

New York State Department of Environmental Conservation
Facility DEC ID: 2630401443



PERMIT
Under the Environmental Conservation Law (ECL)

IDENTIFICATION INFORMATION

Permit Type: Air State Facility
Permit ID: 2-6304-01443/00001
Effective Date: 03/17/2003 Expiration Date: No expiration date

Permit Issued To: NYC TRANSIT AUTHORITY
370 JAY ST
BROOKLYN, NY 11201-3814

Contact: CHARLES B BURRUS
NYC TRANSIT OFFICE OF SYSTEM SAFETY
370 JAY ST RM 819
BROOKLYN, NY 11201
(718) 243-4581

Facility: GRAND AVE DEPOT AND CENTRAL MAINT FAC II
48-05 GRAND AVENUE
MASPETH, NY 11378

Description:

PERMIT DESCRIPTION
NYCT - GRAND AVE DEPOT AND CENTRAL MAINT. FACILITY
DEC ID# 2-6304-01443/00001

TYPE OF EQUIPMENT AND OPERATIONS AT THE FACILITY:

New York City Transit - Grand Ave Depot and Central Maint Facility is located at 48-05 Grand Avenue, Maspeth, N.Y. The site is 5.8 acres situated in an industrial zone and the facility would be two stories and approximately 550,000 square feet. The first floor would serve as a depot and the second floor would be a central maintenance facility. This facility would have the following equipment and operations at this location:

1. Two stationary combustion units (boilers) which would be used for heating most of the facility. Each boiler would be ducted through separate stacks. Each boiler would be rated at 25.1 mmBtu/hr and be capable of firing #2 fuel oil and natural gas.
2. There would be four paint spray booth used for painting buses.with each booth having two spray guns. All the booths vent through one stack having a fabric filter for control of particulate emissions and a regenerative thermal oxidizer for control of VOC emissions.
3. The following operations which emit air pollutants at the facility would be classified as exempt or trivial:

FINAL



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- a) Stationary or portable combustion installations (rated less than 10 mmBtu/hr)
- b) Emergency power generating units
- c) Distillate and residual fuel storage tanks with capacities < 300,000 bbls
- d) Storage tanks, with capacities < 10,000 gal
- e) Horizontal petroleum storage tanks
- f) Non-vapor phase cleaning equipment with an open surface area 11 sq ft.
- g) Exhaust systems for paint mixing, filling or sampling
- h) Exhaust systems for solvent transfer, filling or sampling

AIR PERMIT APPLICABILITY

The facility's emissions for NOx and VOC exceed the major source pollutant thresholds listed in 6NYCRR subpart 201-6. The facility is accepting a cap below major source thresholds, and is applying for a State Facility Permit.

OCCURRENCES OF CAPPING

Facility will be capping the amount of NOx and VOC to under 25 tons each. Fuel usage records will determine the NOx emissions and VOC emissions will be determined from monthly coating usage.

CONSENT ORDERS OR COMPLIANCE PLANS:

None.

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.

Permittee: JOHN F CRYAN

DIVISION OF ENVIRONMENTAL PERMITS
ONE HUNTERS POINT PLAZA, 47-40 21ST STREET
LONG ISLAND CITY, NY 11101-5407

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 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 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 and Modifications

Permit Modifications, Suspensions and Revocations by the Department

Facility Level

Submission of Applications for Permit Modification or Renewal-REGION 2

HEADQUARTERS



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

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

Item 1.1:

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

Item 1.2:

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

Item 1.3:

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

Condition 2: Relationship of this Permit to Other Department Orders and Determinations
Applicable State Requirement: ECL 3-0301.2(m)

Item 2.1:

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

Condition 3: Applications for Permit Renewals and Modifications
Applicable State Requirement: 6NYCRR 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



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transfer of ownership.

Condition 4: Permit Modifications, Suspensions and Revocations by the Department
Applicable State Requirement: 6NYCRR 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 commissioner, any provisions of the Environmental Conservation Law or regulations of the Department related to the permitted activity.

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

Condition 5: Submission of Applications for Permit Modification or Renewal-REGION 2 HEADQUARTERS
Applicable State Requirement: 6NYCRR 621.5(a)

Item 5.1:

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



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ARTICLE 19: AIR POLLUTION CONTROL - AIR STATE FACILITY PERMIT

IDENTIFICATION INFORMATION

Permit Issued To: NYC TRANSIT AUTHORITY

370 JAY ST

BROOKLYN, NY 11201-3814

Facility:

GRAND AVE DEPOT AND CENTRAL MAINT FAC II

48-05 GRAND AVENUE

MASPETH, NY 11378

Authorized Activity By Standard Industrial Classification Code:

4111 - LOCAL AND SUBURBAN TRANSIT



LIST OF CONDITIONS

FEDERALLY ENFORCEABLE CONDITIONS

Facility Level

- 15 40CFR 82, Subpart F: Recycling and Emissions Reduction
- 1 6NYCRR 201-7.2: Facility Permissible Emissions
- *2 6NYCRR 201-7.2: Compliance Demonstration
- *3 6NYCRR 201-7.2: Compliance Demonstration
- 4 6NYCRR 201-7.2(e): Compliance Demonstration
- 5 6NYCRR 202-1.2: Notification
- 6 6NYCRR 202-1.3(a): Acceptable procedures
- 7 6NYCRR 225-1.2(a)(2): Compliance Demonstration
- 8 6NYCRR 225-1.8: Compliance Demonstration
- 10 6NYCRR 228.1(a): Applicability and compliance
- 11 6NYCRR 228.5(a): Compliance Demonstration
- 9 6NYCRR 228.6(a): Prohibition of Sale or Specification
- 12 6NYCRR 228.10: Compliance Demonstration
- 13 40CFR 60.7(a), NSPS Subpart A: Date of construction notification -
If a COM is not used.
- 14 40CFR 60.48c(i), NSPS Subpart Dc: Compliance Demonstration

Emission Unit Level

- 16 6NYCRR 201-7.2: Emission Unit Permissible Emissions
- 17 6NYCRR 201-7.2: Process Permissible Emissions

EU=U-00001

- 18 40CFR 60.40c, NSPS Subpart Dc: Applicability of this Subpart to this
emission source
- 19 40CFR 60.42c(h), NSPS Subpart Dc: Exemption from the averaging period.
- 20 40CFR 60.48c(a), NSPS Subpart Dc: Compliance Demonstration
- 21 40CFR 60.48c(d), NSPS Subpart Dc: Compliance Demonstration

EU=U-00001,Proc=002

- 22 40CFR 60.48c(f)(1), NSPS Subpart Dc: Compliance Demonstration

EU=U-00001,EP=EX001

- 23 6NYCRR 227-1.3(a): Compliance Demonstration

EU=U-00001,EP=EX001,Proc=002

- 24 6NYCRR 227-1.3: Compliance Demonstration

EU=U-00001,EP=EX002

- 25 6NYCRR 227-1.3(a): Compliance Demonstration



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EU=U-00001,EP=EX002,Proc=002

26 6NYCRR 227-1.3: Compliance Demonstration

EU=U-00002

27 6NYCRR 228.2: Compliance Demonstration

28 6NYCRR 228.3(a): Volatile organic compound emission control requirements

29 6NYCRR 228.4: Compliance Demonstration

30 6NYCRR 228.5(b): method 24 40 CFR 60

31 6NYCRR 228.5(d): samples

32 6NYCRR 228.5(f): Control requirement

33 6NYCRR 228.8: Compliance Demonstration

EU=U-00002,EP=EX003

34 6NYCRR 228.3(d)(7): noncompliance reporting

STATE ONLY ENFORCEABLE CONDITIONS

Facility Level

35 ECL 19-0301: Contaminant List

36 6NYCRR 201-1.4: Unavoidable noncompliance and violations

37 6NYCRR 201-5: Emission Unit Definition

38 6NYCRR 211.2: Air pollution prohibited

39 6NYCRR 221.2: Asbestos containing surface coatings prohibited

Emission Unit Level

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

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

NOTE: * preceding the condition number indicates capping.

Permit Effective Date: 03/17/2003

Permit Expiration Date: No expiration date.



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 - 6NYCRR Part 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 - 6NYCRR Part 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 - 6NYCRR Part 200.7

Any person who owns or operates an air contamination

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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 - 6NYCRR Part 201-1.2

If an existing emission source was subject to the permitting requirements of 6NYCRR 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 - 6NYCRR Part 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



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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 - 6NYCRR Part 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 - 6NYCRR Part 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 Part 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 Part 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



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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 Part 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 6NYCRR Part 202-1.

Item K: Visible Emissions Limited - 6 NYCRR Part 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 - 6 NYCRR Part 215

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

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

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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 15: Recycling and Emissions Reduction

Effective between the dates of 03/17/2003 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 82, Subpart F

Item 15.1:

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

Condition 1: Facility Permissible Emissions

Effective between the dates of 03/17/2003 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 201-7.2

Item 1.1:

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

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

CAS No: 0NY210-00-0

PTE: 49,999 pounds per year

Name: OXIDES OF NITROGEN

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CAS No: 0NY998-00-0

PTE: 49,999 pounds per year

Name: VOC

Condition 2: Compliance Demonstration

Effective between the dates of 03/17/2003 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 201-7.2

Item 2.1:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

Item 2.2:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

THE TOTAL QUANTITY OF VOLATILE ORGANIC COMPOUNDS EMITTED AT THE FACILITY WILL BE LIMITED TO LESS THAN 25 TONS PER YEAR. EMISSIONS SHALL BE QUANTIFIED BY SUMMING THE MONTHLY COATING USAGE OF THE PAINT BOOTH AND FUEL USAGE DURING ANY CONSECUTIVE 12 MONTH PERIOD. EMISSION CALCULATIONS WILL BE CONDUCTED USING THE FORMULA:

$$(1-CE) \times [C(\text{VOC}) + CS(\text{VOC})] + D(0.0002) + G(5.5) + DE(0.011) < 49,999 \text{ LBS/YR VOC}$$

Where: CE = Control efficiency of VOC control on paint booth.

C = 12 month rolling total coating usage in gallons per year.

CS = 12 month rolling total of cleanup solution usage, excluding the amount collected as liquid for recycling or disposal, in gallons per year.

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D = 12 month rolling
total of distillate fuel oil fired in
boilers, in gallons per year.

G = 12 month rolling
total of natural gas fired in boilers, in
million cubic feet per year.

DE = 12 month rolling
total of diesel fuel used on emergency
generators, in gallons per year.

VOC = The quantity of
volatile organic compounds, in pounds,
per gallon of each coating or solvent,
excluding water and excluded
VOC.

ANNUAL USAGE OF ALL FUELS FIRED AND
COATINGS/SOLVENT USED SHALL BE COMPUTED
ON A 12 MONTH ROLLING AVERAGE BASIS.
RECORDS OF FUEL AND COATING SOLVENT USAGE
AND CALCULATED EMISSIONS SHALL BE
MAINTAINED IN A PERMANENTLY BOUND LOG FOR
A PERIOD OF FIVE YEARS. A COPY OF THE
RECORDS SHALL BE PROVIDED TO THE
DEPARTMENT ON AN ANNUAL BASIS TO CERTIFY
THAT THE FACILITY HAS OPERATED ALL
EMISSION UNITS IN COMPLIANCE WITH THE
FACILITY CAP.

Monitoring Frequency: MONTHLY

Reporting Requirements: ANNUALLY (ANNIVERSARY)

Initial Report Due: 04/15/2004 for the period 03/17/2003 through 03/16/2004

Condition 3: Compliance Demonstration
Effective between the dates of 03/17/2003 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 201-7.2

Item 3.1:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

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

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Item 3.2:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

THE TOTAL QUANTITY OF OXIDES OF NITROGEN (NOX) EMITTED AT THE FACILITY WILL BE LIMITED TO LESS THAN 25 TONS PER YEAR. EMISSIONS SHALL BE QUANTIFIED BY SUMMING THE MONTHLY FUEL USAGE DURING ANY CONSECUTIVE 12 MONTH PERIOD. EMISSION CALCULATIONS WILL BE CONDUCTED USING THE FOLLOWING FORMULA:

$$D(0.020) + G(0.0001) + DE(0.441) < 49,999 \text{ lbs/yr NOx}$$

Where: D = 12 month rolling total of distillate fuel oil fired in boilers, in gallons per year.

G = 12 month rolling total of natural gas fired in boilers, in cubic feet per year.

DE = 12 month rolling total of diesel fuel used on emergency generators, in gallons per year.

ANNUAL USAGE OF ALL FUELS FIRED SHALL BE COMPUTED ON A 12 MONTH ROLLING AVERAGE BASIS. RECORDS OF FUEL USAGE AND CALCULATED EMISSIONS SHALL BE MAINTAINED IN A PERMANENTLY BOUND LOG FOR A PERIOD OF FIVE YEARS. A COPY OF THE RECORDS SHALL BE PROVIDED TO THE DEPARTMENT ON AN ANNUAL BASIS TO CERTIFY THAT THE FACILITY HAS OPERATED ALL EMISSION UNITS IN COMPLIANCE WITH THE FACILITY CAP.



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Monitoring Frequency: MONTHLY

Reporting Requirements: ANNUALLY (ANNIVERSARY)

Initial Report Due: 04/15/2004 for the period 03/17/2003 through 03/16/2004

Condition 4: Compliance Demonstration
Effective between the dates of 03/17/2003 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 201-7.2(e)

Item 4.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 4.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

On an annual basis 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 within the limits imposed by the emissions cap. This certification shall include a brief summary of the emissions subject to the cap for that time period and a comparison to those threshold values that would require compliance with an applicable requirement.

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: ANNUALLY (ANNIVERSARY)

Initial Report Due: 04/15/2004 for the period 03/17/2003 through 03/16/2004

Condition 5: Notification
Effective between the dates of 03/17/2003 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 202-1.2

Item 5.1:

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 6: Acceptable procedures
Effective between the dates of 03/17/2003 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 202-1.3(a)

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Item 6.1:

Emission testing, sampling and analytical determinations to ascertain compliance with this Subchapter shall be conducted in accordance with test methods acceptable to the commissioner. The Reference Methods contained in part 60, appendix A and part 61, appendix B of title 40 of the Code of Federal Regulations and all future technical revisions, additions or corrections made thereto shall be considered as acceptable test methods for those sources and contaminants for which they are expressly applicable, except where the commissioner has issued a specific method to be used instead of a Reference Method contained in these Federal regulations or where the commissioner determines that one or more alternate methods are also acceptable. The person who owns or operates an air contamination source shall submit the emission test report in triplicate, to the commissioner within 60 days after the completion of tests. In the event such source owner/operator can demonstrate to the commissioner such time is not sufficient, he may request in writing and be granted an extension. Where an opacity emission standard is applicable to the source tested, the emission test report shall include the opacity observation.

Condition 7: Compliance Demonstration
Effective between the dates of 03/17/2003 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 225-1.2(a)(2)

Item 7.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 7.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

No person shall sell, offer for sale, purchase or use any distillate oil fuel which contains sulfur in a quantity exceeding 0.2 percent by weight. NYCT's fuel supplier will test for sulfur content and provide certification to NYCT. The facility must maintain the certification of the sulfur content of oil for at least three years.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: DISTILLATES - NUMBER 1 AND NUMBER 2 OIL

Parameter Monitored: SULFUR CONTENT

Upper Permit Limit: 0.2 percent by weight

Monitoring Frequency: PER DELIVERY

Averaging Method: MAXIMUM - NOT TO EXCEED STATED VALUE -
SEE MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2003.

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

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Condition 8: Compliance Demonstration
Effective between the dates of 03/17/2003 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 225-1.8

Item 8.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 8.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

An owner or operator of a facility which purchases and fires coal and/or oil shall submit reports to the commissioner containing fuel analysis data, information on the quantity of the fuel received, burned, and results of any stack sampling, stack monitoring and any other procedures to ensure compliance with the provisions of 6 NYCRR Part 225-1. All records shall be available for a minimum of three years.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2003.

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

Condition 10: Applicability and compliance
Effective between the dates of 03/17/2003 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 228.1(a)

Item 10.1:

Any owner or operator of a facility involving a coating line described in table 1 of 6NYCRR Part 228.7 or in table 2 of 6NYCRR Part 228.8 and which meets the current applicability criteria, must include with the application for a permit, the method or methods which will be used to comply with the requirements of 6NYCRR Part 228.

Condition 11: Compliance Demonstration
Effective between the dates of 03/17/2003 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 228.5(a)

Item 11.1:



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The Compliance Demonstration activity will be performed for the Facility.

Item 11.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Certification from the coating supplier/manufacturer which verifies the parameters used to determine the actual VOC content of the as applied coating, for each coating used at the facility, must be maintained and, upon request, be provided to the departments representative. In addition, purchase, usage and/or production records of the coating material, including solvents, must be maintained and, upon request, be submitted to the department. Records must be maintained at the facility for a period of five years.

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2003.

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

Condition 9: Prohibition of Sale or Specification
Effective between the dates of 03/17/2003 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 228.6(a)

Item 9.1:

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 of 6NYCRR Part 228 if such use is prohibited. This prohibition shall apply to all written or oral contracts under the terms of which any coating is to be applied to any part or product at an affected facility. This prohibition shall not apply to the following:

- (1) coatings utilized at surface coating lines where control equipment has been installed to meet the allowable VOC content limitations specified in tables 1 and 2 of Part 228.8 and 228.9;
- (2) coatings utilized at surface coating lines where a coating system is used which meets the requirements specified in Part 228.3(d); and
- (3) coatings utilized at surface coating lines that have been granted variances for reasons of technological and economic feasibility as per Part 228.3(e).

Condition 12: Compliance Demonstration
Effective between the dates of 03/17/2003 and Permit Expiration Date



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Applicable Federal Requirement: 6NYCRR 228.10

Item 12.1:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

Item 12.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

No owner or operator of a facility subject to 6NYCRR Part 228 shall:

- (a) use open containers to store or dispose of cloth or paper impregnated with VOC and/or solvents that are used for surface preparation, cleanup, or coating removal;
- (b) store in open containers spent or fresh VOC and/or solvents to be used for surface preparation, cleanup, or coating removal;
- (c) use VOC and/or solvents to cleanup spray equipment unless equipment is used to collect the cleaning compounds and to minimize their evaporation to the atmosphere;
- (d) 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; or
- (e) use open containers to store or dispose of spent surface coatings, spent VOCs and/or solvents.

The facility shall be inspected daily to determine if there are any open containers present. Open containers, if found, shall be covered.

Monitoring Frequency: DAILY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.



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The initial report is due 7/30/2003.
Subsequent reports are due every 6 calendar month(s).

**Condition 13: Date of construction notification - If a COM is not used.
Effective between the dates of 03/17/2003 and Permit Expiration Date**

Applicable Federal Requirement: 40CFR 60.7(a), NSPS Subpart A

Item 13.1:

Any owner or operator subject to this part shall furnish the Administrator with the following information:

- 1) a notification of the date construction or reconstruction commenced, post marked no later than 30 days after such date;
- 3) a notification of the actual date of initial start up, post marked within 15 days after such date;
- 4) a notification of any physical or operational change to an existing facility which may increase the emission rate of any air pollutant to which a standard applies, unless the change is specifically exempted under this part. The notice shall be post marked 60 days or as soon as practicable before the change is commenced and shall include information describing the precise nature of the change, present and proposed emission control systems, productive capability of the facility before and after the change, and the expected completion date of the change. The Administrator may request additional information regarding the change;
- 5) a notification of the date upon which the demonstration of continuous monitoring system performance commences, post marked not less than 30 days prior to such date;
- 6) a notification of the anticipated date for conducting the opacity observations, post marked not less than 30 days prior to such date.

**Condition 14: Compliance Demonstration
Effective between the dates of 03/17/2003 and Permit Expiration Date**

Applicable Federal Requirement: 40CFR 60.48c(i), NSPS Subpart Dc

Item 14.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 14.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

All records required under this section shall be maintained by the owner or operator of the affected facility for a period of two years following the date of

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such record.

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2003.
Subsequent reports are due every 6 calendar month(s).

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

Condition 16: Emission Unit Permissible Emissions
Effective between the dates of 03/17/2003 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 201-7.2

Item 16.1:

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

Emission Unit: U-00001

CAS No: 0NY210-00-0
Name: OXIDES OF NITROGEN
PTE(s): 7.07 pounds per hour
14,256 pounds per year

Emission Unit: U-00002

CAS No: 0NY998-00-0
Name: VOC
PTE(s): 8 pounds per hour
7,914 pounds per year

Condition 17: Process Permissible Emissions
Effective between the dates of 03/17/2003 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 201-7.2

Item 17.1:

The sum of emissions from the regulated process cited shall not exceed the following Potential to Emit (PTE) rates for each regulated contaminant:

Emission Unit: U-00001 Process: 001

CAS No: 0NY210-00-0



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Name: OXIDES OF NITROGEN

PTE(s): 5.02 pounds per hour
10,122 pounds per year

Emission Unit: U-00001 Process: 002

CAS No: 0NY210-00-0

Name: OXIDES OF NITROGEN

PTE(s): 7.07 pounds per hour
14,256 pounds per year

Emission Unit: U-00002 Process: 003

CAS No: 0NY998-00-0

Name: VOC

PTE(s): 8 pounds per hour
7,752 pounds per year

Emission Unit: U-00002 Process: 004

CAS No: 0NY998-00-0

Name: VOC

PTE(s): 0.4 pounds per hour
162 pounds per year

**Condition 18: Applicability of this Subpart to this emission source
Effective between the dates of 03/17/2003 and Permit Expiration Date**

Applicable Federal Requirement: 40CFR 60.40c, NSPS Subpart Dc

Item 18.1:

This Condition applies to Emission Unit: U-00001

Item 18.2:

This emission source is subject to the applicable General Provisions of 40 CFR 60 Subpart Dc. The facility owner is responsible for reviewing these general provisions in detail and complying with all applicable technical, administrative and reporting requirements.

**Condition 19: Exemption from the averaging period.
Effective between the dates of 03/17/2003 and Permit Expiration Date**

Applicable Federal Requirement: 40CFR 60.42c(h), NSPS Subpart Dc

Item 19.1:

This Condition applies to Emission Unit: U-00001

Item 19.2:



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Compliance with emission limits and/or fuel oil sulfur limitations shall be based on a certification from the fuel supplier as stated in paragraph 40 CFR 60-Dc.48c(f)(1), (2), or (3) as applicable.

Condition 20: Compliance Demonstration

Effective between the dates of 03/17/2003 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 60.48c(a), NSPS Subpart Dc

Item 20.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00001

Item 20.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner and operator of each affected facility shall submit notification of the date of construction or reconstruction, anticipated startup, and actual startup, as provided by 40 CFR 60.7 of this part. This notification shall include:

- (1) The design heat input capacity of the affected facility and identification of fuels to be combusted in the affected facility.
- (2) If applicable, a copy of any Federally enforceable requirement that limits the annual capacity factor for any fuel or mixture of fuels under 40 CFR 60.42c., or 40 CFR 60.43c.
- (3) The annual capacity factor at which the owner or operator anticipates operating the affected facility based on all fuels fired and based on each individual fuel fired.

Monitoring Frequency: SINGLE OCCURRENCE

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 21: Compliance Demonstration

Effective between the dates of 03/17/2003 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 60.48c(d), NSPS Subpart Dc

Item 21.1:



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The Compliance Demonstration activity will be performed for:

Emission Unit: U-00001

Regulated Contaminant(s):

CAS No: 007446-09-5 SULFUR DIOXIDE

Item 21.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of each affected facility subject to the SO₂ emission limits, fuel oil sulfur limits, or percent reduction requirements under §60.42c shall submit semi-annual reports to the Administrator.

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2003.

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

Condition 22: Compliance Demonstration

Effective between the dates of 03/17/2003 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 60.48c(f)(1), NSPS Subpart Dc

Item 22.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00001

Process: 002

Regulated Contaminant(s):

CAS No: 007446-09-5 SULFUR DIOXIDE

Item 22.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Fuel supplier certification shall include the following information for distillate oil:

- i) The name of the oil supplier, and
- ii) A statement from the oil supplier that the oil



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complies with the specifications under the definition of distillate oil in §60.41c. 60-Dc 41c defines distillate oil as fuel that complies with the specifications for fuel oil numbers 1 or 2, as defined by the American Society for Testing and Materials in ASTM D396-78, A standard Specification for Fuel Oils.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2003.

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

Condition 23: Compliance Demonstration
Effective between the dates of 03/17/2003 and Permit Expiration Date

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

Item 23.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00001 Emission Point: EX001

Item 23.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

No owner or operator of a combustion installation shall emit greater than 20 percent opacity except for one six minute period per hour, not to exceed 27 percent, based upon the six minute average in reference test method 9 in Appendix A of 40 CFR 60.

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2003.

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

Condition 24: Compliance Demonstration
Effective between the dates of 03/17/2003 and Permit Expiration Date



Applicable Federal Requirement: 6NYCRR 227-1.3

Item 24.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00001 Emission Point: EX001
Process: 002

Item 24.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Operators of oil-fired boilers which are not exempt from permitting and where a continuous opacity monitor is not utilized for measuring smoke emissions, shall be required to perform the following:

- 1) Observe the stack for each boiler which is operating on oil once per day for visible emissions. This observation(s) must be conducted during daylight hours except during adverse weather conditions (fog, rain, or snow).
- 2) The results of each observation must be recorded in a bound logbook or other format acceptable to the Department. The following data must be recorded for each stack:
 - date and time of day
 - observer's name
 - identity of emission point
 - weather condition
 - was a plume observed?

Inclement weather conditions shall be recorded for those days when observations are prohibited. This logbook must be retained at the facility for five (5) years after the date of the last entry.

- 3) If the operator observes any visible emissions (other than steam - see below) two consecutive days firing oil (the firing of other fuels in between days of firing oil does not count as an interruption in the consecutive days of firing oil), then a Method 9 analysis (based upon a 6-minute mean) of the affected emission point(s) must be conducted within two (2) business days of such occurrence. The results of the Method 9 analysis must be recorded in



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the logbook. The operator must contact the Regional Air Pollution Control Engineer within one (1) business day of performing the Method 9 analysis if the opacity standard is contravened. Upon notification, any corrective actions or future compliance schedules shall be presented to the Department for acceptance.

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

Monitoring Frequency: DAILY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2003.

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

Condition 25: Compliance Demonstration

Effective between the dates of 03/17/2003 and Permit Expiration Date

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

Item 25.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00001 Emission Point: EX002

Item 25.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

No owner or operator of a combustion installation shall emit greater than 20 percent opacity except for one six minute period per hour, not to exceed 27 percent, based upon the six minute average in reference test method 9 in Appendix A of 40 CFR 60.



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Parameter Monitored: OPACITY
Upper Permit Limit: 20 percent
Averaging Method: 6-MINUTE AVERAGE (METHOD 9)
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2003.
Subsequent reports are due every 6 calendar month(s).

Condition 26: Compliance Demonstration
Effective between the dates of 03/17/2003 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 227-1.3

Item 26.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00001 Emission Point: EX002
Process: 002

Item 26.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Operators of oil-fired boilers which are not exempt from permitting and where a continuous opacity monitor is not utilized for measuring smoke emissions, shall be required to perform the following:

- 1) Observe the stack for each boiler which is operating on oil once per day for visible emissions. This observation(s) must be conducted during daylight hours except during adverse weather conditions (fog, rain, or snow).
- 2) The results of each observation must be recorded in a bound logbook or other format acceptable to the Department. The following data must be recorded for each stack:
 - date and time of day
 - observer's name
 - identity of emission point
 - weather condition
 - was a plume observed?

Inclement weather conditions shall be recorded for those days when observations are prohibited. This logbook must

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be retained at the facility for five (5) years after the date of the last entry.

3) If the operator observes any visible emissions (other than steam - see below) two consecutive days firing oil (the firing of other fuels in between days of firing oil does not count as an interruption in the consecutive days of firing oil), then a Method 9 analysis (based upon a 6-minute mean) of the affected emission point(s) must be conducted within two (2) business days of such occurrence. The results of the Method 9 analysis must be recorded in the logbook. The operator must contact the Regional Air Pollution Control Engineer within one (1) business day of performing the Method 9 analysis if the opacity standard is contravened. Upon notification, any corrective actions or future compliance schedules shall be presented to the Department for acceptance.

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

Monitoring Frequency: DAILY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2003.

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

Condition 27: Compliance Demonstration

Effective between the dates of 03/17/2003 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 228.2

Item 27.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00002

Regulated Contaminant(s):

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CAS No: 0NY998-00-0 VOC

Item 27.2:

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, is calculated as follows:

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

Where:

(VOC)_a = VOC content of "as applied" coating, expressed as a mass of VOC in pounds, per gallon of coating, in gallons, minus water and exempt VOC

(Dc)_a = Coating density as applied, in pounds per gallon

(Wv)_a = The weight fraction of total volatiles in the coating, as applied

(Ww)_a = The weight fraction of water in the coating, as applied

(Vw)_a = The volume fraction of water in the coating, as applied

(We)_a = The weight fraction of exempt VOCs in the coating, as applied

(Ve)_a = The volume fraction of exempt VOCs in the coating, as applied

Reference Test Method: Method 24 (40CFR60)

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

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2003.

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

**Condition 28: Volatile organic compound emission control requirements
Effective between the dates of 03/17/2003 and Permit Expiration Date**



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Applicable Federal Requirement: 6NYCRR 228.3(a)

Item 28.1:

This Condition applies to Emission Unit: U-00002

Item 28.2:

No person shall cause or allow the usage of coatings that exceed the allowable pounds of volatile organic compounds per gallon, minus water and excluded VOC at application, as specified in table 1 and table 2 of Part 228, unless an approved coating system or approved control equipment is utilized or a variance has been granted.

In the absence of an approved coating system, approved control equipment or a variance, surface coating of only those materials specified in conditions of this permit citing Tables 1 and 2 in Sections 228.7 and 228.8 shall be allowed.

Condition 29: Compliance Demonstration

Effective between the dates of 03/17/2003 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 228.4

Item 29.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00002

Item 29.2:

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 percent or greater for any consecutive six-minute period from any emission source subject to 6NYCRR Part 228.

The Department reserves the right to perform or require the performance of a Method 9 opacity evaluation

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2003.



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

Condition 30: method 24 40 CFR 60
Effective between the dates of 03/17/2003 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 228.5(b)

Item 30.1:

This Condition applies to Emission Unit: U-00002

Item 30.2:

Acceptable analytical methods for determining the volatile content, water content, density, volume of solids and weight of solids of surface coatings are presented in appendix A, method 24, of 40 CFR 60.

Condition 31: samples
Effective between the dates of 03/17/2003 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 228.5(d)

Item 31.1:

This Condition applies to Emission Unit: U-00002

Item 31.2:

Representatives of the department shall be permitted, during reasonable business hours, to obtain coating samples for the purpose of determining compliance.

Condition 32: Control requirement
Effective between the dates of 03/17/2003 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 228.5(f)

Item 32.1:

This Condition applies to Emission Unit: U-00002

Item 32.2:

The owner or operator must follow notification requirements, protocol requirements and test procedures of 6NYCRR Part 202 for testing and monitoring. Depending upon the conditions at a test site, one of the following test methods from Appendix A of 40 CFR 60 must be used when measuring volatile organic compound (VOC) concentrations of a gas stream at the inlet and outlet of a control device to determine the destruction and/or removal efficiency:

- (a) Method 18, Measurement of Gaseous Organic Compound Emissions by Gas Chromatography,
- (b) Method 25, Determination of Total Gaseous Nonmethane Organic Emissions as Carbon,
- (c) Method 25A, Determination of Total Gaseous Organic Concentration Using a Flame Ionization Analyzer.

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(d) Methods not listed above must be approved in advance by the commissioner's representative and the United States Environmental Protection Agency.

Condition 33: Compliance Demonstration
Effective between the dates of 03/17/2003 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 228.8

Item 33.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00002

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

Item 33.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

Motor vehicle refinish coatings used for repair and/or touchups may contain a maximum of 6.2 pounds of volatile organic compounds per gallon of coating (minus water and excluded VOC) as applied.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: REPAIR/TOUCH-UP COATING - MOTOR VEHICLE REFINISHING

Parameter Monitored: VOC CONTENT

Upper Permit Limit: 6.2 pounds per gallon

Reference Test Method: Method 24 (40CFR60)

Monitoring Frequency: SINGLE OCCURRENCE

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

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2003.

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

Condition 34: noncompliance reporting
Effective between the dates of 03/17/2003 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 228.3(d)(7)

Item 34.1:



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Permit ID: 2-6304-01443/00001 Facility DEC ID: 2630401443

This Condition applies to Emission Unit: U-00002 Emission Point: EX003

Item 34.2:

Any record showing noncompliance with Part 228 shall be reported by sending a copy of the record to the commissioner's representative within 30 days following the occurrence.



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 - 6NYCRR Part 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

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law.

STATE ONLY APPLICABLE REQUIREMENTS

The following conditions are state only enforceable.

Condition 35: Contaminant List
Effective between the dates of 03/17/2003 and Permit Expiration Date

Applicable State Requirement: ECL 19-0301

Item 35.1:

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

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

CAS No: 007446-09-5
Name: SULFUR DIOXIDE

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

Condition 36: Unavoidable noncompliance and violations
Effective between the dates of 03/17/2003 and Permit Expiration Date

Applicable State Requirement: 6NYCRR 201-1.4

Item 36.1:

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



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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 superseded 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 37: Emission Unit Definition
Effective between the dates of 03/17/2003 and Permit Expiration Date

Applicable State Requirement: 6NYCRR 201-5

Item 37.1:

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

Emission Unit: U-00001

Emission Unit Description:

EMISSION UNIT CONSISTS OF TWO 25.1
MMBTU/HR HEATING BOILERS CAPABLE OF FIRING
NATURAL GAS AND NO.2 FUEL OIL. EACH BOILER
IS DUCTED THROUGH A SEPARATE STACK THAT
EXHAUSTS THROUGH A COMMON FLUE.

Building(s): A

Item 37.2:

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

New York State Department of Environmental Conservation

Permit ID: 2-6304-01443/00001

Facility DEC ID: 2630401443



Emission Unit: U-00002

Emission Unit Description:

PAINT BOOTHS USED TO PERFORM MAINTENANCE PAINTING OF NYCT BUSES. BOOTHS USE TWO SPRAY GUNS. EMISSIONS OF PARTICULATES FROM PAINTING OPERATIONS ARE CONTROLLED BY A FABRIC FILTER. EMISSIONS OF VOLATILE ORGANIC COMPOUNDS FROM PAINTING OPERATIONS ARE CONTROLLED BY A FABRIC FILTER. EMISSIONS OF VOLATILE ORGANIC COMPOUNDS FROM PAINTING OPERATIONS CONTROLLED BY A REGENERATIVE THERMAL OXIDIZER. COMBUSTION OPERATIONS ASSOCIATED WITH THE PAINT SPRAY BOOTHS ARE EXEMPT BASED UPON MAXIMUM HEAT INPUT TO UNITS.

Building(s): A

Condition 38: Air pollution prohibited
Effective between the dates of 03/17/2003 and Permit Expiration Date

Applicable State Requirement: 6NYCRR 211.2

Item 38.1:

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 39: Absbestos containing surface coatings prohibited
Effective between the dates of 03/17/2003 and Permit Expiration Date

Applicable State Requirement: 6NYCRR 221.2

Item 39.1:

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

**** Emission Unit Level ****

Condition 40: Emission Point Definition By Emission Unit
Effective between the dates of 03/17/2003 and Permit Expiration Date

Applicable State Requirement: 6NYCRR 201-5



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Item 40.1:

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

Emission Unit: U-00001

Emission Point: EX001

Height (ft.): 60 Diameter (in.): 24
NYTMN (km.): 4507.7 NYTME (km.): 591.1 Building: A

Emission Point: EX002

Height (ft.): 60 Diameter (in.): 24
NYTMN (km.): 4507.7 NYTME (km.): 591.1 Building: A

Item 40.2:

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

Emission Unit: U-00002

Emission Point: EX003

Height (ft.): 60 Diameter (in.): 48
NYTMN (km.): 4507.7 NYTME (km.): 591.1 Building: A

Condition 41: Process Definition By Emission Unit

Effective between the dates of 03/17/2003 and Permit Expiration Date

Applicable State Requirement: 6NYCRR 201-5

Item 41.1:

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

Emission Unit: U-00001

Process: 001

Source Classification Code: 1-02-006-02

Process Description:

THIS PROCESS CONSISTS OF THE OPERATION OF
THE TWO HEATING BOILERS FIRED BY NATURAL
GAS.

Emission Source/Control: B0001 - Combustion

Design Capacity: 25.1 million Btu per hour

Emission Source/Control: B0002 - Combustion

Design Capacity: 25.1 million Btu per hour

Item 41.2:

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



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Permit ID: 2-6304-01443/00001

Facility DEC ID: 2630401443

Emission Unit: U-00001

Process: 002

Source Classification Code: 1-02-005-02

Process Description:

THIS PROCESS CONSISTS OF THE OPERATION OF
THE TWO HEATING BOILERS FIRED BY NO. 2 FUEL
OIL.

Emission Source/Control: B0001 - Combustion

Design Capacity: 25.1 million Btu per hour

Emission Source/Control: B0002 - Combustion

Design Capacity: 25.1 million Btu per hour

Item 41.3:

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

Emission Unit: U-00002

Process: 003

Source Classification Code: 4-02-001-01

Process Description:

EXTERIOR COATING OF NYCT BUSES WITHIN
MAINTENANCE PAINT SPRAY BOOTH. COATINGS
USED IN BOOTH COMPLIANCE WITH 6 NYCRR PART
228 REQUIREMENTS.

Emission Source/Control: C0001 - Control

Control Type: THERMAL OXIDATION

Emission Source/Control: P0001 - Process

Item 41.4:

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

Emission Unit: U-00002

Process: 004

Process Description:

SPRAY GUNS USED TO APPLY PAINTS ARE
CLEANED USING A PAINT THINNER/SOLVENT.

Emission Source/Control: P0001 - Process