diesel fuel:

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- 4.41 lb/mm/btu fuel input for up to 600 HP
- 3.2 lb/mmbtu fuel input for over 600 HP

3. NOx emissions are to be calculated from all exempt and trivial combustion sources. AP-42 emission factors may be used for combustion sources less than 20 MMBtu/hr heat input:

Natural Gas Usage: 100 pounds of NOx per million standard cubic foot gas burned

4. Facility wide NOx emissions from all process emission sources shall be included.

5. An annual certification is to be submitted demonstrating compliance with this emission cap and forwarded to NYSDEC, 270 Michigan Avenue, Buffalo, NY 14202.

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 83 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.

The initial report is due 1/30/2015.

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

Condition 15: Air pollution prohibited
Effective between the dates of 04/15/2014 and 04/14/2024

Applicable Federal Requirement:6 NYCRR 211.1

Item 15.1:

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

Condition 16: Compliance Demonstration
Effective between the dates of 04/15/2014 and 04/14/2024

Applicable Federal Requirement:6 NYCRR 212.4 (c)

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Item 16.1:

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

Emission Unit: C-AB007

Emission Unit: C-PYRO1

Emission Unit: F-BEVAP

Emission Unit: I-NDBR2

Emission Unit: V-BRAZ1

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 16.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Particulate emissions from any process emission source which has been constructed after July 1, 1973 shall not exceed 0.050 grains per cubic foot of exhaust gas, expressed at standard conditions on a dry gas basis.

This Department reserves the right to request a Method 5 test at any time to confirm particulate emissions from any process emission source.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.050 grains per standard cubic foot

Reference Test Method: Method 5

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 17: Compliance Demonstration
Effective between the dates of 04/15/2014 and 04/14/2024

Applicable Federal Requirement:6 NYCRR 212.6 (a)

Item 17.1:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

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Item 17.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

Process sources described within this permit are subject to the opacity limits of 6NYCRR, Part 212.6(a) which states that "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 with this requirement shall be demonstrated by maintaining process equipment and any associated emission control equipment and responding to any malfunctions immediately. In addition, twice per year, the facility shall conduct an inspection of the production roof areas and make a visual observation of all process emission points. Any observed emissions or fallout shall result in corrective action per the facility maintenance plan.

This Department reserves the right to require Method 9 opacity observations at any time.

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Reference Test Method: Method 9

Monitoring Frequency: Bi Annually

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 18: RACT Applicability for Major Facilities
Effective between the dates of 04/15/2014 and 04/14/2024**

Applicable Federal Requirement:6 NYCRR 212.10 (e)

Item 18.1:

All process sources applicable to 6 NYCRR Part 212.10 after May 31, 1995 will remain subject to all provisions of that section even if the facility's annual potential to emit of nitrogen oxides or volatile organic emissions falls below the applicability thresholds.

**Condition 19: Once in always in
Effective between the dates of 04/15/2014 and 04/14/2024**

Applicable Federal Requirement:6 NYCRR 228-1.1 (a) (3)

Item 19.1:

Any coating line that is or becomes subject to the provisions of Subpart 228-1 will remain

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subject to these provisions even if the annual potential to emit or actual emissions of VOCs for the facility later falls below the thresholds set forth in Subdivision 228-1.1(a).

Condition 20: Compliance Demonstration
Effective between the dates of 04/15/2014 and 04/14/2024

Applicable Federal Requirement:6 NYCRR 230.5

Item 20.1:

The Compliance Demonstration activity will be performed for the Facility.

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

Item 20.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

The owner and/or operator of a gasoline dispensing site must maintain records showing the gallons of gasoline delivered during each rolling 12-month period. This rolling total will be used to determine if the annual throughput exceeds 120,000 gallons thereby making the site subject to the requirements of Part 230.2. The appropriate Stage I vapor collection system must be in place prior to any site exceeding the 120,000 gallons in annual throughput.

Once a gasoline dispensing site becomes subject to the requirements of Part 230.2 because its annual gasoline thruptut exceeds the applicability threshold, subsequent decreases in gasoline thruptut do not excuse a source owner from having to maintain the effectiveness of the Stage I equipment.

Records must be maintained at the site for a period of five years and be made available to Department representatives on request during normal business hours.

An annual certification demonstrating the throughput has remained less than 120,000 gallons is to be submitted to: NYSDEC, 270 Michigan Avenue, Buffalo, NY 14202.

Stage II vapor collection systems may be required in Upstate New York at a later date.

Parameter Monitored: GASOLINE
Upper Permit Limit: 120000 gallons per year
Monitoring Frequency: PER DELIVERY

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Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2015.

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

Condition 21: Compliance Demonstration
Effective between the dates of 04/15/2014 and 04/14/2024

Applicable Federal Requirement:40CFR 63.10(b)(3), Subpart A

Item 21.1:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 0NY100-00-0 TOTAL HAP

Item 21.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

As the owner or operator of a stationary source that emits or has the potential to emit without considering controls, one or more hazardous air pollutants, the permittee shall review and determine National Emission Standards for Hazardous Air Pollutants (NESHAP) applicability regularly.

A record of the applicability/non-applicability determination shall be kept on-site for a period of 5 years after the determination was made or until the source changes its operation and becomes an affected source.

These records are to be kept on-site and made available to Department representatives on request.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 22: Standards for labeling of products using ozone-depleting substances

Effective between the dates of 04/15/2014 and 04/14/2024

Applicable Federal Requirement:40CFR 82, Subpart E

Item 22.1:

The permittee shall comply with the standards for labeling of products using ozone-depleting substances pursuant to 40 CFR Part 82, Subpart E:

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a. All containers containing a class I or class II substance that is stored or transported, all products containing a class I substance, and all products directly manufactured with a class I substance must bear the required warning statement if it is being introduced into interstate commerce pursuant to 40 CFR Part 82.106.

b. The placement of the required warning statement must comply with the requirements pursuant to 40 CFR Part 82.108.

c. The form of the label bearing the required warning statement must comply with the requirements pursuant to 40 CFR Part 82.110.

d. No person may modify, remove, or interfere with the required warning statement except as described in 40 CFR Part 82.112.

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

Condition 23: Emission Unit Permissible Emissions
Effective between the dates of 04/15/2014 and 04/14/2024

Applicable Federal Requirement:6 NYCRR Subpart 201-7

Item 23.1:

The sum of emissions from all regulated processes specified in this permit for the emission unit cited shall not exceed the following Potential to Emit (PTE) rates for each regulated contaminant:

Emission Unit: B-OILR1

CAS No: 0NY210-00-0

Name: OXIDES OF NITROGEN

PTE(s): 17.35 pounds per hour

152,000 pounds per year

Condition 24: Compliance Demonstration
Effective between the dates of 04/15/2014 and 04/14/2024

Applicable Federal Requirement:6 NYCRR 212.4 (c)

Item 24.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: A-DHES1

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 24.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL



DEVICE PARAMETERS AS SURROGATE

Monitoring Description:

Particulate emissions from emission points associated with the manual application of cornstarch (EP IIR02) and the sheet roller applicator machines for hot melt adhesive (EP IIR01) shall not exceed 0.05 gr/dscf.

The permittee shall examine the roof area on an annual basis to check for fall-out from these emission points.

The Department reserves the right to request a Method 5 source test if compliance with the particulate limit becomes questionable.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.05 grains per dscf

Reference Test Method: Method 5

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 25: Compliance Demonstration
Effective between the dates of 04/15/2014 and 04/14/2024

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

Item 25.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: A-DHES1

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

Item 25.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Work practices shall be employed at facilities where the total actual VOC emissions from all industrial adhesive application processes, including related cleaning activities, equal or exceed three tons in a 12-month rolling period, before consideration of emission control equipment. Work practices shall include:

(1) the following types of application equipment, with the use of low-VOC adhesives or adhesive primers: electrostatic spray; HVLP spray; flow coat; roll coat or



hand application, including non-spray application methods similar to hand or mechanically powered caulking gun, brush, or direct hand application; dip coat (including electrodeposition); airless spray; air-assisted airless spray; any other adhesive application method, subject to Department approval, capable of achieving a transfer efficiency equivalent to or better than that achieved by HVLP spraying;

(2) the following work practices for storage, mixing operations, and handling operations for adhesives, thinners, and adhesive-related waste materials that:

(i) store all VOC-containing adhesives, adhesive primers, and process related waste materials in closed containers;

(ii) ensure that mixing and storage containers used for VOC-containing adhesives, adhesive primers, and process related waste materials are kept closed at all times except when depositing or removing these materials;

(iii) minimize spills of VOC-containing adhesives, adhesive primers, and process related waste materials; and

(iv) convey VOC-containing adhesives, adhesive primers, and process related waste materials from one location to another in closed containers or pipes.

(3) the following work practices to reduce VOC emissions from cleaning materials used in industrial adhesive application processes that:

(i) store all VOC-containing cleaning materials and used shop towels in closed containers;

(ii) ensure that storage containers used for VOC-containing materials are kept closed at all times except when depositing or removing these materials;

(iii) minimize spills of VOC-containing cleaning materials;

(iv) convey VOC-containing cleaning materials from one location to another in closed containers or pipes; and

(v) minimize VOC emission from cleaning of application,



storage, mixing, and conveying equipment by ensuring that equipment cleaning is performed without atomizing the cleaning solvent and all spent solvent is captured in closed containers.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 26: Compliance Demonstration
Effective between the dates of 04/15/2014 and 04/14/2024

Applicable Federal Requirement: 6 NYCRR 228-2.5 (a)

Item 26.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: A-DHES1

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

Item 26.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Facilities using products subject to a VOC content limit in 6 NYCRR Part 228-2.4(a) 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.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 27: Compliance Demonstration
Effective between the dates of 04/15/2014 and 04/14/2024

Applicable Federal Requirement:6 NYCRR 228-2.5 (c)

Item 27.1:
The Compliance Demonstration activity will be performed for:

Emission Unit: A-DHES1

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

Item 27.2:
Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

All records made to determine compliance with Subpart 228-2 shall be maintained for five years from the date such record is created and shall be made available to the Department within 90 days of a request.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 28: Compliance Demonstration
Effective between the dates of 04/15/2014 and 04/14/2024

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

Item 28.1:
The Compliance Demonstration activity will be performed for:

Emission Unit: B-OILR1

Item 28.2:
Compliance Demonstration shall include the following monitoring:

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

No owner or operator of a combustion installation shall

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operate the installation in such a way to emit greater than 20 percent opacity except for one six minute period per hour, not to exceed 27 percent, based upon the six minute average in reference test Method 9 in Appendix A of 40 CFR 60.

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: UPON REQUEST BY REGULATORY AGENCY

Condition 29: Compliance Demonstration
Effective between the dates of 04/15/2014 and 04/14/2024

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

Item 29.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: B-OILR1

Item 29.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

Startup and emergency emissions in excess of those permitted by 227-1.3(a) shall not be considered a violation if the source owner can demonstrate to the satisfaction of the commissioner that such excessive emissions were not preventable.

Parameter Monitored: OPACITY
Upper Permit Limit: 20 percent
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Averaging Method: 6 MINUTE AVERAGE
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 30: Compliance Demonstration
Effective between the dates of 04/15/2014 and 04/14/2024

Applicable Federal Requirement:6 NYCRR 231-2.6

Item 30.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: B-OILR1



Regulated Contaminant(s):
CAS No: 0NY210-00-0 OXIDES OF NITROGEN

Item 30.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Emission reduction credits (ERCs) for netting and offsets in the amount of 24.6 tons of nitrogen oxides were established on January 24, 1997 for the reduction in boiler operations. Since the future potential emissions are limited by the federally enforceable permit conditions established in the facility NO_x RACT cap, ERCs were certified for reductions beyond the (less than) 100 ton cap. Therefore, the reductions will be enforced through the permit conditions limiting nitrogen oxides established in the facility wide NO_x RACT cap.

The ERCs are now available for offset purposes only because they are no longer within the contemporaneous period for any source project.

Of the three emission points certified at that time for reduction in use (D79-1, 016-1 and 016-2), the stationary combustion units directed to 016-1 and 016-2 have been shut-down and partially dismantled. The two boilers directed to emission point D79-1 remain for low-load use although steam can be supplied by the adjacent Lockport Co-gen facility.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 31: Compliance Demonstration
Effective between the dates of 04/15/2014 and 04/14/2024

Applicable Federal Requirement:6 NYCRR 212.10 (c) (4) (i)

Item 31.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: C-AB007

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

Item 31.2:

Compliance Demonstration shall include the following monitoring:

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Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The emission rate potential of volatile organic compounds (VOC) from each thermal degreaser described in this emission unit exceeds 3 pounds per hour. Therefore, these thermal degreasers are subject to the Reasonably Available Control Technology (RACT) requirements of this subpart. Each thermal degreaser is equipped with a thermal oxidizer which is required to maintain a minimum overall removal efficiency of 81%.

The stack tests conducted on July 27, 2006 and July 28, 2006 on representative emission source DBSPC (B-Zone South Thermal Oxidizer-EP 7BS01) demonstrated that the thermal degreasers provide a destruction efficiency that exceeds the required minimum overall 81% removal efficiency for VOC at both temperatures of 750 degrees Centigrade and 705 degrees Centigrade.

Compliance with this condition will be demonstrated by maintenance of the temperature at a minimum 705 degrees C, when in production.

Temperature records shall be maintained on-site for a period of 5 years and be made to Department representatives on request.

Lower Permit Limit: 81 percent reduction by weight

Reference Test Method: Method 18 and Method 24

Monitoring Frequency: CONTINUOUS

Averaging Method: MINIMUM - NOT TO FALL BELOW STATED VALUE - SEE MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 32: Compliance Demonstration
Effective between the dates of 04/15/2014 and 04/14/2024

Applicable Federal Requirement:6 NYCRR 212.10 (f)

Item 32.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: C-PYRO1

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

Item 32.2:

Compliance Demonstration shall include the following monitoring:

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



Monitoring Description:

The controlled pyrolysis furnace will remove cured paints and coatings on parts such as paint hooks, racks and hangers, through the decomposition of organic compounds resulting in emissions of volatile organic compounds (VOC), nitrogen oxides, and particulates. These decomposition products are then consumed in the integrated afterburner.

The processing burner (lower burner) on the furnace is electrically interlocked with the afterburner so that the processing burner will not run unless the afterburner is on. If the afterburner shuts off due to a flame loss condition or other malfunction, the processing burner will be turned off.

The afterburner must be at 1400 deg F minimum during the "processing" part of the operating cycle (excluding start-up and shut-down, as indicated by a primary/processing chamber temperature in excess of 600 deg. F).

The processing burner will be interlocked with the afterburner such that if the afterburner fails (i.e. no flame), the processing burner will shut down.

Temperature monitoring data will be examined weekly. If such data shows that the afterburner did not achieve and maintain a minimum of 1400 deg. F during the processing part of the operating cycle, the furnace will not be operated until the problem is identified and corrected.

Records shall be maintained on-site for a period of 5 years and made available to Department representatives on request.

Parameter Monitored: TEMPERATURE

Lower Permit Limit: 1400 degrees Fahrenheit

Monitoring Frequency: WHEN THE SOURCE IS OPERATING

Averaging Method: RANGE-NOT TO FALL OUTSIDE OF STATED RANGE EXCEPT DURING STARTUP/SHUTDOWN

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY



STATE ONLY ENFORCEABLE CONDITIONS
****** Facility Level ******

NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS

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

Item A: 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. 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 B: 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 33: Contaminant List
Effective between the dates of 04/15/2014 and 04/14/2024



Applicable State Requirement:ECL 19-0301

Item 33.1:

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

CAS No: 000630-08-0
Name: CARBON MONOXIDE

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

CAS No: 0NY100-00-0
Name: TOTAL HAP

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

CAS No: 0NY750-00-0
Name: CARBON DIOXIDE EQUIVALENTS

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

**Condition 34: Malfunctions and start-up/shutdown activities
Effective between the dates of 04/15/2014 and 04/14/2024**

Applicable State Requirement:6 NYCRR 201-1.4

Item 34.1:

(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 maintain records of the malfunction and notify the department as soon as possible during normal working

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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 35: Emission Unit Definition
Effective between the dates of 04/15/2014 and 04/14/2024

Applicable State Requirement:6 NYCRR Subpart 201-5

Item 35.1:

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

Emission Unit: A-DHES1

Emission Unit Description:

Application of adhesives to join manufactured components.

This emission unit describes operations associated with manual hot melt adhesive stations; sheet roller applicator for hot melt; water-based adhesives, a powder application station and a heat-cured silicone sealant.

Building(s): BLDG07
BLDG10N

Item 35.2:

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

Emission Unit: B-OILR1

Emission Unit Description:

Two 60 MMbtu/hr dual fired gas/number 2 fuel oil package boilers located in Building 9 used to generate steam for space heating and manufacturing processes needs. Steam is also available from the adjacent Lockport Energy Cogeneration Facility. Both boilers vent through emission point D79-1.

Building(s): BLDG09

Item 35.3:

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

Emission Unit: C-AB007

Emission Unit Description:

Controlled Atmosphere Brazing lines to produce heat exchangers. There are ten braze lines of which six lines

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include a thermal degreaser with a thermal oxidizer. These six lines have been added during the period of September 1999 through December 2004 and evaluated as one source project.

Building(s): BLDG07

Item 35.4:

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

Emission Unit: C-PYRO1

Emission Unit Description:

Controlled Pyrolysis furnace for the thermal cleaning of hooks, fixtures, etc. from on-site painting operations.

Building(s): BLDG07

Item 35.5:

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

Emission Unit: F-BEVAP

Emission Unit Description:

Evaporator Flame Braze includes flame braze cells located in Building 7.

Building(s): BLDG07
BLDG08

Item 35.6:

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

Emission Unit: I-NDBR2

Emission Unit Description:

Assembly of manufactured components by induction brazing, welding, and flame brazing.

Building(s): BLDG08
BLDG10

Item 35.7:

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

Emission Unit: V-BRAZ1

Emission Unit Description:

Vacuum brazing in electrically heated furnaces.

Building(s): BLDG07
BLDG08

**Condition 36: Renewal deadlines for state facility permits
Effective between the dates of 04/15/2014 and 04/14/2024**

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

Item 36.1:

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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 37: Compliance Demonstration
Effective between the dates of 04/15/2014 and 04/14/2024

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

Item 37.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 37.2:

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

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 1/30/2015.

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

Condition 38: Visible Emissions Limited
Effective between the dates of 04/15/2014 and 04/14/2024

Applicable State Requirement:6 NYCRR 211.2

Item 38.1:

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 39: Asbestos containing surface coatings prohibited
Effective between the dates of 04/15/2014 and 04/14/2024

Applicable State Requirement:6 NYCRR 221.2

Item 39.1:

No person shall engage in or allow surface coating by the spraying of asbestos or



asbestos-containing materials.

**** Emission Unit Level ****

Condition 40: Emission Point Definition By Emission Unit
Effective between the dates of 04/15/2014 and 04/14/2024

Applicable State Requirement:6 NYCRR Subpart 201-5

Item 40.1:

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

Emission Unit: A-DHES1

Emission Point: CIPG1
Height (ft.): 24 Diameter (in.): 6
NYTMN (km.): 4786.031 NYTME (km.): 196.455 Building: BLDG07

Emission Point: HM1-1
Height (ft.): 43 Diameter (in.): 16
NYTMN (km.): 4785.22 NYTME (km.): 195.929 Building: BLDG07

Emission Point: IIR01
Height (ft.): 38 Diameter (in.): 20
NYTMN (km.): 4786.031 NYTME (km.): 196.455 Building: BLDG10N

Emission Point: IIR02
Height (ft.): 38 Diameter (in.): 12
NYTMN (km.): 4786.031 NYTME (km.): 196.455 Building: BLDG10N

Item 40.2:

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

Emission Unit: B-OILR1

Emission Point: 0D791
Height (ft.): 48 Diameter (in.): 60
NYTMN (km.): 4786.031 NYTME (km.): 196.455 Building: BLDG09

Item 40.3:

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

Emission Unit: C-AB007

Emission Point: 7AN01
Height (ft.): 29 Diameter (in.): 24
NYTMN (km.): 4786.031 NYTME (km.): 196.455 Building: BLDG07

Emission Point: 7AN02
Height (ft.): 39 Diameter (in.): 8
NYTMN (km.): 4786.031 NYTME (km.): 196.455 Building: BLDG07



Emission Point: 7AN03
Height (ft.): 39 Diameter (in.): 36
NYTMN (km.): 4786.031 NYTME (km.): 196.455 Building: BLDG07

Emission Point: 7AN04
Height (ft.): 39 Diameter (in.): 36
NYTMN (km.): 4786.031 NYTME (km.): 196.455 Building: BLDG07

Emission Point: 7AS01
Height (ft.): 29 Diameter (in.): 24
NYTMN (km.): 4786.031 NYTME (km.): 196.455 Building: BLDG07

Emission Point: 7AS02
Height (ft.): 39 Diameter (in.): 8
NYTMN (km.): 4786.031 NYTME (km.): 196.455 Building: BLDG07

Emission Point: 7AS03
Height (ft.): 39 Diameter (in.): 36
NYTMN (km.): 4786.031 NYTME (km.): 196.455 Building: BLDG07

Emission Point: 7AS04
Height (ft.): 39 Diameter (in.): 36
NYTMN (km.): 4786.031 NYTME (km.): 196.455 Building: BLDG07

Emission Point: 7BN01
Height (ft.): 39 Diameter (in.): 24
NYTMN (km.): 4786.031 NYTME (km.): 196.455 Building: BLDG07

Emission Point: 7BN02
Height (ft.): 29 Diameter (in.): 8
NYTMN (km.): 4786.031 NYTME (km.): 196.455 Building: BLDG07

Emission Point: 7BN03
Height (ft.): 29 Diameter (in.): 36
NYTMN (km.): 4786.031 NYTME (km.): 196.455 Building: BLDG07

Emission Point: 7BN04
Height (ft.): 29 Diameter (in.): 36
NYTMN (km.): 4786.031 NYTME (km.): 196.455 Building: BLDG07

Emission Point: 7BS01
Height (ft.): 39 Diameter (in.): 16
NYTMN (km.): 4786.031 NYTME (km.): 196.455 Building: BLDG07

Emission Point: 7BS02
Height (ft.): 29 Diameter (in.): 8
NYTMN (km.): 4786.031 NYTME (km.): 196.455 Building: BLDG07

Emission Point: 7BS03
Height (ft.): 39 Diameter (in.): 36
NYTMN (km.): 4786.031 NYTME (km.): 196.455 Building: BLDG07

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Emission Point: 7BS04
Height (ft.): 39 Diameter (in.): 36
NYTMN (km.): 4786.031 NYTME (km.): 196.455 Building: BLDG07

Emission Point: 7DN01
Height (ft.): 44 Diameter (in.): 8
NYTMN (km.): 4786.031 NYTME (km.): 196.455 Building: BLDG07

Emission Point: 7DN02
Height (ft.): 38 Diameter (in.): 8
NYTMN (km.): 4786.031 NYTME (km.): 196.455 Building: BLDG07

Emission Point: 7DN03
Height (ft.): 38 Diameter (in.): 6
NYTMN (km.): 4786.031 NYTME (km.): 196.455 Building: BLDG07

Emission Point: 7DN04
Height (ft.): 37 Diameter (in.): 36
NYTMN (km.): 4786.031 NYTME (km.): 196.455 Building: BLDG07

Emission Point: 7DS01
Height (ft.): 50 Diameter (in.): 12
NYTMN (km.): 4786.031 NYTME (km.): 196.455 Building: BLDG07

Emission Point: 7DS02
Height (ft.): 38 Diameter (in.): 10
NYTMN (km.): 4786.031 NYTME (km.): 196.455 Building: BLDG07

Emission Point: 7DS03
Height (ft.): 42 Diameter (in.): 10
NYTMN (km.): 4786.031 NYTME (km.): 196.455 Building: BLDG07

Emission Point: 7DS04
Height (ft.): 32 Diameter (in.): 36
NYTMN (km.): 4786.031 NYTME (km.): 196.455 Building: BLDG07

Emission Point: 7IN01
Height (ft.): 34 Diameter (in.): 24
NYTMN (km.): 4786.031 NYTME (km.): 196.455 Building: BLDG07

Emission Point: 7IN02
Height (ft.): 34 Diameter (in.): 8
NYTMN (km.): 4786.031 NYTME (km.): 196.455 Building: BLDG07

Emission Point: 7IN03
Height (ft.): 34 Diameter (in.): 36
NYTMN (km.): 4786.031 NYTME (km.): 196.455 Building: BLDG07

Emission Point: 7IN04
Height (ft.): 34 Diameter (in.): 36
NYTMN (km.): 4786.031 NYTME (km.): 196.455 Building: BLDG07

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Emission Point: 7IS01			
Height (ft.): 39	Diameter (in.): 24		
NYTMN (km.): 4786.031	NYTME (km.): 196.455	Building: BLDG07	
Emission Point: 7IS02			
Height (ft.): 39	Diameter (in.): 8		
NYTMN (km.): 4786.031	NYTME (km.): 196.455	Building: BLDG07	
Emission Point: 7IS03			
Height (ft.): 29	Diameter (in.): 36		
NYTMN (km.): 4786.031	NYTME (km.): 196.455	Building: BLDG07	
Emission Point: 7IS04			
Height (ft.): 29	Diameter (in.): 36		
NYTMN (km.): 4786.031	NYTME (km.): 196.455	Building: BLDG07	
Emission Point: 7KN01			
Height (ft.): 37	Diameter (in.): 7		
NYTMN (km.): 4786.031	NYTME (km.): 196.455	Building: BLDG07	
Emission Point: 7KN02			
Height (ft.): 40	Diameter (in.): 8		
NYTMN (km.): 4786.031	NYTME (km.): 196.455	Building: BLDG07	
Emission Point: 7KN03			
Height (ft.): 41	Diameter (in.): 8		
NYTMN (km.): 4786.031	NYTME (km.): 196.455	Building: BLDG07	
Emission Point: 7KN04			
Height (ft.): 37	Diameter (in.): 20		
NYTMN (km.): 4786.031	NYTME (km.): 196.455	Building: BLDG07	
Emission Point: 7KN05			
Height (ft.): 37	Diameter (in.): 20		
NYTMN (km.): 4786.031	NYTME (km.): 196.455	Building: BLDG07	
Emission Point: 7KS01			
Height (ft.): 35	Diameter (in.): 10		
NYTMN (km.): 4786.031	NYTME (km.): 196.455	Building: BLDG07	
Emission Point: 7KS02			
Height (ft.): 35	Diameter (in.): 8		
NYTMN (km.): 4786.031	NYTME (km.): 196.455	Building: BLDG07	
Emission Point: 7KS03			
Height (ft.): 33	Diameter (in.): 8		
NYTMN (km.): 4786.031	NYTME (km.): 196.455	Building: BLDG07	
Emission Point: 7KS04			
Height (ft.): 37	Diameter (in.): 20		
NYTMN (km.): 4786.031	NYTME (km.): 196.455	Building: BLDG07	

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Emission Point: 7KS05
Height (ft.): 37 Diameter (in.): 20
NYTMN (km.): 4786.031 NYTME (km.): 196.455 Building: BLDG07

Emission Point: FLUX1
Height (ft.): 34 Diameter (in.): 12
NYTMN (km.): 4786.031 NYTME (km.): 196.455 Building: BLDG07

Item 40.4:

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

Emission Unit: C-PYRO1

Emission Point: 7CZ01
Height (ft.): 42 Diameter (in.): 10
NYTMN (km.): 4786.031 NYTME (km.): 196.455 Building: BLDG07

Item 40.5:

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

Emission Unit: F-BEVAP

Emission Point: FBCI2
Height (ft.): 36 Diameter (in.): 14
NYTMN (km.): 4786.031 NYTME (km.): 196.455 Building: BLDG07

Emission Point: FBCI4
Height (ft.): 36 Diameter (in.): 14
NYTMN (km.): 4786.031 NYTME (km.): 196.455 Building: BLDG07

Emission Point: FBV01
Height (ft.): 40 Diameter (in.): 8
NYTMN (km.): 4786.031 NYTME (km.): 196.455 Building: BLDG07

Emission Point: FBV03
Height (ft.): 40 Diameter (in.): 8
NYTMN (km.): 4786.031 NYTME (km.): 196.455 Building: BLDG07

Emission Point: FBV04
Height (ft.): 40 Diameter (in.): 8
NYTMN (km.): 4786.031 NYTME (km.): 196.455 Building: BLDG07

Emission Point: FBV05
Height (ft.): 40 Diameter (in.): 8
NYTMN (km.): 4786.031 NYTME (km.): 196.455 Building: BLDG07

Emission Point: FBV06
Height (ft.): 40 Diameter (in.): 10
NYTMN (km.): 4786.031 NYTME (km.): 196.455 Building: BLDG07

Emission Point: FBV07

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Height (ft.): 40	Diameter (in.): 8	
NYTMN (km.): 4786.031	NYTME (km.): 196.455	Building: BLDG07
Emission Point: FBV08		
Height (ft.): 40	Diameter (in.): 8	
NYTMN (km.): 4786.031	NYTME (km.): 196.455	Building: BLDG07
Emission Point: FBV10		
Height (ft.): 45	Diameter (in.): 8	
NYTMN (km.): 4786.031	NYTME (km.): 196.455	Building: BLDG07
Emission Point: FBV11		
Height (ft.): 40	Diameter (in.): 8	
NYTMN (km.): 4786.031	NYTME (km.): 196.455	Building: BLDG07
Emission Point: FBV12		
Height (ft.): 40	Diameter (in.): 8	
NYTMN (km.): 4786.031	NYTME (km.): 196.455	Building: BLDG07
Emission Point: FBV13		
Height (ft.): 40	Diameter (in.): 8	
NYTMN (km.): 4786.031	NYTME (km.): 196.455	Building: BLDG07

Item 40.6:

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

Emission Unit: I-NDBR2		
Emission Point: 0X891		
Height (ft.): 34	Diameter (in.): 18	
NYTMN (km.): 4786.031	NYTME (km.): 196.455	Building: BLDG08
Emission Point: BB771		
Height (ft.): 34	Diameter (in.): 12	
NYTMN (km.): 4785.22	NYTME (km.): 195.929	Building: BLDG08
Emission Point: WR411		
Height (ft.): 36	Diameter (in.): 16	
NYTMN (km.): 4785.22	NYTME (km.): 195.929	Building: BLDG07
Emission Point: WR413		
Height (ft.): 36	Diameter (in.): 6	
NYTMN (km.): 4785.22	NYTME (km.): 195.929	Building: BLDG07

Item 40.7:

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

Emission Unit: V-BRAZ1		
Emission Point: 0S853		
Height (ft.): 48	Diameter (in.): 16	
NYTMN (km.): 4786.031	NYTME (km.): 196.455	Building: BLDG08



Emission Point: 0X811
Height (ft.): 48 Diameter (in.): 16
NYTMN (km.): 4786.031 NYTME (km.): 196.455 Building: BLDG08

Emission Point: 0X859
Height (ft.): 48 Diameter (in.): 16
NYTMN (km.): 4786.031 NYTME (km.): 196.455 Building: BLDG08

Emission Point: 0Z151
Height (ft.): 51 Diameter (in.): 4
NYTMN (km.): 4786.031 NYTME (km.): 196.455 Building: BLDG07

Emission Point: 0Z152
Height (ft.): 51 Diameter (in.): 4
NYTMN (km.): 4786.031 NYTME (km.): 196.455 Building: BLDG07

Emission Point: 0Z153
Height (ft.): 51 Diameter (in.): 4
NYTMN (km.): 4786.031 NYTME (km.): 196.455 Building: BLDG07

Emission Point: 0Z191
Height (ft.): 51 Diameter (in.): 4
NYTMN (km.): 4786.031 NYTME (km.): 196.455 Building: BLDG07

Emission Point: BB855
Height (ft.): 48 Diameter (in.): 16
NYTMN (km.): 4785.22 NYTME (km.): 195.929 Building: BLDG08

Emission Point: DD193
Height (ft.): 50 Diameter (in.): 4
NYTMN (km.): 4785.22 NYTME (km.): 195.929 Building: BLDG07

Emission Point: HH156
Height (ft.): 50 Diameter (in.): 4
NYTMN (km.): 4786.031 NYTME (km.): 196.455 Building: BLDG07

Emission Point: HH191
Height (ft.): 50 Diameter (in.): 4
NYTMN (km.): 4786.031 NYTME (km.): 196.455 Building: BLDG07

Condition 41: Process Definition By Emission Unit
Effective between the dates of 04/15/2014 and 04/14/2024

Applicable State Requirement:6 NYCRR Subpart 201-5

Item 41.1:

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

Emission Unit: A-DHES1
Process: CP1 Source Classification Code: 4-02-007-01
Process Description:



Cure-in-place gasket (CIPG) line 1. Robotic application of a 2-part liquid silicone rubber compound to form an integral gasket on plastic automotive parts. Parts are cured in an electrically-heated oven which vents outside the building. Meets definition of "sealant" in Subpart 228-2.

Emission Source/Control: CIP01 - Process

Item 41.2:

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

Emission Unit: A-DHES1
Process: CP2 Source Classification Code: 4-02-007-01
Process Description:

Cure-in-place gasket (CIPG) line 2. Robotic application of a 2-part liquid silicone rubber compound to form an integral gasket on plastic automotive parts. Parts are cured in an electrically-heated oven, which vents inside the building.

Emission Source/Control: CIP02 - Process

Item 41.3:

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

Emission Unit: A-DHES1
Process: CS1 Source Classification Code: 3-99-999-91
Process Description:

Manual application of corn starch powder to assembled foam rubber parts to reduce tackiness of stray adhesive and for ease of handling and assembly by the customer.

Emission Source/Control: CSS01 - Process

Item 41.4:

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

Emission Unit: A-DHES1
Process: HM1 Source Classification Code: 4-02-007-01
Process Description:

This process describes one hot melt adhesive station for adhesion of manufactured parts.

Emission Source/Control: HM1-3 - Process

Item 41.5:

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

Emission Unit: A-DHES1
Process: HM2 Source Classification Code: 4-02-007-01
Process Description:



Hot melt adhesive is applied to thin sheets of foam rubber using heated roller applicator machines. Five (5) Freeman machines are associated with this process.

Emission Source/Control: FHM01 - Process

Emission Source/Control: FHM02 - Process

Emission Source/Control: FHM03 - Process

Emission Source/Control: FHM04 - Process

Emission Source/Control: FHM05 - Process

Item 41.6:

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

Emission Unit: A-DHES1

Process: WB1 Source Classification Code: 4-02-007-01

Process Description:

Water-based adhesives are applied to thin sheets of foam rubber using roller applicator machines. Sheets are then dried in a rack using forced ambient air.

Emission Source/Control: SSC01 - Process

Item 41.7:

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

Emission Unit: B-OILR1

Process: BL1 Source Classification Code: 1-02-006-01

Process Description:

Two 60 MMBTU boilers that generate steam for space heating and manufacturing processes through the combustion of natural gas.

Emission Source/Control: 0D791 - Combustion

Design Capacity: 120 million Btu per hour

Item 41.8:

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

Emission Unit: B-OILR1

Process: BL4 Source Classification Code: 1-02-006-01

Process Description:

Two 60 MMBTU boilers that generate steam for space heating and manufacturing processes through the combustion of No. 2 Fuel Oil.

Emission Source/Control: 0D791 - Combustion

Design Capacity: 120 million Btu per hour



Item 41.9:

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

Emission Unit: C-AB007
Process: 7AN Source Classification Code: 3-09-042-00
Process Description:
A-Zone, North Braze line to produce heat exchangers.

Emission Source/Control: BANPC - Control
Control Type: WET SCRUBBER

Emission Source/Control: DANPC - Control
Control Type: THERMAL OXIDATION

Emission Source/Control: BANXX - Process

Emission Source/Control: CANXX - Process

Emission Source/Control: DANXX - Process

Item 41.10:

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

Emission Unit: C-AB007
Process: 7AS Source Classification Code: 3-09-042-00
Process Description:
A-Zone, South Braze line to produce heat exchangers.

Emission Source/Control: BASPC - Control
Control Type: WET SCRUBBER

Emission Source/Control: DASPC - Control
Control Type: THERMAL OXIDATION

Emission Source/Control: BASXX - Process

Emission Source/Control: CASXX - Process

Emission Source/Control: DASXX - Process

Item 41.11:

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

Emission Unit: C-AB007
Process: 7BN Source Classification Code: 3-09-042-00
Process Description:
B-Zone, North Braze line to produce heat exchangers.

Emission Source/Control: BBNPC - Control
Control Type: WET SCRUBBER

Emission Source/Control: DBNPC - Control



Control Type: THERMAL OXIDATION

Emission Source/Control: BBNXX - Process

Emission Source/Control: CBNXX - Process

Emission Source/Control: DBNXX - Process

Item 41.12:

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

Emission Unit: C-AB007

Process: 7BS

Source Classification Code: 3-09-042-00

Process Description:

B-Zone, South Braze line to produce heat exchangers.

Emission Source/Control: BBSPC - Control

Control Type: WET SCRUBBER

Emission Source/Control: DBSPC - Control

Control Type: THERMAL OXIDATION

Emission Source/Control: BBSXX - Process

Emission Source/Control: CBSXX - Process

Emission Source/Control: DBSXX - Process

Item 41.13:

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

Emission Unit: C-AB007

Process: 7DN

Source Classification Code: 3-09-042-00

Process Description:

D-Zone, North Braze line to produce heat exchangers.

Emission Source/Control: BDNPC - Control

Control Type: WET SCRUBBER

Emission Source/Control: DDNPC - Control

Control Type: WET SCRUBBER

Emission Source/Control: FDNPC - Control

Control Type: WET SCRUBBER

Emission Source/Control: BDNXX - Process

Emission Source/Control: CDNXX - Process

Emission Source/Control: DDNXX - Process

Emission Source/Control: FDNXX - Process



Item 41.14:

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

Emission Unit: C-AB007
Process: 7DS Source Classification Code: 3-09-042-00
Process Description:
D-Zone, South Braze line to produce heat exchangers.

Emission Source/Control: BDSPC - Control
Control Type: WET SCRUBBER

Emission Source/Control: DDSPC - Control
Control Type: WET SCRUBBER

Emission Source/Control: FDSPC - Control
Control Type: WET SCRUBBER

Emission Source/Control: BDSXX - Process

Emission Source/Control: CDSXX - Process

Emission Source/Control: DDSXX - Process

Emission Source/Control: FDSXX - Process

Item 41.15:

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

Emission Unit: C-AB007
Process: 7IN Source Classification Code: 3-09-042-00
Process Description:
I-Zone, North Braze line to produce heat exchangers.

Emission Source/Control: BINPC - Control
Control Type: WET SCRUBBER

Emission Source/Control: DINPC - Control
Control Type: THERMAL OXIDATION

Emission Source/Control: BINXX - Process

Emission Source/Control: CINXX - Process

Emission Source/Control: DINXX - Process

Item 41.16:

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

Emission Unit: C-AB007
Process: 7IS Source Classification Code: 3-09-042-00
Process Description:



I-Zone, South Braze line to produce heat exchangers.

Emission Source/Control: BISPC - Control
Control Type: WET SCRUBBER

Emission Source/Control: DISPC - Control
Control Type: THERMAL OXIDATION

Emission Source/Control: BISXX - Process

Emission Source/Control: CISXX - Process

Emission Source/Control: DISXX - Process

Item 41.17:

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

Emission Unit: C-AB007
Process: 7KN Source Classification Code: 3-09-042-00
Process Description:
K-Zone, North Braze line for production of heat exchangers.

Emission Source/Control: BKNPC - Control
Control Type: WET SCRUBBER

Emission Source/Control: DKNPC - Control
Control Type: WET SCRUBBER

Emission Source/Control: FKNPC - Control
Control Type: MIST ELIMINATOR

Emission Source/Control: BKNXX - Process

Emission Source/Control: CKNXX - Process

Emission Source/Control: DKNXX - Process

Emission Source/Control: FKNXX - Process

Item 41.18:

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

Emission Unit: C-AB007
Process: 7KS Source Classification Code: 3-09-042-00
Process Description:
K-Zone, South Braze line to produce heat exchangers.

Emission Source/Control: BKSPC - Control
Control Type: WET SCRUBBER

Emission Source/Control: DKSPC - Control

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Control Type: WET SCRUBBER

Emission Source/Control: FKSPC - Control
Control Type: WET SCRUBBER

Emission Source/Control: BKSXX - Process

Emission Source/Control: CKSXX - Process

Emission Source/Control: DKSXX - Process

Emission Source/Control: FKSXX - Process

Item 41.19:

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

Emission Unit: C-AB007

Process: FRM

Source Classification Code: 3-09-042-00

Process Description:

Local exhaust ventilation for the flux mix room. Dry powder flux, alcohols and other ingredients are handled and mixed (batch) into various slurry and paste fluxes that are used in brazing operations on-site.

Emission Source/Control: FRMDC - Control

Control Type: FABRIC FILTER

Emission Source/Control: FRMXX - Process

Item 41.20:

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

Emission Unit: C-PYRO1

Process: CPF

Source Classification Code: 4-02-016-05

Process Description:

Controlled pyrolysis furnace to clean organic coatings from metal parts. Parts are heated to 600-800 degrees F to decompose the coating. Decomposition products are consumed in an integral secondary chamber within the furnace (at 1400-1650 degrees F) before exhausting to the atmosphere. There are no visible emissions or odors associated with this process. The furnace is fueled by natural gas only. The furnace is Model PTR-27F manufactured by Pollution Control Products.

Emission Source/Control: PTR27 - Process

Item 41.21:

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

Emission Unit: F-BEVAP

Process: FBC

Source Classification Code: 3-09-042-00



Process Description:

Flame brazing (condensers) with gas flame. Braze ring contains dry flux.

Emission Source/Control: FBCI2 - Process

Emission Source/Control: FBCI4 - Process

Item 41.22:

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

Emission Unit: F-BEVAP

Process: FBV

Source Classification Code: 3-09-042-00

Process Description:

Flame brazing (evaporators) with gas flame. Braze ring contains dry flux.

Emission Source/Control: FBV01 - Process

Emission Source/Control: FBV03 - Process

Emission Source/Control: FBV04 - Process

Emission Source/Control: FBV05 - Process

Emission Source/Control: FBV06 - Process

Emission Source/Control: FBV07 - Process

Emission Source/Control: FBV08 - Process

Emission Source/Control: FBV10 - Process

Emission Source/Control: FBV11 - Process

Emission Source/Control: FBV12 - Process

Emission Source/Control: FBV13 - Process

Item 41.23:

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

Emission Unit: I-NDBR2

Process: EA2

Source Classification Code: 3-09-042-00

Process Description:

Induction brazing and welding are used to assemble evaporator pipes.

Emission Source/Control: 0X891 - Process

Emission Source/Control: BB771 - Process



Item 41.24:

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

Emission Unit: I-NDBR2
Process: SPA Source Classification Code: 3-09-042-00
Process Description:
Induction braze and flame braze stations for aluminum
condensers.

Emission Source/Control: WR411 - Process

Emission Source/Control: WR413 - Process

Item 41.25:

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

Emission Unit: V-BRAZ1
Process: EB1 Source Classification Code: 3-09-042-00
Process Description:
Four vacuum braze lines(#2 thru #5) that braze aluminum
evaporator cores in an evacuated, electrically heated
multi-chamber furnace.

Emission Source/Control: 0S853 - Control
Control Type: MIST ELIMINATOR

Emission Source/Control: 0X811 - Control
Control Type: MIST ELIMINATOR

Emission Source/Control: 0X859 - Control
Control Type: MIST ELIMINATOR

Emission Source/Control: BB855 - Control
Control Type: MIST ELIMINATOR

Emission Source/Control: EB1-1 - Process

Item 41.26:

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

Emission Unit: V-BRAZ1
Process: OB1 Source Classification Code: 3-09-042-00
Process Description:
The assembly of stainless steel and aluminum industrial
oil coolers by fusion in electrically heated vacuum braze
furnaces. The braze furnaces each contain a vacuum pump to
remove oil from the furnaces. Each stack contains an oil
mist separator to control particulate emissions.

Emission Source/Control: 0Z151 - Control
Control Type: MIST ELIMINATOR

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Emission Source/Control: 0Z152 - Control
Control Type: MIST ELIMINATOR

Emission Source/Control: 0Z153 - Control
Control Type: MIST ELIMINATOR

Emission Source/Control: 0Z191 - Control
Control Type: MIST ELIMINATOR

Emission Source/Control: DD193 - Control
Control Type: MIST ELIMINATOR

Emission Source/Control: HH156 - Control
Control Type: MIST ELIMINATOR

Emission Source/Control: HH191 - Control
Control Type: MIST ELIMINATOR

Emission Source/Control: OB1-1 - Process

