



PERMIT
Under the Environmental Conservation Law (ECL)

IDENTIFICATION INFORMATION

Permit Type: Air State Facility
Permit ID: 6-3013-00237/00007
Mod 0 Effective Date: 11/20/2003 Expiration Date: No expiration date.
Mod 1 Effective Date: 09/09/2004 Expiration Date: No expiration date.
Mod 2 Effective Date: 04/20/2009 Expiration Date: No expiration date.

Permit Issued To:EMPIRE AERO CENTER INC
394 HANGAR RD
ROME, NY 13441

Facility: PREMIER AVIATION OVERHAUL CENTER LTD
394 HANGAR RD - BLDG 100 & 101
ROME, NY 13441

Contact: SCOTT NESTLERODE
PREMIER AVIATION OVERHAUL CENTER LTD
394 HANGER RD
ROME, NY 13441
(315) 838-1500

Description:

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: PATRICK M CLEAREY
NYSDEC - REG 6
207 GENESEE ST
UTICA, NY 13501

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
 - Applications for Permit Renewals and Modifications
 - Permit modifications, suspensions or revocations by the Department
 - Permit Modifications, Suspensions and Revocations by the Department

Facility Level

- Submission of Applications for Permit Modification or Renewal -REGION 6 HEADQUARTERS
- Submission of application for permit modification or renewal - REGION 2 HEADQUARTERS
- Submission of application for permit modification or renewal-REGION 1 HEADQUARTERS
- Submission of application for permit modification or renewal-REGION 3 HEADQUARTERS
- Submission of application for permit modification or renewal-REGION 4 HEADQUARTERS
- Submission of application for permit modification or renewal-REGION 4 SUBOFFICE - STAMFORD
- Submission of application for permit modification or renewal-REGION 5 HEADQUARTERS
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- Submission of application for permit modification or renewal-REGION 9 HEADQUARTERS
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- Submission of applications for permit modification or renewal-REGION 0 ALBANY CENTRAL OFFICE



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 2-1: Applications for permit renewals, modifications and transfers

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.

GENERAL CONDITIONS FOR PERMITS FOR THE CONSTRUCTION AND OPERATION OF FACILITIES



Applicable State Requirement: 6 NYCRR 621.13

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 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 the permitted activity.

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 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



the Department related to the permitted activity.

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

Condition 5: Submission of Applications for Permit Modification or Renewal -REGION 6 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 6 Headquarters
Division of Environmental Permits
State Office Building, 317 Washington Street
Watertown, NY 13601-3787
(315) 785-2245

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

Applicable State Requirement: 6 NYCRR 621.6 (a)

Item 2-4.1:

Submission of applications for permit modification or renewal are to be submitted to:
NYSDEC Regional Permit Administrator
Region 2 Headquarters
Division of Environmental Permits
1 Hunters Point Plaza, 4740 21st Street
Long Island City, NY 11101-5407
(718) 482-4997

Condition 2-3: Submission of application for permit modification or renewal-REGION 1 HEADQUARTERS

Applicable State Requirement: 6 NYCRR 621.6 (a)

Item 2-3.1:

Submission of applications for permit modification or renewal are to be submitted to:
NYSDEC Regional Permit Administrator
Region 1 Headquarters
Division of Environmental Permits
Stony Brook University
50 Circle Road
Stony Brook, NY 11790-3409
(631) 444-0365

Condition 2-5: Submission of application for permit modification or renewal-REGION 3 HEADQUARTERS

Applicable State Requirement: 6 NYCRR 621.6 (a)

Item 2-5.1:



Submission of applications for permit modification or renewal are to be submitted to:
NYSDEC Regional Permit Administrator
Region 3 Headquarters
Division of Environmental Permits
21 South Putt Corners Road
New Paltz, NY 12561-1696
(845) 256-3054

Condition 2-6: Submission of application for permit modification or renewal-REGION 4

HEADQUARTERS

Applicable State Requirement: 6 NYCRR 621.6 (a)

Item 2-6.1:

Submission of applications for permit modification or renewal are to be submitted to:
NYSDEC Regional Permit Administrator
Region 4 Headquarters
Division of Environmental Permits
1130 North Westcott Rd.
Schenectady, NY 12306-2014
(518) 357-2069

Condition 2-7: Submission of application for permit modification or renewal-REGION 4

SUBOFFICE - STAMFORD

Applicable State Requirement: 6 NYCRR 621.6 (a)

Item 2-7.1:

Submission of applications for permit modification or renewal are to be submitted to:
NYSDEC Regional Permit Administrator
Region 4 Sub-office
Division of Environmental Permits
65561 State Highway 10, Suite 1
Stamford, NY 12167-9503
(607) 652-7364

Condition 2-8: Submission of application for permit modification or renewal-REGION 5

HEADQUARTERS

Applicable State Requirement: 6 NYCRR 621.6 (a)

Item 2-8.1:

Submission of applications for permit modification or renewal are to be submitted to:
NYSDEC Regional Permit Administrator
Region 5 Headquarters
Division of Environmental Permits
Route 86, PO Box 296
Ray Brook, NY 12977-0296
(518) 897-1234

Condition 2-9: Submission of application for permit modification or renewal-REGION 5

SUBOFFICE WARRENSBURG



Applicable State Requirement: 6 NYCRR 621.6 (a)

Item 2-9.1:

Submission of applications for permit modification or renewal are to be submitted to:
NYSDEC Regional Permit Administrator
Region 5 Sub-office
Division of Environmental Permits
232 Golf Course Road, PO Box 220
Warrensburg, NY 12885-0220
(518) 623-1281

Condition 2-10: Submission of application for permit modification or renewal-REGION 6

HEADQUARTERS

Applicable State Requirement: 6 NYCRR 621.6 (a)

Item 2-10.1:

Submission of applications for permit modification or renewal are to be submitted to:
NYSDEC Regional Permit Administrator
Region 6 Headquarters
Division of Environmental Permits
State Office Building, 317 Washington Street
Watertown, NY 13601-3787
(315) 785-2245

Condition 2-11: Submission of application for permit modification or renewal-REGION 6

SUBOFFICE - UTICA

Applicable State Requirement: 6 NYCRR 621.6 (a)

Item 2-11.1:

Submission of applications for permit modification or renewal are to be submitted to:
NYSDEC Regional Permit Administrator
Region 6 Sub-office
Division of Environmental Permits
State Office Building, 207 Genesee Street
Utica, NY 13501-2885
(315) 793-2555

Condition 2-12: Submission of application for permit modification or renewal-REGION 7

HEADQUARTERS

Applicable State Requirement: 6 NYCRR 621.6 (a)

Item 2-12.1:

Submission of applications for permit modification or renewal are to be submitted to:
NYSDEC Regional Permit Administrator
Region 7 Headquarters
Division of Environmental Permits
615 Erie Blvd West
Syracuse, NY 13204-2400
(315) 426-7400



Condition 2-13: Submission of application for permit modification or renewal-REGION 7

SUBOFFICE - CORTLAND

Applicable State Requirement: 6 NYCRR 621.6 (a)

Item 2-13.1:

Submission of applications for permit modification or renewal are to be submitted to:
NYSDEC Regional Permit Administrator
Region 7 Sub-office
Division of Environmental Permits
1285 Fisher Avenue
Cortland, NY 13045-1090
(607) 753-3095

Condition 2-14: Submission of application for permit modification or renewal-REGION 8

HEADQUARTERS

Applicable State Requirement: 6 NYCRR 621.6 (a)

Item 2-14.1:

Submission of applications for permit modification or renewal are to be submitted to:
NYSDEC Regional Permit Administrator
Region 8 Headquarters
Division of Environmental Permits
6274 Avon-Lima Road
Avon, NY 14414-9519
(716) 226-2466

Condition 2-15: Submission of application for permit modification or renewal-REGION 9

HEADQUARTERS

Applicable State Requirement: 6 NYCRR 621.6 (a)

Item 2-15.1:

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

Condition 2-16: Submission of application for permit modification or renewal-REGION 9

SUBOFFICE-ALLEGANY

Applicable State Requirement: 6 NYCRR 621.6 (a)

Item 2-16.1:

Submission of applications for permit modification or renewal are to be submitted to:
NYSDEC Regional Permit Administrator
Region 9 Sub-office
Division of Environmental Permits
192 E. Union Street

New York State Department of Environmental Conservation
Facility DEC ID: 6301300237



Allegany, NY 14706-1328
(716) 372-0645

Condition 2-17: Submission of applications for permit modification or renewal-REGION 0

ALBANY CENTRAL OFFICE

Applicable State Requirement: 6 NYCRR 621.6 (a)

Item 2-17.1:

Submission of applications for permit modification or renewal are to be submitted to:
NYSDEC Chief Permit Administrator
Division of Environmental Permits
625 Broadway.
Albany, NY 12233-1750
(518)402-9167

New York State Department of Environmental Conservation

Permit ID: 6-3013-00237/00007

Facility DEC ID: 6301300237



Permit Under the Environmental Conservation Law (ECL)

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

IDENTIFICATION INFORMATION

Permit Issued To:EMPIRE AERO CENTER INC
394 HANGAR RD
ROME, NY 13441

Facility: PREMIER AVIATION OVERHAUL CENTER LTD
394 HANGAR RD - BLDG 100 & 101
ROME, NY 13441

Authorized Activity By Standard Industrial Classification Code:
4581 - AIRPORTS, FLYING FIELDS, AND SERVICES

Mod 0 Permit Effective Date: 11/20/2003
date.

Permit Expiration Date: No expiration

Mod 1 Permit Effective Date: 09/09/2004
date.

Permit Expiration Date: No expiration

Mod 2 Permit Effective Date: 04/20/2009
date.

Permit Expiration Date: No expiration



LIST OF CONDITIONS

FEDERALLY ENFORCEABLE CONDITIONS

Facility Level

- 2-1 6 NYCRR 202-1.1: Required Emissions Tests
- 2-2 6 NYCRR 201-1.1 (a): Compliance Demonstration
- 1 6 NYCRR 201-3.1 (a): Exempt and Trivial Activities Applicability
- 2 6 NYCRR 201-3.2 (b): Exempt Activities - Maintenance of Control Equipment
- 3 6 NYCRR 201-3.3 (b): Trivial Activities - Maintenance of Control Equipment
- 2-3 6 NYCRR 201-7.2: Facility Permissible Emissions
- *2-4 6 NYCRR 201-7.2: Capping Monitoring Condition
- *2-5 6 NYCRR 201-7.2: Capping Monitoring Condition
- *2-6 6 NYCRR 201-7.2: Capping Monitoring Condition
- *2-7 6 NYCRR 201-7.2: Capping Monitoring Condition
- *2-8 6 NYCRR 201-7.2: Capping Monitoring Condition
- *2-9 6 NYCRR 201-7.2: Capping Monitoring Condition
- *2-10 6 NYCRR 201-7.2: Capping Monitoring Condition
- 11 6 NYCRR 202-1.1: Required Emissions Tests - Facility Level
- 12 6 NYCRR 202-1.2: Notification
- 13 6 NYCRR 202-1.3: Acceptable procedures
- 14 6 NYCRR 202-1.3: Acceptable procedures - Stack test report submittal
- 15 6 NYCRR 202-1.3: Alternate test methods
- 16 6 NYCRR 202-1.5: Prohibitions
- 2-11 6 NYCRR 212.4 (c): Compliance Demonstration
- 18 6 NYCRR 212.5 (a): Emissions from two or more devices through one emission point
- 19 6 NYCRR 212.5 (b): Emissions from a Single device through multiple emission points
- 20 6 NYCRR 212.5 (c): Emissions from two or more devices through one stack - Concentration Standard
- 21 6 NYCRR 212.5 (f): Capped sources of VOC and NOx not subject to 212.9(b) for non A-rated contaminants
- 2-12 6 NYCRR 212.6 (a): Compliance Demonstration
- 2-13 6 NYCRR 212.11 (b) (5): Compliance Demonstration
- 2-14 6 NYCRR 212.11 (b) (5): Compliance Demonstration
- 2-15 6 NYCRR 212.11 (b) (5): Compliance Demonstration
- 2-16 6 NYCRR Part 226: Compliance Demonstration
- 2-17 6 NYCRR 226.2: Compliance Demonstration
- 2-18 6 NYCRR 228-1.1 (a): Permit Requirements
- 25 6 NYCRR 228-1.1 (b) (4): Compliance upon start-up
- 27 6 NYCRR 228-1.1 (d): Will remain subject
- 2-19 6 NYCRR 228-1.1 (e) (13): Compliance Demonstration
- 2-20 6 NYCRR 228-1.2 (b) (35): Compliance Demonstration
- 2-21 6 NYCRR 228-1.4: Compliance Demonstration
- 31 6 NYCRR 228-1.5 (a): Compliance Demonstration
- 32 6 NYCRR 228-1.5 (b): Compliance Demonstration
- 33 6 NYCRR 228-1.5 (d): Department Access to Obtain Samples
- 34 6 NYCRR 228-1.5 (h): Compliance Demonstration



- 35 6 NYCRR 228-1.5 (j): Compliance Demonstration
- 36 6 NYCRR 228-1.5 (k): Compliance Demonstration
- 37 6 NYCRR 228-1.6 (a): Prohibition of Sale
- 2-22 6 NYCRR 228-1.10: Compliance Demonstration
- 2-23 40CFR 63.11170, Subpart HHHHHH: Compliance Demonstration

Emission Unit Level

- 2-24 6 NYCRR 201-7.2: Emission Unit Permissible Emissions

EU=2-BAY61

- 2-25 6 NYCRR 228-1.5 (e) (2): Compliance Demonstration
- 2-26 6 NYCRR 228-1.5 (e) (2): Compliance Demonstration

EU=3-COMP1

- 2-27 6 NYCRR 201-1.1 (a): Compliance Demonstration

STATE ONLY ENFORCEABLE CONDITIONS

Facility Level

- 89 ECL 19-0301: Contaminant List
- 90 6 NYCRR 201-1.4: Unavoidable noncompliance and violations
- 91 6 NYCRR Subpart 201-5: Emission Unit Definition
- 92 6 NYCRR 211.2: Air pollution prohibited
- 93 6 NYCRR 211.2: Compliance Demonstration
- 94 6 NYCRR 221.2: Asbestos containing surface coatings prohibited

Emission Unit Level

- 95 6 NYCRR Subpart 201-5: Emission Point Definition By Emission Unit
- 96 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: 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: Required Emissions Tests
Effective between the dates of 04/20/2009 and Permit Expiration Date

Applicable Federal Requirement:6 NYCRR 202-1.1

Item 2-1.1:

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. Such person shall bear the cost of measurement and preparing the report of measured emissions. Failure of such person to submit a report acceptable to the commissioner within the time stated shall be sufficient reason for the commissioner to suspend or deny a certificate to operate.

Condition 2-2: Compliance Demonstration
Effective between the dates of 04/20/2009 and Permit Expiration Date

Applicable Federal Requirement:6 NYCRR 201-1.1 (a)

Item 2-2.1:

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

Emission Unit: 1-BTH01
Process: PBS

Emission Unit: 2-BAY61
Process: B6S

Regulated Contaminant(s):
CAS No: 0NY100-00-0 HAP
CAS No: 0NY998-00-0 VOC

Item 2-2.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Facility shall maintain records of chemical paint stripper usage:

- 1) Recordkeeping of current MSDS and or TDS is required
- 2) Recordkeeping of monthly volume usage by gallon is required



- 3) VOC emissions shall be calculated at 100% product content released to atmosphere and this value is to be added to the facility total. Conservatively, paint filters will be assumed to capture none of these gases.
- 4) HAP emissions shall be calculated at 100% product content released to atmosphere and this value is to be added to the facility total. Conservatively, paint filters will be assumed to capture none of these gases.
- 5) The Annual Monitoring Report shall clearly indicate stripper type by name, volume usage of such, speciated VOC & HAP emissions and aggregate VOC & HAP emissions.

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 1/30/2010.
Subsequent reports are due every 12 calendar month(s).

Condition 1: Exempt and Trivial Activities Applicability
Effective between the dates of 11/20/2003 and Permit Expiration Date

Applicable Federal Requirement: 6 NYCRR 201-3.1 (a)

Item 1.1:

If the facility owner and/or operator performs any of the exempt and trivial activities listed in 6 NYCRR Part 201-3.2(c) or 201-3.3(c), such activities are exempt from the permitting provisions of 6 NYCRR Part 201-5, but not from other Parts of 6 NYCRR Chapter III, or from applicable permitting requirements of local air pollution control agencies.

Condition 2: Exempt Activities - Maintenance of Control Equipment
Effective between the dates of 11/20/2003 and Permit Expiration Date

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

Item 2.1:

Owner of any emission source or unit that is listed as eligible to be exempt in 6 NYCRR Part 201-3.2(c), on the basis of the use of appropriate emission control device shall operate and maintain such device in a manner consistent with good engineering practices.

Condition 3: Trivial Activities - Maintenance of Control Equipment
Effective between the dates of 11/20/2003 and Permit Expiration Date

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

Item 3.1:

The owner and /or operator of any emission source or unit that is listed as eligible to be exempt in 6 NYCRR Part 201-3.3(c), on the basis of the use of appropriate emission control device shall operate and maintain such device in a manner consistent with good engineering practices.

Condition 2-3: Facility Permissible Emissions
Effective between the dates of 04/20/2009 and Permit Expiration Date



Applicable Federal Requirement:6 NYCRR 201-7.2

Item 2-3.1:

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

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

per year	CAS No: 000067-56-1 (From Mod 2)	PTE: 18,000 pounds
	Name: METHYL ALCOHOL	
per year	CAS No: 000084-74-2 (From Mod 2)	PTE: 18,000 pounds
	Name: 1,2-BENZENEDICARBOXYLIC ACID, DIBUTYL ESTER	
per year	CAS No: 000100-41-4 (From Mod 2)	PTE: 18,000 pounds
	Name: ETHYLBENZENE	
per year	CAS No: 000100-42-5 (From Mod 2)	PTE: 18,000 pounds
	Name: STYRENE	
per year	CAS No: 000108-10-1 (From Mod 2)	PTE: 18,000 pounds
	Name: 2-PENTANONE, 4-METHYL	
per year	CAS No: 000108-88-3 (From Mod 2)	PTE: 18,000 pounds
	Name: TOLUENE	
per year	CAS No: 001314-60-9 (From Mod 2)	PTE: 18,000 pounds
	Name: ANTIMONY OXIDE	
per year	CAS No: 001330-20-7 (From Mod 2)	PTE: 18,000 pounds
	Name: XYLENE, M, O & P MIXT.	
per year	CAS No: 007738-94-5 (From Mod 2)	PTE: 18,000 pounds
	Name: CHROMIC ACID	
year	CAS No: 007758-97-6 (From Mod 2)	PTE: 400 pounds per
	Name: LEAD CHROMATE	
year	CAS No: 007789-06-2 (From Mod 2)	PTE: 250 pounds per
	Name: STRONTIUM CHROMATE	



year	CAS No: 010294-40-3 (From Mod 2)	PTE: 275 pounds per
	Name: CHROMIC ACID, BARIUM SALT	
year	CAS No: 011103-86-9 (From Mod 2)	PTE: 250 pounds per
	Name: POTASSIUM ZINC CHROMATE HYDROXIDE	
per year	CAS No: 013423-61-5 (From Mod 2)	PTE: 18,000 pounds
	Name: MAGNESIUM CHROMATE	
per year	CAS No: 015432-85-6 (From Mod 2)	PTE: 18,000 pounds
	Name: SODIUM ANTIMONATE	
per year	CAS No: 024613-89-6 (From Mod 2)	PTE: 18,000 pounds
	Name: CHROMIC ACID, CHROMIUM (+3) SALT	
per year	CAS No: 0NY100-00-0 (From Mod 2)	PTE: 45,000 pounds
	Name: HAP	
per year	CAS No: 0NY998-00-0 (From Mod 2)	PTE: 90,000 pounds
	Name: VOC	

Condition 2-4: Capping Monitoring Condition
Effective between the dates of 04/20/2009 and Permit Expiration Date

Applicable Federal Requirement: 6 NYCRR 201-7.2

Item 2-4.1:

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

6 NYCRR 212.4 (b)

Item 2-4.2:

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

Item 2-4.3:

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 2-4.4:

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 2-4.5:

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 2-4.6:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 007789-06-2 STRONTIUM CHROMATE

Item 2-4.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

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

Monitoring Description:

Facility owner shall ensure that the pre-control emissions of Strontium Chromate, including those from permitted, exempt, and trivial sources, remain less than 250 pounds during any consecutive 365 day period. Pre-control means that emissions are to be considered prior to the removal efficiency of paint booth filters. This cap has been based upon DAR-1 modeling in 2008. This model indicated an AGC breach within 147 meters of emission points EPH61 and EPH62 when 250 lbs/yr was exceeded.

Records: Facility owner must maintain records that verify the facility's monthly Strontium Chromate emissions. Emissions shall be based upon 100% loss of strontium chromate content of each strontium chromate-containing coating based on actual material usages. These records must be maintained at the facility for a period of not less than five years.

Reports: Reports shall be submitted annually, in a format acceptable to the Commissioner's representative, which document that the facility's strontium chromate emissions over any consecutive 365 day period were below 250 pre-control pounds. The annual reports must include information that documents the strontium chromate



emissions from each emission source at the facility, including exempt and trivial activities. The report must also include all emission factors and other data used in calculating the monthly strontium chromate emissions.

Noncompliance: Any noncompliance with the strontium chromate emission limit in this condition must be reported by sending a copy of such record to the NYSDEC Region 6 within 30 days of the occurrence.

Process Material: COATING
Parameter Monitored: STRONTIUM CHROMATE
Upper Permit Limit: 250 pounds per year
Reference Test Method: EPA Reference Method 24
Monitoring Frequency: MONTHLY
Averaging Method: ANNUAL TOTAL ROLLED MONTHLY
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2010.
Subsequent reports are due every 12 calendar month(s).

Condition 2-5: Capping Monitoring Condition
Effective between the dates of 04/20/2009 and Permit Expiration Date

Applicable Federal Requirement: 6 NYCRR 201-7.2

Item 2-5.1:

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

6 NYCRR 212.4 (b)

Item 2-5.2:

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

Item 2-5.3:

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

Item 2-5.4:

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



applicable requirement.

Item 2-5.5:

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

Item 2-5.6:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 007758-97-6 LEAD CHROMATE

Item 2-5.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

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

Monitoring Description:

Facility owner shall ensure that the pre-control emissions of Lead Chromate, including those from permitted, exempt, and trivial sources, remain less than 400 pounds during any consecutive 365 day period. Pre-control means that emissions are to be considered prior to the removal efficiency of paint booth filters. This cap has been based upon DAR-1 modeling in 2008. This model indicated an AGC breach within 172 meters of emission points EPH61 and EPH62 when 400 lbs/yr was exceeded.

Records: Facility owner must maintain records that verify the facility's monthly Lead Chromate emissions. Emissions shall be based upon 100% loss of lead chromate content of each lead chromate-containing material based on actual material usages. These records must be maintained at the facility for a period of not less than five years.

Reports: Reports shall be submitted annually, in a format acceptable to the Commissioner's representative, which document that the facility's lead chromate emissions over any consecutive 365 day period were below 400 pre-control pounds. The annual reports must include information that documents the lead chromate emissions from each emission source at the facility, including exempt and trivial activities. The report must also include all emission factors and other data used in calculating the monthly lead chromate emissions.

Noncompliance: Any noncompliance with the lead chromate emission limit in this condition must be reported by

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The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 010294-40-3 CHROMIC ACID, BARIUM SALT

Item 2-6.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

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

Monitoring Description:

Facility owner shall ensure that the pre-control emissions of Barium Chromate, including those from permitted, exempt, and trivial sources, remain less than 275 pounds during any consecutive 365 day period. Pre-control means that emissions are to be considered prior to the removal efficiency of paint booth filters. This cap has been based upon DAR-1 modeling in 2008. This model indicated an AGC breach within 117 meters of emission points EPH61 and EPH62 when 275 lbs/yr was exceeded.

Records: Facility owner must maintain records that verify the facility's monthly Barium Chromate emissions. Emissions shall be based upon 100% loss of Barium Chromate content of each Barium Chromate-containing material based on actual material usages. These records must be maintained at the facility for a period of not less than five years.

Reports: Reports shall be submitted annually, in a format acceptable to the Commissioner's representative, which document that the facility's Barium Chromate emissions over any consecutive 365 day period were below 275 pre-control pounds. The annual reports must include information that documents the Barium Chromate emissions from each emission source at the facility, including exempt and trivial activities. The report must also include all emission factors and other data used in calculating the monthly Barium Chromate emissions.

Noncompliance: Any noncompliance with the Barium Chromate emission limit in this condition must be reported by sending a copy of such record to the NYSDEC Region 6 within 30 days of the occurrence.

Process Material: COATING

Parameter Monitored: CHROMIC ACID, BARIUM SALT

Upper Permit Limit: 275 pounds per year

Reference Test Method: EPA Reference Method 24

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Permit ID: 6-3013-00237/00007

Facility DEC ID: 6301300237



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

Item 2-7.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

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

Monitoring Description:

Facility owner shall ensure that emissions of Volatile Organic Compounds (VOC), including those from permitted, exempt, and trivial sources, remain less than 90,000 pounds during any consecutive 365 day period.

Records: Facility owner must maintain records that verify the facility's monthly VOC emissions. These records must be maintained at the facility for a period of not less than five years.

Reports: Reports will be submitted annually, in a format acceptable to the Commissioner's representative, which document that the facility's VOC emissions over any consecutive 365 day period were less than 90,000 pounds. The annual reports must include information that documents the VOC emissions from each emission source at the facility, including exempt and trivial activities. The report must also include all emission factors and other data used in calculating the monthly VOC emissions.

Any noncompliance with the VOC emission limit in this condition must be reported by sending a copy of such record to the NYSDEC Region 6 within 30 days of the occurrence.

Parameter Monitored: VOC
Upper Permit Limit: 90,000 pounds per year
Reference Test Method: EPA Reference Method 25A
Monitoring Frequency: MONTHLY
Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2010.
Subsequent reports are due every 12 calendar month(s).

Condition 2-8: Capping Monitoring Condition
Effective between the dates of 04/20/2009 and Permit Expiration Date

Applicable Federal Requirement: 6 NYCRR 201-7.2

Item 2-8.1:

Under the authority of 6 NYCRR Part 201-7, this condition contains an emission cap for the

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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)
40 CFR Part 63, Subpart GG
40 CFR Part 63, Subpart WWWW

Item 2-8.2:

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

Item 2-8.3:

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 2-8.4:

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 2-8.5:

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 2-8.6:

The Compliance Demonstration activity will be performed for the Facility.

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

Item 2-8.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

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

Monitoring Description:

Facility owner shall ensure that cumulative emissions of Hazardous Air Pollutants (HAP), including those from permitted, exempt, and trivial sources, remain less than 45,000 pounds during any consecutive 365 day period.

Facility owner must maintain records that verify the



facility's monthly HAP emissions. These records must be maintained at the facility for a period of not less than five years.

Reports will be submitted annually, in a format acceptable to the Commissioner's representative, which document that the facility's HAP emissions over any consecutive 365 day period were less than 45,000 pounds. The annual reports must include information that documents the HAP emissions from each emission source at the facility, including exempt and trivial activities. The report must also include all emission factors and other data used in calculating the monthly HAP emissions.

Any noncompliance with the HAP emission limit in this condition must be reported by sending a copy of such record to the NYSDEC Region 6 within 30 days of the occurrence.

Parameter Monitored: HAP

Upper Permit Limit: 45,000 pounds per year

Reference Test Method: EPA Reference Methods 311 &/or 24

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2010.

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

Condition 2-9: Capping Monitoring Condition
Effective between the dates of 04/20/2009 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)

40 CFR Part 63, Subpart GG

40 CFR Part 63, Subpart WWWW

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: 000067-56-1	METHYL ALCOHOL
CAS No: 000084-74-2	
1,2-BENZENEDICARBOXYLIC ACID, DIBUTYL ESTER	
CAS No: 000100-41-4	ETHYLBENZENE
CAS No: 000100-42-5	STYRENE
CAS No: 000108-10-1	2-PENTANONE, 4-METHYL
CAS No: 000108-88-3	TOLUENE
CAS No: 007738-94-5	CHROMIC ACID
CAS No: 001314-60-9	ANTIMONY OXIDE
CAS No: 013423-61-5	MAGNESIUM CHROMATE
CAS No: 015432-85-6	SODIUM ANTIMONATE
CAS No: 024613-89-6	CHROMIC ACID, CHROMIUM (+3) SALT
CAS No: 001330-20-7	XYLENE, M, O & P MIXT.

Item 2-9.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

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

Monitoring Description:

Facility owner shall ensure that emissions of any speciated HAP, including those from permitted, exempt and trivial sources, remain less than 18,000 pounds during any consecutive 365 day period.

Facility owner must maintain records that verify the facility's monthly HAP emissions. Emissions shall be based upon 100% loss of HAP content of each HAP-containing material based on actual material usages. These records must be maintained at the facility for a period of not less than five years.



Reports will be submitted annually, in a format acceptable to the Commissioner's representative, which document that the facility's speciated HAP emissions over any consecutive 365 day period were less than 18,000 pounds. The report must also include all emission factors and other data used in calculating the monthly HAP emissions.

Any noncompliance with the speciated HAP emission limit in this condition must be reported by sending a copy of such record to the NYSDEC Region 6 within 30 days of the occurrence.

Parameter Monitored: HAP
Upper Permit Limit: 18,000 pounds per year
Reference Test Method: EPA Reference Methods 24 &/or 311
Monitoring Frequency: MONTHLY
Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2010.
Subsequent reports are due every 12 calendar month(s).

Condition 2-10: Capping Monitoring Condition
Effective between the dates of 04/20/2009 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 212.4 (b)

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: 011103-86-9 POTASSIUM ZINC CHROMATE HYDROXIDE

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:

Facility owner shall ensure that the pre-control emissions of Zinc Chromate, including those from permitted, exempt, and trivial sources, remain less than 250 pounds during any consecutive 365 day period. Pre-control means that emissions are to be considered prior to the removal efficiency of paint booth filters. This cap has been based upon DAR-1 modeling in 2008. This model indicated an AGC breach within 137 meters of emission points EPH61 and EPH62 when 250 lbs/yr was exceeded.

Records: Facility owner must maintain records that verify the facility's monthly Zinc Chromate emissions. Emissions shall be based upon 100% loss of zinc chromate content of each zinc chromate-containing coating based on actual material usages. These records must be maintained at the facility for a period of not less than five years.

Reports: Reports shall be submitted annually, in a format acceptable to the Commissioner's representative, which document that the facility's zinc chromate emissions over any consecutive 365 day period were below 250 pre-control pounds. The annual reports must include information that documents the zinc chromate emissions from each emission source at the facility, including exempt and trivial activities. The report must also include all emission factors and other data used in calculating the monthly zinc chromate emissions.

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Noncompliance: Any noncompliance with the zinc chromate emission limit in this condition must be reported by sending a copy of such record to the NYSDEC Region 6 within 30 days of the occurrence.

Process Material: COATING

Parameter Monitored: POTASSIUM ZINC CHROMATE HYDROXIDE

Upper Permit Limit: 250 pounds per year

Reference Test Method: EPA Reference Method 24

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL TOTAL ROLLED MONTHLY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2010.

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

Condition 11: Required Emissions Tests - Facility Level
Effective between the dates of 11/20/2003 and Permit Expiration Date

Applicable Federal Requirement:6 NYCRR 202-1.1

Item 11.1:

An acceptable report of measured emissions shall be submitted, as required by the commissioner, to ascertain compliance or noncompliance with any air pollution code, rule, or regulation.

Condition 12: Notification
Effective between the dates of 11/20/2003 and Permit Expiration Date

Applicable Federal Requirement:6 NYCRR 202-1.2

Item 12.1:

A person who is required by the commissioner to submit a stack test report shall notify the commissioner, in writing, not less than 30 days prior to the test, of the time and date of the test. Such notification shall also include the acceptable procedures to be used to stack test including sampling and analytical procedures. Such person shall allow the commissioner, or his representative, free access to observe stack testing being conducted by such person.

Condition 13: Acceptable procedures
Effective between the dates of 11/20/2003 and Permit Expiration Date

Applicable Federal Requirement:6 NYCRR 202-1.3

Item 13.1:

Emission testing, sampling, and analytical determinations to ascertain compliance with this Subpart shall be conducted in accordance with test methods acceptable to the commissioner.

Condition 14: Acceptable procedures - Stack test report submittal
Effective between the dates of 11/20/2003 and Permit Expiration Date

Applicable Federal Requirement:6 NYCRR 202-1.3

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Permit ID: 6-3013-00237/00007

Facility DEC ID: 6301300237



CAS No: 0NY075-00-0 PARTICULATES

Item 2-11.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

Emissions of solid particles are limited to less than 0.05 grains of particulates per cubic foot of exhaust gas, expressed at standard conditions and on a dry gas basis.

Performance testing (EPA RM 5) is the only true method to prove compliance with this standard and shall be conducted at the discretion of the Department.

In the absence of a formal stack test, facility shall attest to compliance by visually monitoring and recording (once per week) the exhaust plume from each involved emission point. These observations shall be recorded in a log book which shall be submitted annually and shall be retained for a five year period.

NOTE: The terminus of some stacks (certainly EP# CMP01, and to some extent PSB1 & PSB2) at Empire Aero Center are not visible without the climbing of tall ladders. In such a case, the observer shall attempt to view the approximate airspace above/near the EP. It has been determined that all observations can be performed from ground level at a position that is 225 feet SE (approx) of the visitor entrance to EAC.

Parameter Monitored: PARTICULATES
Upper Permit Limit: 0.05 grains per dscf
Reference Test Method: EPA Reference Method 5
Monitoring Frequency: WEEKLY
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2010.
Subsequent reports are due every 12 calendar month(s).

Condition 18: Emissions from two or more devices through one emission point
Effective between the dates of 11/20/2003 and Permit Expiration Date

Applicable Federal Requirement: 6 NYCRR 212.5 (a)

Item 18.1:

Where air contaminants from two or more devices or contrivances are emitted to the outdoor atmosphere through a single emission point, the permissible emission rate or degree of air



Emission Unit: 1-BTH01	Emission Point: PSB01
Emission Unit: 1-BTH01	Emission Point: PSB02
Emission Unit: 1-BTH01	Emission Point: PSB3A
Emission Unit: 1-BTH01	Emission Point: PSB3B
Emission Unit: 1-BTH01	Emission Point: PSB3C
Emission Unit: 1-BTH01	Emission Point: PSB3D
Emission Unit: 1-BTH01 Process: PBS	
Emission Unit: 2-BAY61	Emission Point: EPH61
Emission Unit: 2-BAY61	Emission Point: EPH62
Emission Unit: 2-BAY61 Process: B6S	
Emission Unit: 3-COMP1	Emission Point: CMP01
Emission Unit: 3-COMP1 Process: CMP	
Regulated Contaminant(s): CAS No: 0NY075-00-0	PARTICULATES

Item 2-12.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

No person shall cause or allow emissions to the outdoor atmosphere having an average opacity of 20% or greater for any consecutive six-minute period from any process emission source subject to 6 NYCRR 201.

EPA Reference Method 9 is the only formal determinate of opacity compliance and the Department reserves the right to perform or require the performance of a RM9.

In the absence of a formal RM 9, facility shall attest to opacity compliance by visually monitoring and recording the magnitude of optical density of the exhaust plume from each referenced emission point. This observation shall be made once per week and while the source is operating. The observer shall not consider that portion of the plume that is due to water vapor. These observations shall be



The Compliance Demonstration applies to:

Emission Unit: 2-BAY61 Process: B62	Emission Source: S6F01
Emission Unit: 2-BAY61 Process: B62	Emission Source: S6F07
Emission Unit: 2-BAY61 Process: B62	Emission Source: S6F10
Emission Unit: 2-BAY61 Process: B62	Emission Source: S6FO4
Emission Unit: 2-BAY61 Process: B6S	Emission Source: S6F01
Emission Unit: 2-BAY61 Process: B6S	Emission Source: S6F07
Emission Unit: 2-BAY61 Process: B6S	Emission Source: S6F10
Emission Unit: 2-BAY61 Process: B6S	Emission Source: S6FO4

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

Item 2-13.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

Source owner shall operate and maintain the 1st stage paint booth filter (an array of 1st stage filters, one array in each of the four filter banks) within the manufacturer's recommended pressure drop range, as referenced below. Magnehelic readings shall be monitored and logged once per shift whenever the paint booth is in operation. Instances of deviation shall require root cause analysis including, but not limited to, filter inspection or filter replacement.

Parameter Monitored: PRESSURE DROP

Lower Permit Limit: 0.03 inches of water

Upper Permit Limit: 0.75 inches of water

Reference Test Method: None

Monitoring Frequency: PER SHIFT

Averaging Method: RANGE - NOT TO FALL OUTSIDE OF STATED
RANGE AT ANY TIME

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and logged once per shift whenever the paint booth is in operation. Instances of deviation shall require root cause analysis including, but not limited to, filter inspection or filter replacement.

Parameter Monitored: PRESSURE DROP
Lower Permit Limit: 0.09 inches of water
Upper Permit Limit: 1.33 inches of water
Reference Test Method: None
Monitoring Frequency: PER SHIFT
Averaging Method: RANGE - NOT TO FALL OUTSIDE OF STATED RANGE AT ANY TIME
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2010.
Subsequent reports are due every 12 calendar month(s).

Condition 2-15: Compliance Demonstration
Effective between the dates of 04/20/2009 and Permit Expiration Date

Applicable Federal Requirement:6 NYCRR 212.11 (b) (5)

Item 2-15.1:

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

- Emission Unit: 2-BAY61
Process: B62 Emission Source: S6F03
Emission Unit: 2-BAY61
Process: B62 Emission Source: S6F06
Emission Unit: 2-BAY61
Process: B62 Emission Source: S6F09
Emission Unit: 2-BAY61
Process: B62 Emission Source: S6F12
Emission Unit: 2-BAY61
Process: B6S Emission Source: S6F03
Emission Unit: 2-BAY61
Process: B6S Emission Source: S6F06
Emission Unit: 2-BAY61
Process: B6S Emission Source: S6F09
Emission Unit: 2-BAY61
Process: B6S Emission Source: S6F12

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



Item 2-15.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

Source owner shall operate and maintain the 3rd stage paint booth filter (an array of 3rd stage filters, one array in each of the four filter banks) within the manufacturer's recommended pressure drop range, as referenced below. Magnehelic readings shall be monitored and logged once per shift whenever the paint booth is in operation. Instances of deviation shall require root cause analysis including, but not limited to, filter inspection or filter replacement.

Parameter Monitored: PRESSURE DROP

Lower Permit Limit: 0.10 inches of water

Upper Permit Limit: 1.17 inches of water

Reference Test Method: None

Monitoring Frequency: PER SHIFT

Averaging Method: RANGE - NOT TO FALL OUTSIDE OF STATED
RANGE AT ANY TIME

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2010.

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

Condition 2-16: Compliance Demonstration

Effective between the dates of 04/20/2009 and Permit Expiration Date

Applicable Federal Requirement: 6 NYCRR Part 226

Item 2-16.1:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

Item 2-16.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

6NYCRR 226. Requirements for Cold Cleaning Degreasers
(Non Title V after 12/31/2003)

A. Equipment Specifications

The following types of control equipment must be used when
conducting cold cleaning degreasing, solvent metal



cleaning:

- (1) A cover which can be operated easily.
- (2) An internal drainage facility (under cover), if practical.
- (3) A control system that limits VOC emissions to those achievable with equipment having a freeboard ratio greater than or equal to 0.5, or a water cover when the solvent is insoluble in and heavier than water. This does not apply to remote reservoir degreasers.
- (4) Solvent with a vapor pressure of 1.0 mm Hg, or less, at 20 C.

B. Operating Requirements:

When cold cleaning, the clean parts must be drained at least 15 seconds or until dripping ceases.

C. General Requirements:

A Person conducting solvent metal cleaning must:

- (1) Store solvent in covered containers and transfer or dispose of waste solvent in such a manner that less than 20 percent of the waste solvent (by weight) can evaporate into the atmosphere.
- (2) Maintain equipment to minimize leaks and fugitive emissions.
- (3) Display at the equipment location a conspicuous summary of proper operating procedures consistent with minimizing emissions of VOCs.
- (4) Keep the degreaser cover closed except when:
 - (a) parts are being placed into or being removed from the degreaser;
 - (b) adding or removing solvent from the degreaser;
 - (c) no solvent is in the degreaser; or
 - (d) when manually cleaning metal parts in the cold cleaning degreaser.
- (5) Create and retain a record of solvent consumption for five years. This record must be made available to the Department upon request.
- (6) Not clean sponges, fabric, wood, leather, paper products and other absorbent materials in a degreaser.
- (7) If using a cold cleaning degreaser that is subject to paragraph 226.3(a)(4), retain a record of the following three items for five years and provide these records to the Department upon request. An invoice, a bill of sale, a certificate covering multiple sales, a Material Safety Data Sheet (MSDS), or other appropriate documentation acceptable to the Department may be used to comply with this requirement.
 - (a) the name and address of the solvent supplier;



- (1) identify the method(s) (e.g., sampling, testing, etc.), if any, that will be used to comply with the requirements of this Part;
- (2) where applicable, provide a process specific reasonably available control technology (RACT) determination under subdivision 228.3(e) unless the RACT demonstration has already been approved by the Department and the Administrator and a reevaluation frequency for the RACT determination is included in the facility's existing Title V facility permit or State facility permit; and
- (3) where applicable, submit evidence to demonstrate that the shut down of a natural gas fired VOC incinerator pursuant to subdivision 228.3(b) will not jeopardize air quality.

Condition 25: Compliance upon start-up
Effective between the dates of 11/20/2003 and Permit Expiration Date

Applicable Federal Requirement:6 NYCRR 228-1.1 (b) (4)

Item 25.1:

Unless otherwise noted in this permit; a coating line listed in table 1 of section 228.7 of 6 NYCRR Part 228; which is located outside the New York City metropolitan area and the Lower Orange County metropolitan area; for which the annual potential to emit VOCs from all sources at the facility, regardless of process type but excluding combustion installations, equals or exceeds 10 tons; must comply with all provisions applicable to that coating line upon start-up.

Condition 27: Will remain subject
Effective between the dates of 11/20/2003 and Permit Expiration Date

Applicable Federal Requirement:6 NYCRR 228-1.1 (d)

Item 27.1:

Any coating line that is or becomes subject to the provisions of 6 NYCRR Part 228 will remain subject to these provisions even if the annual potential to emit VOCs for the facility later falls below the thresholds set forth in 228.1(b).

Condition 2-19: Compliance Demonstration
Effective between the dates of 04/20/2009 and Permit Expiration Date

Applicable Federal Requirement:6 NYCRR 228-1.1 (e) (13)

Item 2-19.1:

The Compliance Demonstration activity will be performed for the Facility.

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

Item 2-19.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Low-use surface coatings used for intermittent or specialty-type operations, where the combined facility-wide total usage is 55 gallons or less on a



twelve month rolling basis are not subject to the requirements of 6 NYCRR 228. Records of low-use surface coatings usage must be maintained on an as used basis in a format acceptable to the department in accordance with the recordkeeping provisions of section 228.5. Beginning January 1, 2005, mobile equipment repair and refinishing or color matched coating lines will not qualify for this exemption.

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 1/30/2010.
Subsequent reports are due every 12 calendar month(s).

Condition 2-20: Compliance Demonstration
Effective between the dates of 04/20/2009 and Permit Expiration Date

Applicable Federal Requirement:6 NYCRR 228-1.2 (b) (35)

Item 2-20.1:

The Compliance Demonstration activity will be performed for the Facility.

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

Item 2-20.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

For all surface coatings subject to 6NYCRR Part 228, the VOC content (as applied, minus water and exempt VOC), must be less than or equal to the limit specified in Table 1 or Table 2 for the respective surface that is coated.

The VOC content of a coating, as applied, shall be calculated as follows:

$$(VOC)_a = [(Wv)_a - (Ww)_a - (We)_a] / [1 - \{ (Vw)_a + (Ve)_a \}]$$

Where:

(VOC)_a = VOC content of a coating, as applied, expressed as pounds of VOC per gallon of coating minus water and excluded VOC

(Wv)_a = The pounds of total volatiles per gallon of an as applied coating

(Ww)_a = The pounds of water per gallon of an as applied coating

(We)_a = The pounds of excluded VOC per gallon of an as



applied coating
(Vw)_a = The gallons of water per gallon of an as applied coating
(Ve)_a = The gallons of excluded VOC per gallon of an as applied coating

Reference Test Method: EPA Method 24
Monitoring Frequency: MONTHLY
Averaging Method: MAXIMUM - NOT TO BE EXCEEDED AT ANY TIME (INSTANTANEOUS/DISCRETE OR GRAB)
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 2-21: Compliance Demonstration
Effective between the dates of 04/20/2009 and Permit Expiration Date

Applicable Federal Requirement:6 NYCRR 228-1.4

Item 2-21.1:

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

Emission Unit: 1-BTH01	Emission Point: PSB01
Emission Unit: 1-BTH01	Emission Point: PSB02
Emission Unit: 1-BTH01	Emission Point: PSB3A
Emission Unit: 1-BTH01	Emission Point: PSB3B
Emission Unit: 1-BTH01	Emission Point: PSB3C
Emission Unit: 1-BTH01	Emission Point: PSB3D
Emission Unit: 1-BTH01 Process: PB1	
Emission Unit: 2-BAY61	Emission Point: EPH61
Emission Unit: 2-BAY61	Emission Point: EPH62
Emission Unit: 2-BAY61 Process: B62	

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

Item 2-21.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:



No person shall cause or allow emissions to the outdoor atmosphere having an average opacity of 20% or greater for any consecutive six-minute period from any process emission source subject to 6 NYCRR 228.

EPA Reference Method 9 is the only formal determinate of opacity compliance and the Department reserves the right to perform or require the performance of a RM9.

In the absence of a formal RM 9, facility shall attest to opacity compliance by visually monitoring and recording the magnitude of optical density of the exhaust plume from each referenced emission point. This observation shall be made once per week and while the source is operating. The observer shall not consider that portion of the plume that is due to water vapor. These observations shall be recorded in a log book which shall be submitted annually and shall be retained for a five year period.

If dense emissions (any that are greater than "clear" or "very minimal") are observed, then that emission point shall be re-checked on the following day. If the result is two consecutive days of dense emissions, then facility shall:

- 1) Immediately investigate the root cause and take appropriate corrective action.
- 2) Conduct a certified EPA Reference Method 9 visible emission test
- 3) Notify the NYSDEC, Division of Air Resources, Region 6
- 4) If the Method 9 test determines that the opacity is less than 20%, then an appropriate log entry of "very minimal" shall be recorded.
- 5) If the RM9 certified observer detects opacity greater than 20%, then facility shall make such an entry in the log.

These observations are intended to be made while these stacks are generating emissions from painting operations (Processes PB1 or B62), not while paint stripping operations are underway.

NOTE: The terminus of some stacks (to some extent EP# PSB1 & PSB2) at Empire Aero Center are not visible without the climbing of tall ladders. In such a case, the observer shall attempt to view the approximate airspace above/near the EP. It has been determined that all viewing can be performed from the ground, at 225 feet approximately SE of the EAC visitor entrance.

Parameter Monitored: PARTICULATES

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Upper Permit Limit: 20 percent
Reference Test Method: EPA Reference Method 5
Monitoring Frequency: WEEKLY
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2010.
Subsequent reports are due every 12 calendar month(s).

Condition 31: Compliance Demonstration
Effective between the dates of 11/20/2003 and Permit Expiration Date

Applicable Federal Requirement:6 NYCRR 228-1.5 (a)

Item 31.1:

The Compliance Demonstration activity will be performed for the Facility.

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

Item 31.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of any emission source subject to 6NYCRR Part 228 must maintain and, upon request, provide the Department with a certification from the coating supplier/manufacturer which verifies the parameters used to determine the actual VOC content of each as applied coating, (VOC)a, used at the facility. In addition, purchase, usage and/or production records of the coating material, including solvents, must be maintained in a format acceptable to the Department and, upon request, these records must be submitted to the Department. Any facility required to perform the overall removal efficiency calculation, must maintain records to verify the parameters used in the calculation. A facility owner of operator must maintain a record that identifies each air cleaning device that has an overall removal efficiency of at least 85 percent. Any additional information required to determine compliance must be provided to the Department in a format acceptable to the Department.

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 32: Compliance Demonstration
Effective between the dates of 11/20/2003 and Permit Expiration Date

Applicable Federal Requirement:6 NYCRR 228-1.5 (b)

Item 32.1:

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The Compliance Demonstration activity will be performed for the Facility.

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

Item 32.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Upon request by the Department, the owner and operator of any emission source subject to 6NYCRR Part 228, must use Method 311 or Method 24 as presented in Appendices A of both 40 CFR Parts 63 and 60, respectively (see table 1, section 200.9 of Title 6), to measure the volatile content, water content, density, volume of solids, and weight of solids in order to determine the actual VOC content of an as applied coating during a compliance demonstration.

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 33: Department Access to Obtain Samples
Effective between the dates of 11/20/2003 and Permit Expiration Date

Applicable Federal Requirement:6 NYCRR 228-1.5 (d)

Item 33.1:

Representatives of the Department must be permitted during reasonable business hours, to obtain coating samples for the purpose of determining compliance with 6NYCRR Part 228.

Condition 34: Compliance Demonstration
Effective between the dates of 11/20/2003 and Permit Expiration Date

Applicable Federal Requirement:6 NYCRR 228-1.5 (h)

Item 34.1:

The Compliance Demonstration activity will be performed for the Facility.

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

Item 34.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Every owner or operator of a facility which is not subject to the VOC control requirements set forth in section 228.3 because its annual potential to emit VOCs is below the thresholds set forth in section 228.1 must maintain records in a format acceptable to the Department

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that verify the facility's annual potential to emit VOCs.
Upon request, these records must be submitted to the
Department.

Monitoring Frequency: MONTHLY
Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 35: Compliance Demonstration
Effective between the dates of 11/20/2003 and Permit Expiration Date

Applicable Federal Requirement:6 NYCRR 228-1.5 (j)

Item 35.1:

The Compliance Demonstration activity will be performed for the Facility.

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

Item 35.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

Any information or record showing noncompliance with the
requirements of 6NYCRR Part 228 must be reported to the
Department within 30 days following notice or generation
of the information or record.

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 36: Compliance Demonstration
Effective between the dates of 11/20/2003 and Permit Expiration Date

Applicable Federal Requirement:6 NYCRR 228-1.5 (k)

Item 36.1:

The Compliance Demonstration activity will be performed for the Facility.

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

Item 36.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

All records required by 6NYCRR Part 228 must be
maintained at the facility for five years.

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY



Condition 37: Prohibition of Sale
Effective between the dates of 11/20/2003 and Permit Expiration Date

Applicable Federal Requirement:6 NYCRR 228-1.6 (a)

Item 37.1:

(A) No person shall sell, specify, or require for use the application of a coating on a part or product at a facility with a coating line described in table 1 or 2 in section 228.7 or 228.8 of 6NYCRR Part 228 if such use is prohibited by any of the provisions of this Part. The prohibition shall apply to all written or oral contracts under the terms of which any coating is to be applied to any part or product at this facility. This prohibition shall not apply to the following:

- (1) coatings utilized at surface coating lines where control equipment has been installed to meet the maximum permitted VOC content limitations specified in tables 1 and 2 of sections 228.7 or 228.8 of 6NYCRR Part 228;
- (2) coatings utilized at surface coating lines where a coating system is used which meets the requirements specified in section 228.3(d) of 6NYCRR Part 228; and
- (3) coatings utilized at surface coating lines that have been granted variances for reasons of technological and economic feasibility per section 228.3(e) of 6NYCRR Part 228.

Condition 2-22: Compliance Demonstration
Effective between the dates of 04/20/2009 and Permit Expiration Date

Applicable Federal Requirement:6 NYCRR 228-1.10

Item 2-22.1:

The Compliance Demonstration activity will be performed for the Facility.

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

Item 2-22.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Within the work area(s) associated with a coating line, the owner or operator of this facility subject to 6NYCRR Part 228 must:

- (a) use closed, non-leaking containers to store or dispose of cloth or other absorbent applicators impregnated with VOC solvents that are used for surface preparation, cleanup or coating removal;
- (b) store in closed, non-leaking containers spent or fresh VOC solvents to be used for surface preparation, cleanup



or coating removal;

(c) not use VOC solvents to cleanup spray equipment unless equipment is used to collect the cleaning compounds and to minimize VOC evaporation;

(d) not use open containers to store or dispense surface coatings and/or inks unless production, sampling, maintenance or inspection procedures require operational access. This provision does not apply to the actual device or equipment designed for the purpose of applying a coating material to a substrate. These devices may include, but are not limited to spray guns, flow coaters, dip tanks, rollers, knife coaters, and extrusion coaters;

(e) not use open containers to store or dispose of spent surface coatings, or spent VOC solvents.

(f) minimize spills during the handling and transfer of coatings and VOC solvents; and

All associated coating line work area(s) within the facility shall be inspected daily to determine if there are any open containers present, and that only acceptable spray gun cleaning methods were utilized. A log book shall be maintained to record these inspections and their results. The log book shall include the following information:

- date and time of inspection
- items or areas observed
- corrective measures taken, if necessary

Monitoring Frequency: DAILY

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 2-23: Compliance Demonstration

Effective between the dates of 04/20/2009 and Permit Expiration Date

Applicable Federal Requirement:40CFR 63.11170, Subpart HHHHHH

Item 2-23.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 2-23.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Empire Aero Center is expected to comply with NESHAP



Subpart HHHHHH on 1/10/2011. This area source subpart is applicable to minor facilities that utilize methylene chloride is paint stripping products and/or to the spray-painting application of coatings which contain a "target HAP" (compounds of chromium, lead, manganese, nickel or cadmium). If this MACT is applicable to EAC on 1/10/2011, then Permit modification will be required in order to install the new MACT citations.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

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

Condition 2-24: Emission Unit Permissible Emissions
Effective between the dates of 04/20/2009 and Permit Expiration Date

Applicable Federal Requirement:6 NYCRR 201-7.2

Applicaton Specific Data

Condition 2-25: Compliance Demonstration
Effective between the dates of 04/20/2009 and Permit Expiration Date

Applicable Federal Requirement:6 NYCRR 228-1.5 (e) (2)

Item 2-25.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 2-BAY61

Regulated Contaminant(s):

CAS No: 0NY100-00-0 HAP

CAS No: 0NY998-00-0 VOC

Item 2-25.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

When operating the Bay 6 Hangar as a paint booth, facility shall ensure that the best engineering practices are observed with respect to capture efficiency. Aside from the air makeup system, additional air is pulled into the hangar when doors and openings are properly closed, as opposed to this air escaping the hangar when doors/openings are left ajar. Particle-laden air needs to exit the hangar through the filter banks, not through other openings. Whenever painting/depainting occurs,

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facility shall absolutely keep enough doors closed or other openings sealed, so as to ensure that air is PERCEPTIBLY drawn INTO all booth openings. The regulatory basis for this requirement has been developed from 40CFR63.111739(e)(2)(ii), in Subpart HHHHHH.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 2-26: Compliance Demonstration
Effective between the dates of 04/20/2009 and Permit Expiration Date

Applicable Federal Requirement:6 NYCRR 228-1.5 (e) (2)

Item 2-26.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 2-BAY61

Regulated Contaminant(s):

CAS No: 0NY100-00-0 HAP

CAS No: 0NY998-00-0 VOC

Item 2-26.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Facility shall monitor and record the performance of Hangar 6 filter bank paint filters. This shall be accomplished through the monitoring of the pressure drop; which can be read by either the twelve Magnehelic gauges, or by computer data. The twelve readings shall be made once per workshift, but only if painting or paint-stripping operations are underway. These records shall be kept for a five-year period and are to be made available for review at NYSDEC inspections.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD - SEE MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 2-27: Compliance Demonstration
Effective between the dates of 04/20/2009 and Permit Expiration Date

Applicable Federal Requirement:6 NYCRR 201-1.1 (a)

Item 2-27.1:

The Compliance Demonstration activity will be performed for:



Emission Unit: 3-COMP1

Regulated Contaminant(s):
CAS No: 0NY100-00-0 HAP
CAS No: 0NY998-00-0 VOC

Item 2-27.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The emission factors for fiberglass operations in emission unit COMP1, Process CMP have been negotiated between NYSDEC and Empire Aero in 2008. Emission factors have a partial basis in NESHAP Subpart WWWW, which is not applicable to this facility, and best engineering practices. Products in use are both epoxy resin/catalyst mix and "Prepreg" which is fiberglass cloth that has been pre-impregnated with chilled catalyzed resin. Facility shall record monthly epoxy resin usage by gallon, monthly Prepreg usage by square yard, and use the following emission factors to calculate both VOC and HAP emissions, which will contribute to facility level emission caps:

Resin/Catalyst Mix:

2.913 lbs VOC emitted per gallon of resin/cat mix used

2.913 lbs HAP emitted per gallon of resin/cat mix used

Prepreg:

1.048 lbs VOC emitted per square yard of pre-impregnated cloth used

1.048 lbs HAP emitted per square yard of pre-impregnated cloth used

Monthly usage records are to be maintained.

Monitoring Frequency: MONTHLY

Averaging Method: 12-month total, rolled monthly

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION



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 89: Contaminant List

Effective between the dates of 11/20/2003 and Permit Expiration Date

Applicable State Requirement:ECL 19-0301

Item 89.1:

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

CAS No: 000067-56-1

Name: METHYL ALCOHOL

CAS No: 000084-74-2

Name: 1,2-BENZENEDICARBOXYLIC ACID, DIBUTYL ESTER

CAS No: 000100-41-4

Name: ETHYLBENZENE

CAS No: 000100-42-5

Name: STYRENE

CAS No: 000108-10-1

Name: 2-PENTANONE, 4-METHYL

CAS No: 000108-88-3

Name: TOLUENE

CAS No: 001314-60-9

Name: ANTIMONY OXIDE

CAS No: 001330-20-7

Name: XYLENE, M, O & P MIXT.

CAS No: 007738-94-5

Name: CHROMIC ACID

CAS No: 007758-97-6

Name: LEAD CHROMATE

CAS No: 007789-06-2

Name: STRONTIUM CHROMATE

CAS No: 010294-40-3

Name: CHROMIC ACID, BARIUM SALT

CAS No: 011103-86-9

Name: POTASSIUM ZINC CHROMATE HYDROXIDE

CAS No: 013423-61-5

Name: MAGNESIUM CHROMATE



CAS No: 015432-85-6
Name: SODIUM ANTIMONATE

CAS No: 024613-89-6
Name: CHROMIC ACID, CHROMIUM (+3) SALT

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

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

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

**Condition 90: Unavoidable noncompliance and violations
Effective between the dates of 11/20/2003 and Permit Expiration Date**

Applicable State Requirement:6 NYCRR 201-1.4

Item 90.1:

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 91: Emission Unit Definition
Effective between the dates of 11/20/2003 and Permit Expiration Date

Applicable State Requirement:6 NYCRR Subpart 201-5

Item 91.1(From Mod 2):

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

Emission Unit: 1-BTH01

Emission Unit Description:

This emission unit consists of painting or de-painting operations on aircraft parts and sub-assemblies only in any of three walk-in paint booths (PTSB1, PTSB2 & PTSB3). This work may be performed only while the exhaust fans for that particular booth are in operation. Filter maintenance is required.

Building(s): 101

Item 91.2(From Mod 2):

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

Emission Unit: 2-BAY61

Emission Unit Description:

This emission unit consists of the painting or de-painting of partial or entire aircraft only in Hangar #6. These operations may only occur while four fans (for the four filter banks) are operating and when enough doors are closed, or openings sealed as to ensure that air is perceptibly being pulled into the hangar. Emission point EPH61 is southmost and EPH62 is northmost.

Building(s): 101

Item 91.3(From Mod 2):

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



Emission Unit: 3-COMP1

Emission Unit Description:

This emission unit consists of the application of fiberglass/epoxy resin lay-up onto aircraft sub-assemblies. This work is to be performed in the dedicated fiberglass lay-up paint booth.

Building(s): 101

Condition 92: Air pollution prohibited
Effective between the dates of 11/20/2003 and Permit Expiration Date

Applicable State Requirement:6 NYCRR 211.2

Item 92.1:

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 93: Compliance Demonstration
Effective between the dates of 11/20/2003 and Permit Expiration Date

Applicable State Requirement:6 NYCRR 211.2

Item 93.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 93.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Facility shall establish a complaint response procedure to manage complaints related to air emissions from this facility. The procedure shall be designed to ensure that complaints from officials or neighbors are adequately received and documented, and that appropriate response is taken by the facility. The facility shall:

1. Have a complaint phone line available 24 hours a day, 7 days a week.
2. Investigate any possible causes of any complaint received.
3. Take prompt action to abate any circumstance which is found to be the cause of the complaint.
4. Fully document the complaint, results of investigation, and any action taken.
5. Report in a format acceptable to the Department.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING



DESCRIPTION
Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 94: Asbestos containing surface coatings prohibited
Effective between the dates of 11/20/2003 and Permit Expiration Date

Applicable State Requirement:6 NYCRR 221.2

Item 94.1:

No person shall engage in or allow surface coating by the spraying of asbestos or asbestos-containing materials.

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

Condition 95: Emission Point Definition By Emission Unit
Effective between the dates of 11/20/2003 and Permit Expiration Date

Applicable State Requirement:6 NYCRR Subpart 201-5

Item 95.1(From Mod 2):

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

Emission Unit: 1-BTH01

Emission Point: PSB01
Height (ft.): 54 Diameter (in.): 34
NYTMN (km.): 4786.013 NYTME (km.): 466.607 Building: 101

Emission Point: PSB02
Height (ft.): 54 Diameter (in.): 36
NYTMN (km.): 4786.013 NYTME (km.): 466.607 Building: 101

Emission Point: PSB3A
Height (ft.): 55 Diameter (in.): 33
NYTMN (km.): 4786.013 NYTME (km.): 466.607 Building: 101

Emission Point: PSB3B
Height (ft.): 55 Diameter (in.): 33
NYTMN (km.): 4786.013 NYTME (km.): 466.607 Building: 101

Emission Point: PSB3C
Height (ft.): 55 Diameter (in.): 33
NYTMN (km.): 4786.013 NYTME (km.): 466.607 Building: 101

Emission Point: PSB3D
Height (ft.): 55 Diameter (in.): 33
NYTMN (km.): 4786.013 NYTME (km.): 466.607 Building: 101

Item 95.2(From Mod 2):

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



Emission Unit: 2-BAY61

Emission Point: EPH61
Height (ft.): 96 Diameter (in.): 67
NYTMN (km.): 4786.013 NYTME (km.): 466.607 Building: 101

Emission Point: EPH62
Height (ft.): 96 Diameter (in.): 67
NYTMN (km.): 4786.013 NYTME (km.): 466.607 Building: 101

Item 95.3(From Mod 2):

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

Emission Unit: 3-COMP1

Emission Point: CMP01
Height (ft.): 52 Diameter (in.): 34
NYTMN (km.): 4786.013 NYTME (km.): 466.607 Building: 101

Item 95.4(From Mod 0):

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

Emission Unit: 1-BTH01

Emission Point: DRY01
Height (ft.): 41 Diameter (in.): 9
NYTMN (km.): 4786.013 NYTME (km.): 466.607 Building: 101

**Condition 96: Process Definition By Emission Unit
Effective between the dates of 11/20/2003 and Permit Expiration Date**

Applicable State Requirement:6 NYCRR Subpart 201-5

Item 96.1(From Mod 2):

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

Emission Unit: 1-BTH01
Process: PB1 Source Classification Code: 4-02-025-11
Process Description:

This Process consists of the spray paint coating of aircraft parts or aircraft sub-assemblies; and such painting shall occur only in any one of three walk-in spray booths PTSB1, PTSB2 & PSTB3. For Part 228 purposes: All aircraft parts shall be considered "Aerospace" and due to the 50 ton/yr VOC cap, these coatings need not meet the VOC-content limitations of Part 228/Table 2.

NOTE: In 2008, the filters in spray booths PTSB1, PTSB2 & PSTB3 are not certified for particulate HAP capture. These filters capture other particulate and do require maintenance. Consequently, all VOC & HAP constituents in coatings that are applied in these walk-in booths shall be



conservatively considered to be 100% released into the atmosphere. Emissions calculations shall follow this plan.

NOTE: 40 CFR 63-Subpart HHHHHH will apply to Empire Aero Center on 1/10/2011. This area source NESHAP strictly regulates methylene chloride (HAP) in paint stripping agents and "target HAPs" (chromium, lead, manganese, nickel & cadmium) in coatings. Various facility requirements will be in effect. Facility shall be in compliance by 1/10/2011 and then a permit modification will be required. The current filters in these walk-in booths are not certified for HHHHHH "target HAP" capture that will be required in 2011.

Emission Source/Control: PBFF1 - Control
Control Type: FABRIC FILTER

Emission Source/Control: PBFF2 - Control
Control Type: FABRIC FILTER

Emission Source/Control: PBFF3 - Control
Control Type: FABRIC FILTER

Emission Source/Control: PTSB1 - Process

Emission Source/Control: PTSB2 - Process

Emission Source/Control: PTSB3 - Process

Item 96.2(From Mod 2):

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

Emission Unit: 1-BTH01

Process: PBS

Process Description:

This process consists of the chemical depainting of aircraft parts and sub-assemblies; such paint stripping will be accomplished in any one of three walk-in paint booths. Stripper could be applied by spray gun or brush. VOC and HAP emissions from stripper shall be regulated by Part 212 and shall be calculated from the 100% release of hazardous air pollutants that are listed on MSDS or TDS documentation.

Emission Source/Control: PBFF1 - Control
Control Type: FABRIC FILTER

Emission Source/Control: PBFF2 - Control
Control Type: FABRIC FILTER

Emission Source/Control: PBFF3 - Control



Control Type: FABRIC FILTER

Emission Source/Control: PTSB1 - Process

Emission Source/Control: PTSB2 - Process

Emission Source/Control: PTSB3 - Process

Item 96.3(From Mod 2):

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

Emission Unit: 2-BAY61

Process: B62

Source Classification Code: 4-02-024-99

Process Description:

Process B62 consists of the re-painting of partial or entire aircraft in Hangar #6. Coatings shall ONLY be applied while the four filter bank fans are operating. Enough hangar doors shall be kept closed, or openings sealed as to ensure that make-up air is always moving, in a perceptible manner, INTO the hangar. Three-stage PM filters shall be installed, maintained and monitored. Aircraft painting shall be considered "Aerospace" (Table 2) for Part 228 purposes. Coating may be applied by either spray gun or brush.

NOTE: A distinction shall be made between gaseous and particulate VOC & HAP emissions specifically when calculating the painting emissions generated in Hangar #6. Most VOC & HAP emissions will be gaseous and a conservative 100% product content release (per MSDS/TDS info) to the atmosphere is to be assumed. Filters cannot be expected to capture these gases. Metal HAP constituents including chromium, lead, manganese, nickel and cadmium generate as PM emissions, which are believed to undergo a 99% capture (1% release) on certified triple-filter systems.

NOTE: 40 CFR 63-Subpart HHHHHH will apply to Empire Aero Center on 1/10/2011. This area source NESHAP strictly regulates methylene chloride (HAP) in paint stripping agents and "target HAPs" (chromium, lead, manganese, nickel & cadmium) in coatings. Facility shall be in compliance by 1/10/2011 and then permit modification will be required.

Emission Source/Control: S6F01 - Control
Control Type: FABRIC FILTER

Emission Source/Control: S6F02 - Control
Control Type: FABRIC FILTER

Emission Source/Control: S6F03 - Control
Control Type: FABRIC FILTER



Emission Source/Control: S6F06 - Control
Control Type: FABRIC FILTER

Emission Source/Control: S6F07 - Control
Control Type: FABRIC FILTER

Emission Source/Control: S6F08 - Control
Control Type: FABRIC FILTER

Emission Source/Control: S6F09 - Control
Control Type: FABRIC FILTER

Emission Source/Control: S6F10 - Control
Control Type: FABRIC FILTER

Emission Source/Control: S6F11 - Control
Control Type: FABRIC FILTER

Emission Source/Control: S6F12 - Control
Control Type: FABRIC FILTER

Emission Source/Control: S6FO4 - Control
Control Type: FABRIC FILTER

Emission Source/Control: S6FO5 - Control
Control Type: FABRIC FILTER

Emission Source/Control: BANK1 - Process

Emission Source/Control: BANK2 - Process

Emission Source/Control: BANK3 - Process

Emission Source/Control: BANK4 - Process

Item 96.4(From Mod 2):

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

Emission Unit: 2-BAY61

Process: B6S

Process Description:

This process consists of the chemical depainting of either partial or entire aircraft. Process B6S paint stripping shall be performed only in Hangar #6, which has been configured as both a spray booth and as a maintenance bay. Stripper shall ONLY be applied while the four filter bank fans are operating. Enough hangar doors shall be kept closed, or openings sealed as to ensure that make-up air is always moving, in a perceptible manner, INTO the hangar. Three-stage filters shall be installed, maintained and monitored. VOC and HAP emissions (emissions are



Emission Unit: 3-COMP1

Process: CMP

Process Description:

Process CMP consists of fiberglass/epoxy resin lay-up operations. Work shall be performed in booth (source) CMP01, which exhausts to emission point CMP01. Emissions are to be regulated by Part 212 and come from resins, not the fiberglass fraction. Products in use are epoxy resin/catalyst mix and "Prepreg", a type of chilled fiberglass cloth that has been pre-impregnated with epoxy resin/catalyst. Emission factors have a partial basis in NESHAP Subpart WWWW, which otherwise is not applicable to this facility. Emission factors have been conservatively negotiated between NYSDEC and Empire

Aero:

Resin/Catalyst Mix:

2.913 lbs VOC emitted per gallon of resin/cat mix used

2.913 lbs HAP emitted per gallon of resin/cat mix used

Prepreg:

1.048 lbs VOC emitted per square yard of pre-impregnated cloth used

1.048 lbs HAP emitted per square yard of pre-impregnated cloth used

Monthly usage records for both resin (gallons) and prepreg (square yards) are to be maintained.

Emission Source/Control: CMPF1 - Control

Control Type: FABRIC FILTER

Emission Source/Control: CMP01 - Process

