



PERMIT
Under the Environmental Conservation Law (ECL)

IDENTIFICATION INFORMATION

Permit Type: Air State Facility
Permit ID: 9-0608-00161/00065
Mod 0 Effective Date: 05/05/1999 Expiration Date: No expiration date.
Mod 1 Effective Date: 08/08/2001 Expiration Date: No expiration date.
Mod 2 Effective Date: 07/28/2011 Expiration Date: No expiration date.

Permit Issued To: BLACKSTONE BUSINESS ENTERPRISES INC
100 BLACKSTONE AVE
JAMESTOWN, NY 14701-2202

Contact: WAYNE A BERG
BLACKSTONE BUSINESS ENTERPRISES
100 BLACKSTONE AVENUE
JAMESTOWN, NY 14701
(716) 665-5410

Facility: BLACKSTONE BUSINESS ENTERPRISES INC
100 BLACKSTONE AVE
JAMESTOWN, NY 14701

Contact: WAYNE A BERG
BLACKSTONE BUSINESS ENTERPRISES
100 BLACKSTONE AVENUE
JAMESTOWN, NY 14701
(716) 665-5410

Description:
Blackstone is a sheet metal fabricator, finishing, and coating job shop that produces various types of sheet metal products. This permit modification is for the installation of three carbon dioxide lasers, adding new applicable regulations and cleaning up the permit. The lasers cut metal that contains manganese, which is a hazardous air pollutant (HAP) so they are not exempt from permitting.

During this permit review process (modification 2) it was determined that laser cutting of stainless steel created emission impacts that exceeded the DAR-1 Annual Guidance Concentrations of hexavalent chromium. To minimize hexavalent chromium emissions Blackstone has installed a One Donaldson Torit PowerCore Model TG 8 Dust Collectors with 8 PowerCore filter packs unit on laser 1 and laser 2. These two dust collectors discharge inside the plant now. Stainless steel materials can only be cut on lasers 1 and 2 and are prohibited from being cut on lasers 3, 4 and 5. Since lasers 1 and 2 now exhaust inside the emission points (00101 and 00102 (BBE #'s 54 and 55)) and emission source/control information for these two systems have been removed from this permit. This modification adds lasers 3, 4 and 5 to the permit. All three exhaust outside through baffle filters. All five lasers are 2000 watt Cincinnati CL 707 models.



This modification includes the addition of permit conditions from the National Emission Standards for Hazardous Air Pollutants (NESHAP) for Paint Stripping and Miscellaneous Surface Coating Operations at Area Sources, 40 CFR Part 63 subpart HHHHHH (6H's). Blackstone is subject to the surface coating requirements of the NESHAP. Blackstone discontinued the use of methylene chloride (MeCl) so they are not subject to the MeCl requirements of the NESHAP.

This modification includes the removal of emission point 5 in emission unit 00002. Five belt sanders use to exhaust to EP 5, but three were removed and the remaining two exhaust through a water wash system into the plant.

This permit is for three existing emission units. The permit contains emission capping conditions for limiting emissions of volatile organic compounds (VOC) to less than 18,000 pounds per year. By doing so the facility is not subject to the VOC control requirements of part 228 and Title V permitting. The permit also caps the facility-wide hazardous air pollutant (HAP) emissions to less than 40,000 pounds per year to avoid Title V permitting. The potential to emit (PTE) of each individual HAP is less than 10 tons per year. The regulatory citations were updated in modification 2 but there were no changes to the capping conditions otherwise.

1.) Emission unit (EU) 0-00001 is for the solvent-based wet spray process which includes 10 spray booths (1 is inactive) & 4 paint cure batch ovens (two are connected in series) . They also do powder coating but those activities are exempt from permitting.

2.) EU 0-00002 is for belt sanding/grinding machines operations. This emission unit has two Timesaver belt sanders connected to a single dust hopper prior to a single discharge stack to the atmosphere, emission point 68. In previous permits these exhausted out emission point 3 which was renumbered emission point 68 in this permit.

3.) EU 0-00101 is for the three CO2 laser cutters to cut mild steel which produces particulates. Each laser will have its own emission point (00053, 00104 and 00105) which discharges directly to the atmosphere.

4.) For the record, the following operations and their associated emission points are exempt from permitting:

- a.) Saw and wood dust operations - Saws and the like are used to occasionally make pallets. They are not used for production (BBE Reference Point 40).
- b.) Hand sanding booth – Used to exhaust emissions from hand operated grinders (BBE Reference Points 11 and 12).
- c.) Paint vault ventilations system – No routine or process emissions (BBE Reference Point 48).
- d.) Safety hood over oven doors – These exhaust hot gases when the oven doors are opened. No routine or process chemicals. (BBE Reference Points 98 and 99)
- e.) Parts washer ventilator – Process emissions are mostly water and or water vapor (BBE Reference Points 41,42,46 and 118).
- f.) Maintenance paint vault – This vault stores maintenance, not production, products that need to be properly vented (EP 49).

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.

New York State Department of Environmental Conservation
Facility DEC ID: 9060800161



Permit Administrator: DAVID S DENK
 DIVISION OF ENVIRONMENTAL PERMITS
 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
- 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
 - Permit modifications, suspensions or revocations by the Department
 - Applications for Permit Renewals and Modifications
 - Permit Modifications, Suspensions, and Revocations by the Department

Facility Level

- Submission of Applications for Permit Modification or Renewal
 - REGION 9 HEADQUARTERS
- Submission of application for permit modification or renewal-REGION 9 HEADQUARTERS



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

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

Item 1-1.1:

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 1-1.2:

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 1-1.3:

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 1: Facility Inspection by the Department
Applicable State Requirement: ECL 3-0301 (2) (g)

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. 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.



Applicable State Requirement: 6 NYCRR 621.11

Item 2-1.1:

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 2-1.2:

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 2-1.3:

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 2-3: Permit modifications, suspensions or revocations by the Department

Applicable State Requirement: 6 NYCRR 621.13

Item 2-3.1:

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.

Condition 2-2: Permit modifications, suspensions or revocations by the Department

Applicable State Requirement: 6 NYCRR 621.13

Item 2-2.1:

The Department reserves the right 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



Condition 3: Applications for Permit Renewals and Modifications

Applicable State Requirement: 6 NYCRR 621.13 (a)

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.

Condition 4: Permit Modifications, Suspensions, and Revocations by the Department

Applicable State Requirement: 6 NYCRR 621.14

Item 4.1:

The Department reserves the right to modify, suspend, or revoke this permit. The grounds for modification, suspension or revocation include:

- a) the scope of the permitted activity is exceeded or a violation of any condition of the permit or provisions of the ECL and pertinent regulations is found;
- b) the permit was obtained by misrepresentation or failure to disclose relevant facts;
- c) new material information is discovered; or
- d) environmental conditions, relevant technology, or applicable law or regulation have materially changed since the permit was issued.

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

Condition 5: Submission of Applications for Permit Modification or Renewal -REGION 9 HEADQUARTERS

Applicable State Requirement: 6 NYCRR 621.5 (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 14203-2999
(716) 851-7165

Condition 2-4: Submission of application for permit modification or renewal-REGION 9

HEADQUARTERS

Applicable State Requirement: 6 NYCRR 621.6 (a)

Item 2.4.1:

New York State Department of Environmental Conservation
Facility DEC ID: 9060800161



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: 9-0608-00161/00065

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Permit Under the Environmental Conservation Law (ECL)

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

IDENTIFICATION INFORMATION

Permit Issued To:BLACKSTONE BUSINESS ENTERPRISES INC
100 BLACKSTONE AVE
JAMESTOWN, NY 14701-2202

Facility: BLACKSTONE BUSINESS ENTERPRISES INC
100 BLACKSTONE AVE
JAMESTOWN, NY 14701

Authorized Activity By Standard Industrial Classification Code:
2599 - FURNITURE AND FIXTURES, NEC
3444 - SHEET METAL WORK
3449 - MISCELLANEOUS METAL WORK
3479 - METAL COATING AND ALLIED SERVICES,NEC

Mod 0 Permit Effective Date: 05/05/1999
date.

Permit Expiration Date: No expiration

Mod 1 Permit Effective Date: 08/08/2001
date.

Permit Expiration Date: No expiration

Mod 2 Permit Effective Date: 07/28/2011
date.

Permit Expiration Date: No expiration



LIST OF CONDITIONS

FEDERALLY ENFORCEABLE CONDITIONS

Facility Level

- 2-1 6 NYCRR 200.6: Acceptable Ambient Air Quality
- 16 6 NYCRR Part 215: Open Fires Prohibited at Industrial and Commercial Sites
- 2-2 6 NYCRR 200.7: Maintenance of Equipment
- 2-3 6 NYCRR 201-1.7: Recycling and Salvage
- 2-4 6 NYCRR 201-1.8: Prohibition of Reintroduction of Collected Contaminants to the air
- 2-5 6 NYCRR 201-3.2 (a): Exempt Sources - Proof of Eligibility
- 2-6 6 NYCRR 201-3.3 (a): Trivial Sources - Proof of Eligibility
- 2-7 6 NYCRR 202-1.1: Required Emissions Tests
- 15 6 NYCRR 211.3: Visible emissions limited.
- 1 6 NYCRR 200.1: Definitions Applicable To This Permit
- 2 6 NYCRR 200.5: Sealing
- 6 6 NYCRR 201-1.2: Unpermitted Emission Sources
- 11 6 NYCRR 201-1.10 (a): Public Access to Recordkeeping
- 2-8 6 NYCRR 201-7.2: Facility Permissible Emissions
- *2-9 6 NYCRR 201-7.2: Capping Monitoring Condition
- *2-10 6 NYCRR 201-7.2: Capping Monitoring Condition
- 2-11 6 NYCRR 211.1: Air pollution prohibited

Emission Unit Level

EU=0-00001

- 1-6 6 NYCRR 212.4 (c): Compliance Demonstration
- 1-7 6 NYCRR 228-1.4: opacity - <20%
- 2-12 40CFR 63.11173(e), Subpart HHHHHH: Compliance Demonstration
- 2-13 40CFR 63.11176(a), Subpart HHHHHH: Compliance Demonstration
- 2-14 40CFR 63.11177, Subpart HHHHHH: Compliance Demonstration

EU=0-00002

- 1-8 6 NYCRR 212.4 (c): Compliance Demonstration
- 1-9 6 NYCRR 212.6 (a): 212.6(a) - Opacity standard

EU=0-00101

- 1-10 6 NYCRR 212.4 (c): Compliance Demonstration
- 1-11 6 NYCRR 212.6 (a): 212.6(a) - Opacity standard

STATE ONLY ENFORCEABLE CONDITIONS

Facility Level

- 2-15 ECL 19-0301: Contaminant List
- 2-16 6 NYCRR 201-1.4: Unavoidable noncompliance and violations
- 18 6 NYCRR Subpart 201-5: General Provisions
- 1-12 6 NYCRR Subpart 201-5: Permit Exclusion Provisions
- 19 6 NYCRR Subpart 201-5: Emission Unit Definition
- 2-17 6 NYCRR 211.2: Visible Emissions Limited

Emission Unit Level

- 23 6 NYCRR Subpart 201-5: Emission Point Definition By Emission Unit



24 6 NYCRR Subpart 201-5: Process Definition By Emission Unit

EU=0-00101

2-18 6 NYCRR 212.4 (b): Compliance Demonstration

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: Visible Emissions Limited - 6 NYCRR 211.3

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.

Item L: 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 M: 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 N: 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 2-1: Acceptable Ambient Air Quality
Effective between the dates of 07/28/2011 and Permit Expiration Date

Applicable Federal Requirement:6 NYCRR 200.6

Replaces Condition(s) 3

Item 2-1.1:

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 16: Open Fires Prohibited at Industrial and Commercial Sites
Effective between the dates of 05/05/1999 and Permit Expiration Date

Applicable Federal Requirement:6 NYCRR Part 215

Item 16.1:

No person shall burn, cause, suffer, allow or permit the burning in an open fire of garbage, rubbish for salvage, or rubbish generated by industrial or commercial activities.

Condition 2-2: Maintenance of Equipment
Effective between the dates of 07/28/2011 and Permit Expiration Date

Applicable Federal Requirement:6 NYCRR 200.7

Replaces Condition(s) 4

Item 2-2.1:

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 2-3: Recycling and Salvage
Effective between the dates of 07/28/2011 and Permit Expiration Date

Applicable Federal Requirement:6 NYCRR 201-1.7

Replaces Condition(s) 9

Item 2-3.1:

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 the ECL.

Condition 2-4: Prohibition of Reintroduction of Collected Contaminants to the air

Effective between the dates of 07/28/2011 and Permit Expiration Date

Applicable Federal Requirement:6 NYCRR 201-1.8

Replaces Condition(s) 10

Item 2-4.1:

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 2-5: Exempt Sources - Proof of Eligibility

Effective between the dates of 07/28/2011 and Permit Expiration Date

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

Replaces Condition(s) 12

Item 2-5.1:

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 this Subpart. 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 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.

Condition 2-6: Trivial Sources - Proof of Eligibility

Effective between the dates of 07/28/2011 and Permit Expiration Date

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

Replaces Condition(s) 13

Item 2-6.1:

The owner and/or operator of an emission source or unit that is listed as being trivial in this Part may be required to certify that it operates within the specific criteria described in this Subpart. 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 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.

Condition 2-7: Required Emissions Tests

Effective between the dates of 07/28/2011 and Permit Expiration Date

Applicable Federal Requirement:6 NYCRR 202-1.1



Replaces Condition(s) 14

Item 2-7.1:

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 15: Visible emissions limited.
Effective between the dates of 05/05/1999 and Permit Expiration Date

Applicable Federal Requirement:6 NYCRR 211.3

Item 15.1:

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 1: Definitions Applicable To This Permit
Effective between the dates of 05/05/1999 and Permit Expiration Date

Applicable Federal Requirement:6 NYCRR 200.1

Item 1.1:

The definitions found in Parts 200 and 201 apply throughout this permit. Specific definitions used in this permit and their meanings include:

1. "Act" refers to the Federal Clean Air Act, 42 U.S.C. Section 7401, et seq., as amended by Public Law 101-549, November 15, 1990.
2. "Administrator" refers to the Administrator of the United States Environmental Protection Agency or designee.
3. "Department" refers to the New York State Department of Environmental Conservation.

Condition 2: Sealing
Effective between the dates of 05/05/1999 and Permit Expiration Date

Applicable Federal Requirement:6 NYCRR 200.5

Item 2.1:

(a) 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 labelling 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.

(b) 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.



Name: VOC

Condition 2-9: Capping Monitoring Condition
Effective between the dates of 07/28/2011 and Permit Expiration Date

Applicable Federal Requirement: 6 NYCRR 201-7.2

Item 2-9.1:

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 (a)
- 6 NYCRR 228-1.1 (b) (4)

Item 2-9.2:

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

Item 2-9.3:

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 2-9.4:

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 2-9.5:

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 2-9.6:

The Compliance Demonstration activity will be performed for the Facility.

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

Item 2-9.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes
Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS



Monitoring Description:

- 1.) This facility shall limit VOC emissions from all sources at the facility to less than 18,000 pounds for any 12 month period. By limiting VOC emissions from the facility to less than 18,000 pounds per year the facility is not subject to the VOC control requirements of Part 228 and Title V permitting for VOC.
- 2.) The facility shall establish a system for tracking VOC in surface coatings used and VOC in solvents consumed in each 12 month period. Any VOC present in waste disposal may be deducted. However, the VOC content of the waste and the waste quantity must be documented.
- 3.) For each 12 month period the facility shall compute the total VOC in all surface coatings and solvents consumed. The 12 month period shall end on the last day of each month. The rolling 12 month total VOC emission shall be computed within 30 days after the end of the 12 month period. All VOC records shall be kept at the facility. Upon request these records shall be made available for review during normal business hours and/or submitted to the department.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: PAINT

Parameter Monitored: VOC

Upper Permit Limit: 18,000 pounds per year

Monitoring Frequency: MONTHLY

Averaging Method: 12-month total, rolled monthly

Reporting Requirements: ANNUALLY (ANNIVERSARY)

Initial Report Due: 06/03/2012 for the period 07/28/2011 through 05/04/2012

Condition 2-10: Capping Monitoring Condition
Effective between the dates of 07/28/2011 and Permit Expiration Date

Applicable Federal Requirement:6 NYCRR 201-7.2

Item 2-10.1:

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 (a)

Item 2-10.2:

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

Item 2-10.3:



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 2-10.4:

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 2-10.5:

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 2-10.6:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 0NY100-00-0 HAP

Item 2-10.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

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

Monitoring Description:

- 1.) This facility shall limit emissions of hazardous air pollutants (HAP) to less than 40,000 pounds for any 12 month period. By limiting HAP emissions from the facility, the facility is not subject to Title V permitting. No one HAP has a potential to emit 10 tons or more, therefore, capping of individual HAPs is not required for capping out of Title V permitting.
- 2.) The facility shall establish a system for tracking total HAP emissions in each 12 month period.
- 3.) For each 12 month period, the facility shall compute the total HAP emissions. The 12 month period shall end on the last day of each month. The rolling 12 month total HAP emissions shall be computed within 30 days after the end of the 12 month period. All HAP records shall be kept at the facility. Upon request these records shall be made available for review during normal business hours and/or submitted to the department. Annually, submit a compliance certification to the department certifying that emissions

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were below the cap.

Parameter Monitored: HAP

Upper Permit Limit: 40,000 pounds per year

Monitoring Frequency: MONTHLY

Averaging Method: 12-month total, rolled monthly

Reporting Requirements: ANNUALLY (ANNIVERSARY)

Initial Report Due: 06/03/2012 for the period 07/28/2011 through 05/04/2012

Condition 2-11: Air pollution prohibited
Effective between the dates of 07/28/2011 and Permit Expiration Date

Applicable Federal Requirement:6 NYCRR 211.1

Item 2-11.1:

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

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

Condition 1-6: Compliance Demonstration
Effective between the dates of 08/08/2001 and Permit Expiration Date

Applicable Federal Requirement:6 NYCRR 212.4 (c)

Item 1-6.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 0-00001

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 1-6.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions of solid particulates are limited to less than 0.050 grains of particulates per cubic foot of exhaust gas, expressed at standard conditions on a dry gas basis. Compliance testing will be conducted at the discretion of the Department.

Parameter Monitored: PARTICULATES

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Upper Permit Limit: 0.05 grains per dscf

Reference Test Method: EPA 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 1-7: opacity - <20%

Effective between the dates of 08/08/2001 and Permit Expiration Date

Applicable Federal Requirement:6 NYCRR 228-1.4

Item 1-7.1:

This Condition applies to Emission Unit: 0-00001

Item 1-7.2:

The average opacity of emissions to the outdoor atmosphere shall not equal or exceed 20 percent for any consecutive six-minute period.

Condition 2-12: Compliance Demonstration

Effective between the dates of 07/28/2011 and Permit Expiration Date

Applicable Federal Requirement:40CFR 63.11173(e), Subpart

HHHHHH

Item 2-12.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 0-00001

Item 2-12.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

General Requirements for Miscellaneous Surface Coating Operations

A.) Each miscellaneous surface coating operation must meet the following requirements:

1.) All painters must be certified that they have completed training in the proper spray application of surface coatings and the proper setup and maintenance of spray equipment. The spray application of surface coatings is prohibited by persons who are not certified.

2.) All spray-applied coatings must be applied in a spray booth or preparation station that meets the requirements below:



i) Be fitted with a type of filter technology that is demonstrated to achieve at least 98-percent capture of paint overspray. Owners and operators may use published filter efficiency data provided by filter vendors or they may conduct a filter efficiency test that is consistent with the American Society of Heating, Refrigerating, and Air-Conditioning Engineers (ASHRAE) Method 52.1.

ii) Must have a full roof, at least three complete walls or complete side curtains, and must be ventilated so that air is drawn into the booth. The walls and roof of a booth may have openings, if needed, to allow for conveyors and parts to pass through the booth during the coating process.

3.) All spray-applied coatings must be applied with a high volume, low pressure (HVLP) spray gun, electrostatic application, airless spray gun, air-assisted airless spray gun, or an equivalent technology that is demonstrated by the spray gun manufacturer to achieve transfer efficiency comparable to one of the spray gun technologies listed above for a comparable operation, and for which written approval has been obtained from the Administrator.

4.) All paint spray gun cleaning must be done so that an atomized mist or spray of gun cleaning solvent and paint residue is not created outside of a container that collects used gun cleaning solvent. Spray gun cleaning may be done with, for example, hand cleaning of parts of the disassembled gun in a container of solvent, by flushing solvent through the gun without atomizing the solvent and paint residue, or by using a fully enclosed spray gun washer. A combination of non-atomizing methods may also be used.

B.) Each owner or operator of an affected miscellaneous surface coating source must ensure and certify that all new and existing personnel, including contract personnel, who spray apply surface coatings, as defined in §63.11180, are trained in the proper application of surface coatings. The training program must include, at a minimum, the following items:

1.) A list of all current personnel by name and job description who are required to be trained;

2.) Hands-on and classroom instruction that addresses, at a minimum, initial and refresher training in the following topics:

i) Spray gun equipment selection, set up, and operation, including measuring coating viscosity, selecting the proper fluid tip or nozzle, and achieving the proper spray pattern, air pressure and volume, and fluid delivery rate.



ii) Spray technique for different types of coatings to improve transfer efficiency and minimize coating usage and overspray, including maintaining the correct spray gun distance and angle to the part, using proper banding and overlap, and reducing lead and lag spraying at the beginning and end of each stroke.

iii) Routine spray booth and filter maintenance, including filter selection and installation.

iv) Environmental compliance with the requirements of this subpart.

3.) A description of the methods to be used at the completion of initial or refresher training to demonstrate, document, and provide certification of successful completion of the required training.

C.) All new or existing personnel who spray surface coatings must complete training no later than 180 days after hiring or no later than January 10, 2011, whichever is later. Employees who transfer within a company to a position as a painter are subject to the same requirements as a new hire. Training and certification will be valid for a period not to exceed five years after the date the training is completed, and all personnel must receive refresher training that meets the requirements above and be re-certified every five years.

D.) The above documents shall be kept for at least five years and be made available for inspection upon request.

E.) The permit condition has no reporting requirements.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 2-13: Compliance Demonstration
Effective between the dates of 07/28/2011 and Permit Expiration Date

Applicable Federal Requirement:40CFR 63.11176(a), Subpart

HHHHHH

Item 2-13.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 0-00001

Item 2-13.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:



Annual Notification of Changes Report

A.) You are required to submit a report in each calendar year in which information previously submitted in either the Initial Notification, Notification of Compliance, or a previous Annual Notification of Changes Report has changed. Deviations from the relevant requirements in §63.11173(a) through (d) or §63.11173(e) through (g) on the date of the report will be deemed to be a change. This includes notification when paint stripping affected sources that have not developed and implemented a written methylene chloride (MeCl) minimization plan in accordance with §63.11173(b) have used more than one ton of MeCl in the previous calendar year. The annual notification of changes report must be submitted prior to March 1 of each calendar year when reportable changes have occurred and must include the information specified below:

1) Your company's name and the street address (physical location) of the affected source and the street address where compliance records are maintained, if different.

2) The name, title, address, telephone, e-mail address (if available) and signature of the owner and operator, or other certifying company official, certifying the truth, accuracy, and completeness of the notification and a statement of whether the source has complied with all the relevant standards and other requirements of this subpart or an explanation of any noncompliance and a description of corrective actions being taken to achieve compliance.

B.) If you are the owner or operator of a paint stripping affected source that has not developed and implemented a written MeCl minimization plan in accordance with §63.11173(b) of this subpart, you must submit a report for any calendar year in which you use more than one ton of MeCl. This report must be submitted no later than March 1 of the following calendar year. You must also develop and implement a written MeCl minimization plan in accordance with §63.11173(b) no later than December 31. You must then submit a Notification of Compliance Status report containing the information specified in §63.11175(b) by March 1 of the following year and comply with the requirements for paint stripping operations that annually use more than one ton of MeCl in §§63.11173(d) and 63.11177(f).

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 60 days after the reporting period.

The initial report is due 2/29/2012.

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



Condition 2-14: Compliance Demonstration
Effective between the dates of 07/28/2011 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 63.11177, Subpart HHHHHH

Item 2-14.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 0-00001

Item 2-14.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Record Keeping

If you are the owner or operator of a surface coating operation, you must keep the records specified in paragraphs (a) through (d) and (g) of this section. If you are the owner or operator of a paint stripping operation, you must keep the records specified in paragraphs (e) through (g) of this section, as applicable.

(a) Certification that each painter has completed the training specified in §63.11173(f) with the date the initial training and the most recent refresher training was completed.

(b) Documentation of the filter efficiency of any spray booth exhaust filter material, according to the procedure in §63.11173(e)(3)(i).

(c) Documentation from the spray gun manufacturer that each spray gun with a cup capacity equal to or greater than 3.0 fluid ounces (89 cc) that does not meet the definition of an HVLP spray gun, electrostatic application, airless spray gun, or air assisted airless spray gun, has been determined by the Administrator to achieve a transfer efficiency equivalent to that of an HVLP spray gun, according to the procedure in §63.11173(e)(4).

(d) Copies of any notification submitted as required by §63.11175 and copies of any report submitted as required by §63.11176.

(e) Records of paint strippers containing MeCl used for paint stripping operations, including the MeCl content of the paint stripper used. Documentation needs to be sufficient to verify annual usage of paint strippers containing MeCl (e.g., material safety data sheets or other documentation provided by the manufacturer or supplier of the paint stripper, purchase receipts, records of paint stripper usage, engineering calculations).

(f) If you are a paint stripping source that annually uses



more than one ton of MeCl you are required to maintain a record of your current MeCl minimization plan on site for the duration of your paint stripping operations. You must also keep records of your annual review of, and updates to, your MeCl minimization plan.

(g) Records of any deviation from the requirements in §§63.11173, 63.11174, 63.11175, or 63.11176. These records must include the date and time period of the deviation, and a description of the nature of the deviation and the actions taken to correct the deviation.

(h) Records of any assessments of source compliance performed in support of the initial notification, notification of compliance status, or annual notification of changes report.

You must maintain copies of the records specified above for a period of at least five years after the date of each record. Copies of records must be kept on site and in a printed or electronic form that is readily accessible for inspection for at least the first two years after their date, and may be kept off-site after that two year period. The above records must be submitted if requested.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 1-8: Compliance Demonstration
Effective between the dates of 08/08/2001 and Permit Expiration Date

Applicable Federal Requirement:6 NYCRR 212.4 (c)

Item 1-8.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 0-00002

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 1-8.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions of solid particulates are limited to less than 0.050 grains of particulates per cubic foot of exhaust gas, expressed at standard conditions on a dry gas basis. Compliance testing will be conducted at the discretion of the Department.

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Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.05 grains per dscf

Reference Test Method: EPA Method 5

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING

DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST

METHOD INDICATED

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 1-9: 212.6(a) - Opacity standard
Effective between the dates of 08/08/2001 and Permit Expiration Date

Applicable Federal Requirement:6 NYCRR 212.6 (a)

Item 1-9.1:

This Condition applies to Emission Unit: 0-00002

Item 1-9.2:

No person will 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.

Condition 1-10: Compliance Demonstration
Effective between the dates of 08/08/2001 and Permit Expiration Date

Applicable Federal Requirement:6 NYCRR 212.4 (c)

Item 1-10.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 0-00101

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 1-10.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions of solid particulates are limited to less than 0.050 grains of particulates per cubic foot of exhaust gas, expressed at standard conditions on a dry gas basis. Compliance testing will be conducted at the discretion of the Department.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.05 grains per dscf

Reference Test Method: EPA Method 5

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING

DESCRIPTION

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Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST
METHOD INDICATED

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 1-11: 212.6(a) - Opacity standard
Effective between the dates of 08/08/2001 and Permit Expiration Date

Applicable Federal Requirement:6 NYCRR 212.6 (a)

Item 1-11.1:

This Condition applies to Emission Unit: 0-00101

Item 1-11.2:

No person will 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.



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 emission source owners and/or operators keep records pursuant to compliance with the operational flexibility requirements of 6 NYCRR Subpart 201-5.4(b)(1), and/or the emission capping requirements of 6 NYCRR Subparts 201-7.2(d), 201-7.3(f), 201-7.3(g), 201-7.3(h)(5), 201-7.3(i) and 201-7.3(j), the Department will make such records available to the public upon request in accordance with 6 NYCRR Part 616 - Public Access to Records. Emission source owners and/or operators must submit the records required to comply with the request within sixty working days of written notification by the Department of receipt of the request.

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 2-15: Contaminant List

Effective between the dates of 07/28/2011 and Permit Expiration Date

Applicable State Requirement:ECL 19-0301

Item 2-15.1:

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

CAS No: 018540-29-9
Name: CHROMIUM(VI)

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

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

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

Condition 2-16: Unavoidable noncompliance and violations

Effective between the dates of 07/28/2011 and Permit Expiration Date

Applicable State Requirement:6 NYCRR 201-1.4

Item 2-16.1:

At the discretion of the commissioner a violation of any applicable emission standard for necessary scheduled equipment maintenance, start-up/shutdown conditions and malfunctions or upsets may be excused if such violations are unavoidable. The following actions and recordkeeping and reporting requirements must be adhered to in such circumstances.

(a) The facility owner and/or operator shall compile and maintain records of all equipment 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 commissioner's representative when requested to do so in writing or when so required by a condition of a permit issued for the corresponding air contamination source except where conditions elsewhere in this permit which contain more stringent reporting and notification provisions for an applicable requirement, in which case they supercede those stated here. Such reports shall describe why the violation was unavoidable and shall include the time, frequency and duration of the maintenance and/or start-up/shutdown activities and the identification of air contaminants, and the estimated emission rates. If a facility owner and/or operator is subject to continuous stack monitoring and quarterly reporting requirements, he need not submit reports for equipment maintenance or start-up/shutdown for the facility to the commissioner's representative.

(b) In the event that emissions of air contaminants in excess of any emission standard in 6 NYCRR Chapter III Subchapter A occur due to a malfunction, the facility owner and/or operator shall report such malfunction by telephone to the commissioner's representative as soon as possible during normal working hours, but in any event not later than two working days after



becoming aware that the malfunction occurred. Within 30 days thereafter, when requested in writing by the commissioner's representative, the facility owner and/or operator shall submit a written report to the commissioner's representative describing the malfunction, the corrective action taken, identification of air contaminants, and an estimate of the emission rates. These reporting requirements are superceded by conditions elsewhere in this permit which contain reporting and notification provisions for applicable requirements more stringent than those above.

(c) The Department may also require the owner and/or operator to include in reports described under (a) and (b) above an estimate of the maximum ground level concentration of each air contaminant emitted and the effect of such emissions depending on the deviation of the malfunction and the air contaminants emitted.

(d) In the event of maintenance, start-up/shutdown or malfunction conditions which result in emissions exceeding any applicable emission standard, the facility owner and/or operator shall take appropriate action to prevent emissions which will result in contravention of any applicable ambient air quality standard. Reasonably available control technology, as determined by the commissioner, shall be applied during any maintenance, start-up/shutdown or malfunction condition subject to this paragraph.

(e) In order to have a violation of a federal regulation (such as a new source performance standard or national emissions standard for hazardous air pollutants) excused, the specific federal regulation must provide for an affirmative defense during start-up, shutdowns, malfunctions or upsets.

Condition 18: General Provisions

Effective between the dates of 05/05/1999 and Permit Expiration Date

Applicable State Requirement:6 NYCRR Subpart 201-5

Item 18.1:

This section contains terms and conditions that are not federally enforceable and are not required under the Act or under any of its applicable requirements. Terms and conditions so designated are not subject to the requirements of Section 201-6.4 of Part 201.

Item 18.2:

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.

Item 18.3:

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.

Condition 1-12: Permit Exclusion Provisions

Effective between the dates of 08/08/2001 and Permit Expiration Date



Applicable State Requirement:6 NYCRR Subpart 201-5

Item 1-12.1:

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 currently pending or future legal, administrative or equitable rights or claims, actions, suits, causes of action or demands whatsoever that the Department may have against the Applicant 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 by the Department and the receipt thereof by the Applicant does not supercede, revoke or rescind an order or modification thereof on consent or determination by the Commissioner issued heretofore by the Department or any of the terms, conditions or requirements contained in such order or modification thereof unless specifically intended by this permit.

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 the right of the Department to bring any future action, or pursue any pending action, either administrative or judicial, to required remediation, contribution for costs incurred or funds expended, for any violations, past, present or future, known or unknown, of applicable federal law, the ECL, or the rules and regulations promulgated thereunder, or conditions contained in any other licenses or permits issued to the Applicant and not addressed in this permit.

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 the right of the Department to pursue any claims for natural resource damages against the Applicant.

Condition 19: Emission Unit Definition
Effective between the dates of 05/05/1999 and Permit Expiration Date

Applicable State Requirement:6 NYCRR Subpart 201-5

Item 19.1(From Mod 2):

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

Emission Unit: 0-00001

Emission Unit Description:

This emission unit is for the solvent-based wet spray process which includes six spray booths & two paint cure batch ovens located on the main floor of the facility. In addition, there are four spray booths and two paint cure batch ovens located on the second floor of the facility. Each spray booth and oven has it's own separate emission point number. Spray booth 30 is inactive at this time but still included in the permit so they could use it if they needed to.

Building(s): MAIN



Item 19.2(From Mod 2):

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

Emission Unit: 0-00002

Emission Unit Description:

This emission unit (EU) is for belt sanding/grinding machines operations. Two Timesaver beltsanders are used to deburr and sand/clean metal parts. The exhaust from these two machines are manifolded into emission point 00068 which discharges directly to the atmosphere. In previous permits these sanders exhausted out emission point 00003 but it has been renumbered to 00068. Three of the five other beltsanders that exhausted through emission point 5 were removed from the facility. The remaining two exhaust through a rotoclone air cleaning device which discharges the air into the plant. Emission point 5 was eliminated as of June 1, 2009.

Building(s): MAIN

Item 19.3(From Mod 2):

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

Emission Unit: 0-00101

Emission Unit Description:

Blackstone has five carbon dioxide (CO₂) laser cutting machines. This permit modification adds three (3) of the existing lasers, lasers 3, 4 and 5 to the permit. Each laser has a built in baffle to reduce particulate emissions. Three emission points are being added to the permit for the 'new' lasers (EPs 53, 104 and 105) which are located on main floor of building. These lasers were installed in 2005, 2006 and 2007 respectively. The two existing lasers, lasers 1 and 2, were removed from this permit because they now exhaust inside through dedicated particulate filters. The filter systems are One Donaldson Torit Power Core Model TG 8 Dust Collector with 8 Power Core filter packs. These filters were installed because the hexavalent chromium emissions from cutting stainless steel with the lasers exceeded the Annual Guidance Concentration in DAR-1. Now all stainless steel MUST be cut on one of the machines that exhausts through the new Donaldson filter systems.

Building(s): MAIN

Condition 2-17: Visible Emissions Limited

Effective between the dates of 07/28/2011 and Permit Expiration Date

Applicable State Requirement:6 NYCRR 211.2

Replaces Condition(s) 20

Item 2-17.1:

Except as permitted by a specific part of this Subchapter and for open fires for which a restricted

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burning permit has been issued, no person shall cause or allow any air contamination source to emit any material having an opacity equal to or greater than 20 percent (six minute average) except for one continuous six-minute period per hour of not more than 57 percent opacity.

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

Condition 23: Emission Point Definition By Emission Unit
Effective between the dates of 05/05/1999 and Permit Expiration Date

Applicable State Requirement:6 NYCRR Subpart 201-5

Item 23.1(From Mod 2):

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

Emission Unit: 0-00001

Emission Point: 00015
Height (ft.): 20 Diameter (in.): 13
NYTMN (km.): 4670.1 NYTME (km.): 151.2 Building: MAIN

Emission Point: 00016
Height (ft.): 20 Diameter (in.): 13
NYTMN (km.): 4670.1 NYTME (km.): 151.2 Building: MAIN

Emission Point: 00019
Height (ft.): 25 Diameter (in.): 32
NYTMN (km.): 4670.1 NYTME (km.): 151.2 Building: MAIN

Emission Point: 00020
Height (ft.): 25 Diameter (in.): 32
NYTMN (km.): 4670.1 NYTME (km.): 151.2 Building: MAIN

Emission Point: 00021
Height (ft.): 25 Diameter (in.): 32
NYTMN (km.): 4670.1 NYTME (km.): 151.2 Building: MAIN

Emission Point: 00022
Height (ft.): 25 Diameter (in.): 32
NYTMN (km.): 4670.1 NYTME (km.): 151.2 Building: MAIN

Emission Point: 00023
Height (ft.): 25 Diameter (in.): 32
NYTMN (km.): 4670.1 NYTME (km.): 151.2 Building: MAIN

Emission Point: 00027
Height (ft.): 67 Diameter (in.): 40
NYTMN (km.): 4670.1 NYTME (km.): 151.2 Building: MAIN

Emission Point: 00030
Height (ft.): 65 Diameter (in.): 40

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NYTMN (km.): 4670.1	NYTME (km.): 151.2	Building: MAIN
Emission Point: 00031		
Height (ft.): 65	Diameter (in.): 40	
NYTMN (km.): 4670.1	NYTME (km.): 151.2	Building: MAIN
Emission Point: 00034		
Height (ft.): 65	Diameter (in.): 40	
NYTMN (km.): 4670.1	NYTME (km.): 151.2	Building: MAIN
Emission Point: 00035		
Height (ft.): 65	Diameter (in.): 40	
NYTMN (km.): 4670.1	NYTME (km.): 151.2	Building: MAIN
Emission Point: 00036		
Height (ft.): 67	Diameter (in.): 11	
NYTMN (km.): 4670.1	NYTME (km.): 151.2	Building: MAIN
Emission Point: 00037		
Height (ft.): 67	Diameter (in.): 14	
NYTMN (km.): 4670.1	NYTME (km.): 151.2	Building: MAIN
Emission Point: 00039		
Height (ft.): 67	Diameter (in.): 14	
NYTMN (km.): 4670.1	NYTME (km.): 151.2	Building: MAIN

Item 23.2(From Mod 2):

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

Emission Unit: 0-00002		
Emission Point: 00068		
Height (ft.): 24	Length (in.): 17	Width (in.): 17
NYTMN (km.): 4670.3	NYTME (km.): 151.2	Building: MAIN

Item 23.3(From Mod 2):

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

Emission Unit: 0-00101		
Emission Point: 00053		
Height (ft.): 30	Diameter (in.): 18	
NYTMN (km.): 4670.48	NYTME (km.): 151.54	Building: MAIN
Emission Point: 00104		
Height (ft.): 30	Diameter (in.): 18	
NYTMN (km.): 4670.1	NYTME (km.): 151.2	Building: MAIN
Emission Point: 00105		
Height (ft.): 30	Diameter (in.): 18	
NYTMN (km.): 4670.1	NYTME (km.): 151.2	Building: MAIN



**Condition 24: Process Definition By Emission Unit
Effective between the dates of 05/05/1999 and Permit Expiration Date**

Applicable State Requirement:6 NYCRR Subpart 201-5

Item 24.1(From Mod 2):

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

Emission Unit: 0-00001

Process: 120

Source Classification Code: 4-02-001-01

Process Description:

Blackstone has 10 wet solvent based paint spray booths/emission points at the facility. All booths are located within the main portion of the building. There are 5 active and one inactive (spray booth 30, EP 30) spray booths downstairs and 4 spray booths on the 2nd floor. These spray booths are equipped with spray filters and motorized fans to discharge overspray to the atmosphere. In addition, there are 2 paint cure oven exhausts downstairs (oven 1 & 2) and 2 paint cure oven exhausts on the 2nd floor (ovens 3 & 4). These cure ovens discharge to the atmosphere via stacks through the roof. Oven 3 and 4 are connected in series with emission points for each oven (37 & 39) and one where they connect (36). There are exhaust hoods at the entry and exit of the ovens to exhaust heat, these are exempt from permitting.

Emission Source/Control: 00001 - Process

Design Capacity: 13,843 cubic feet per minute

Emission Source/Control: 00002 - Process

Design Capacity: 13,843 cubic feet per minute

Emission Source/Control: 00003 - Process

Design Capacity: 13,843 cubic feet per minute

Emission Source/Control: 00004 - Process

Design Capacity: 13,843 cubic feet per minute

Emission Source/Control: 00005 - Process

Design Capacity: 13,843 cubic feet per minute

Emission Source/Control: 00006 - Process

Design Capacity: 9,396 cubic feet per minute

Emission Source/Control: 00007 - Process

Design Capacity: 7,830 cubic feet per minute

Emission Source/Control: 00008 - Process

Design Capacity: 7,830 cubic feet per minute

Emission Source/Control: 00009 - Process



Design Capacity: 7,830 cubic feet per minute

Emission Source/Control: 00010 - Process
Design Capacity: 7,830 cubic feet per minute

Emission Source/Control: 00011 - Process
Design Capacity: 1,671 cubic feet per minute

Emission Source/Control: 00012 - Process
Design Capacity: 990 cubic feet per minute

Emission Source/Control: 00013 - Process
Design Capacity: 1,393 cubic feet per minute

Emission Source/Control: 00014 - Process
Design Capacity: 4,660 cubic feet per minute

Emission Source/Control: 00015 - Process
Design Capacity: 4,660 cubic feet per minute

Item 24.2(From Mod 2):

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

Emission Unit: 0-00002

Process: 130

Source Classification Code: 3-09-002-02

Process Description:

Two Timesaver belt sanders are used to deburr and sand/clean metal parts. The exhaust from these two machines are manifolded into one emission point (00003) which discharges directly to the atmosphere.

Emission Source/Control: 00017 - Process
Design Capacity: 11,255 cubic feet per minute

Item 24.3(From Mod 2):

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

Emission Unit: 0-00101

Process: 0LZ

Source Classification Code: 6-82-410-46

Process Description:

Carbon dioxide (CO₂) laser cutting machines use a highly focused light beam to cut sheet metal. Particulates and fumes pass through a drop box device where most of the solids settle out. The drop box device is integrated into the laser machines. Remaining fumes are emitted through individual stacks for each laser. Two of the five lasers exhaust inside through particulate control equipment so with this modification (mod 2) they were removed from the permit.

Emission Source/Control: DB003 - Control
Control Type: BAFFLE



Emission Source/Control: DB004 - Control
Control Type: BAFFLE

Emission Source/Control: DB005 - Control
Control Type: BAFFLE

Emission Source/Control: LASE3 - Process
Design Capacity: 2,000 watts

Emission Source/Control: LASE4 - Process
Design Capacity: 2,000 watts

Emission Source/Control: LASE5 - Process
Design Capacity: 2,000 watts

Condition 2-18: Compliance Demonstration
Effective between the dates of 07/28/2011 and Permit Expiration Date

Applicable State Requirement:6 NYCRR 212.4 (b)

Item 2-18.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 0-00101

Regulated Contaminant(s):
CAS No: 018540-29-9 CHROMIUM(VI)

Item 2-18.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

During this permit review process (modification 2) it was determined that laser cutting of stainless steel exceeded the DAR-1 Annual Guidance Concentrations (AGC) of hexavalent chromium. Blackstone has installed two One Donaldson Torit PowerCore Model TG 8 Dust Collectors with 8 PowerCore filter packs on lasers 1 and 2. These two dust collectors discharge inside the plant now. Stainless steel materials can only be cut on lasers 1 and 2 and are prohibited from being cut on lasers 3, 4 and 5, because the later emit directly outside. Stainless steel may be cut on lasers 3, 4 or 5 only if that machine exhausts through one of the Donaldson filter packs.

Since lasers 1 and 2 now exhaust inside the emissions points and emission source/control for these two systems have been removed from this permit. There are no reporting requirements in this permit condition.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING



DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

