

# PERMIT Under the Environmental Conservation Law (ECL)

#### **IDENTIFICATION INFORMATION**

Permit Type: Air State Facility
Permit ID: 2-6308-00555/00001

Effective Date: 11/17/2003 Expiration Date: No expiration date

Permit Issued To: AMERICAN AIRLINES INC

4333 AMON CARTER BLVD

FORT WORTH, TX 76155

Contact: LUIGI PIERNO

AMERICAN AIRLINES INC
JFK INTERNATIONAL AIRPORT

JAMAICA, NY 11430 (718) 244-3361

Facility: AMERICAN AIRLINES INC

JFK INTERNATIONAL AIRPORT

JAMAICA, NY 11430

Description:

The American Airlines maintenance and operation facility is located at the John F. Kennedy (JFK) Airport in Queens, New York.

The facility operates combustion installation which consists of three boilers. These boilers combust natural gas and diesel fuel oil. Also, facility operates two refueling points, gasoline and diesel. They are used to fuel ground equipment at the airport. In addition, facility is proposing to install equipment which consist of a hot bonding process that will be used to repair jet engine nacelle components such as inlet cowlings with carbon fiber skins.

The applicant proposes to cap emissions of oxides of nitrogen (NOx) to below 25 tons per year and VOCs to below 25 tons per year. Records demonstrating compliance with these caps will be kept in accordance with the permit special conditions.

The facility is subject to the provisions of State Facility specified under 6NYCRR Part 201-7.2.

The Air State Facility permit contains listing of the applicable federal, state and compliance monitoring ents for the facility.



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 part of this permit.

Permit Administrator:	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.



# New York State Department of Environmental Conservation

2 ID: 2630800555

# LIST OF CONDITIONS

# DEC GENERAL CONDITIONS

#### **General Provisions**

Relationship of this Permit to Other Department Orders and Determinations Facility Inspection by the Department

Applications for Permit Renewals and Modifications

Permit Modifications, Suspensions and Revocations by the Department

### **Facility Level**

Submission of Applications for Permit Modification or Renewal-REGION 2 HEADQUARTERS



# New York State Department of Environmental Conservation

LID: 2630800555

### **DEC GENERAL CONDITIONS**

\*\*\*\* General Provisions \*\*\*\*

**GENERAL CONDITIONS - Apply to ALL Authorized Permits.** 

**Condition 1:** Relationship of this Permit to Other Department Orders and Determinations

**Applicable State Requirement:** ECL 3-0301.2(m)

#### Item 1.1:

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: Facility Inspection by the Department** 

**Applicable State Requirement: ECL 19-0305** 

#### Item 2.1:

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 2.2:

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 2.3:

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 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



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

**HEADOUARTERS** 

**Applicable State Requirement:** 6NYCRR 621.5(a)

#### Item 5.1:

Submission of applications for permit modification or renewal are to be submitted to:

tional Permit Administrator

Region 2 Headquarters
Division of Environmental Permits
1 Hunters Point Plaza, 4740 21st Street

land City, NY 11101-5407

(718) 482-4997



Permit Under the Environmental Conservation Law (ECL)

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

### **IDENTIFICATION INFORMATION**

Permit Issued To: AMERICAN AIRLINES INC 4333 AMON CARTER BLVD FORT WORTH, TX 76155

AMERICAN AIRLINES INC

JFK INTERNATIONAL AIRPORT JAMAICA, NY 11430

Authorized Activity By Standard Industrial Classification Code: 4512 - AIR TRANSPORTATION, SCHEDULED



# LIST OF CONDITIONS

#### CEABLE CONDITIONS

#### **Facility Level**

- 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: Compliance Demonstration
- \*5 6NYCRR 201-7.2: Compliance Demonstration
- 6 6NYCRR 201-7.2(e): Compliance Demonstration
- 7 6NYCRR 225-1.2(a)(2): Compliance Demonstration
- 8 6NYCRR 225-1.8: Compliance Demonstration

#### **Emission Unit Level**

#### EU=B-00001

9 40CFR 60.48c(a), NSPS Subpart Dc: Compliance Demonstration

#### EU=B-00001,Proc=NO2

- 10 40CFR 60.42c(d), NSPS Subpart Dc: Fuel Sulfur Limitation
- 11 40CFR 60.42c(h), NSPS Subpart Dc: Exemption from the averaging period.
- 12 40CFR 60.48c(f)(1), NSPS Subpart Dc: Compliance Demonstration

#### EU=B-00001,EP=00001

13 6NYCRR 227-1.3(a): Compliance Demonstration

### EU=G-00001

14 6NYCRR 230.2(b): Gasoline Tanks >= 250 Gallons Installed after

### 1/1/79 Required Stage 1 in NYCMA

- 15 6NYCRR 230.2(d)(1): Stage I and II requirements for tanks constructed, replaced, or substantially modified after June 27, 1987
- 16 6NYCRR 230.2(f): Requirements for gasoline transport vehicles delivering to Stage I controlled dispensing sites.
- 17 6NYCRR 230.2(g): Compliance Demonstration
- 18 6NYCRR 230.2(k): Compliance Demonstration
- 19 6NYCRR 230.2(k): Compliance Demonstration
- 20 6NYCRR 230.2(k): Compliance Demonstration
- 21 6NYCRR 230.2(k): Compliance Demonstration
- 22 6NYCRR 230.5(a): Compliance Demonstration

### EU=H-00001

- 23 6NYCRR 212.4(c): Compliance Demonstration
- 24 6NYCRR 212.6(a): Compliance Demonstration

#### STATE ONLY ENFORCEABLE CONDITIONS



### **Facility Level**

25 ECL 19-0301: Contaminant List

26 6NYCRR 201-1.4: Unavoidable noncompliance and violations

27 6NYCRR 201-5: Emission Unit Definition28 6NYCRR 211.2: Air pollution prohibited

#### **Emission Unit Level**

29 6NYCRR 201-5: Emission Point Definition By Emission Unit

30 6NYCRR 201-5: Process Definition By Emission Unit

NOTE: \* preceding the condition number indicates capping.

Permit Effective Date: 11/17/2003 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

#### 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

Air Pollution Control Permit Conditions Page 4 of 28 FINAL



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.

### y 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



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 livities - 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

Air Pollution Control Permit Conditions Page 6 of 28 FINAL



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

rol 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

Air Pollution Control Permit Conditions Page 7 of 28 FINAL

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 1: Facility Permissible Emissions** 

Effective between the dates of 11/17/2003 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: 49,800 pounds per year

Name: OXIDES OF NITROGEN

CAPTE: 49,800 pounds per year

Name: VOC

**Condition 2: Compliance Demonstration** 

Effective between the dates of 11/17/2003 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: 0NY210-00-0 OXIDES OF NITROGEN

#### Item 2.2:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: MONITORING OF PROCESS OR CONTROL

PARAMETERS AS SURROGATE

Monitoring Description:

NOx emissions from the facility are limited to below 25 tons per year by restricting the #2 fuel oil usage to 500,000 gallons/year.

Process Material: NUMBER 2 OIL

er Monitored: FUEL OIL #2

Upper Permit Limit: 500,000 gallons per year

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 3: Compliance Demonstration** 

Effective between the dates of 11/17/2003 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

### **Item 3.2:**

Compliance Demonstration shall include the following monitoring:

Capping: Yes

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

Monitoring Description:

NOx emissions from the facility are limited to below 25 tons per year by restricting the natural gas usage to

285,707,100 cubic feet per year.

Process Material: NATURAL GAS



Parameter Monitored: NATURAL GAS

Upper Permit Limit: 285,707,100 cubic feet per year

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 4: Compliance Demonstration** 

Effective between the dates of 11/17/2003 and Permit Expiration Date

#### **Applicable Federal Requirement:**

6NYCRR 201-7.2

**Item 4.1:** 

The Compliance Demonstration activity will be performed for the Facility.

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

Item 4.2:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

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

Monitoring Description:

Diesel fuel Dispensing Site located at the Exterior South East corner of our Leasehold at Hangar #10 and at the Westside of Building 56 (Terminal 9) is limited with an annual throughput of 624,000 gallons.

Process Material: DIESEL OIL

Parameter Monitored: DIESEL FUEL Upper Permit Limit: 624,000 gallons per year

ing Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 5:** Compliance Demonstration

Effective between the dates of 11/17/2003 and Permit Expiration Date

**Applicable Federal Requirement: 6NYCRR 201-7.2** 

Item 5.1:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

Air Pollution Control Permit Conditions Page 10 of 28 FINAL



#### Item 5.2:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: MONITORING OF PROCESS OR CONTROL

PARAMETERS AS SURROGATE

Monitoring Description:

Gasoline Dispensing Site located at the Exterior South East corner of our Leasehold at Hangar #10 and at the Westside of Building 56 (Terminal 9) is limited with an annual throughput of 624,000 gallons.

Process Material: GASOLINE

ter Monitored: GASOLINE

Upper Permit Limit: 624,000 gallons per year

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 6: Compliance Demonstration** 

Effective between the dates of 11/17/2003 and Permit Expiration Date

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

#### Item 6.1:

The Compliance Demonstration activity will be performed for the Facility.

#### Item 6.2:

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 certitication 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 (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2004.

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

Air Pollution Control Permit Conditions Page 11 of 28 FINAL



**Condition 7: Compliance Demonstration** 

Effective between the dates of 11/17/2003 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 will sell, offer for sale, purchase or use any distillate oil fuel which contains sulfur in a quantity exceeding the following limitation.

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 BE EXCEEDED AT ANY TIME (INSTANTANEOUS/DISCRETE OR GRAB)

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

### **Compliance Demonstration**

Effective between the dates of 11/17/2003 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:

Upon request the owner or operator of a facility which purchases and fires coal or oil shall submit reports to the commissioner containing a fuel analysis, 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

Air Pollution Control Permit Conditions Page 12 of 28 FINAL



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: UPON REQUEST BY REGULATORY AGENCY

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

**Condition 9: Compliance Demonstration** 

Effective between the dates of 11/17/2003 and Permit Expiration Date

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

#### Item 9.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: B-00001

#### Item 9.2:

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.

: SINGLE OCCURRENCE



Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 10:** Fuel Sulfur Limitation

Effective between the dates of 11/17/2003 and Permit Expiration Date

**Applicable Federal Requirement:** 

40CFR 60.42c(d), NSPS Subpart Dc

Item 10.1:

This Condition applies to Emission Unit: B-00001

Process: NO2

Item 10.2:

The permittee shall not fire fuel oil which exceeds 0.50 percent sulfur by weight.

mption from the averaging period.

Effective between the dates of 11/17/2003 and Permit Expiration Date

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

Item 11.1:

ThiEmission Unit: B-00001

Process: NO2

Item 11.2:

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 12: Compliance Demonstration** 

Effective between the dates of 11/17/2003 and Permit Expiration Date

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

Item 12.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: B-00001

Process: NO2

Regulated Contaminant(s):

CAS No: 007446-09-5 SULFUR DIOXIDE

Item 12.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Fuel supplier certification shall include the following

Air Pollution Control Permit Conditions Page 14 of 28 FINAL



information for distillate oil:

i) The name of the oil supplier, and

ii) A statement from the oil supplier that the oil 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: UPON REQUEST BY REGULATORY AGENCY

**Condition 13: Compliance Demonstration** 

Effective between the dates of 11/17/2003 and Permit Expiration Date

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

#### Item 13.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: B-00001 Emission Point: 00001

#### Item 13.2:

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

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 14: Gasoline Tanks >= 250 Gallons Installed after 1/1/79

Required Stage 1 in NYCMA

Air Pollution Control Permit Conditions Page 15 of 28 FINAL

#### Effective between the dates of 11/17/2003 and Permit Expiration Date

#### **Applicable Federal Requirement:**

6NYCRR 230.2(b)

Item 14.1:

This Condition applies to Emission Unit: G-00001

Item 14.2:

Gasoline tanks greater than or equal to 250 gallons and installed after January 1, 1979 are required to install Stage I vapor collection systems in NYCMA.

Condition 15: Stage I and II requirements for tanks constructed,

replaced, or substantially modified after June 27, 1987

Effective between the dates of 11/17/2003 and Permit Expiration Date

**Applicable Federal Requirement: 6NYCRR 230.2(d)(1)** 

Item 15.1:

ondition applies to

Emission Unit: G-00001

#### Item 15.2:

Stage I and Stage II vapor collection systems are required at any gasoline dispensing site located in the New York City Metropolitan Area which is constructed, replaced, or substantially modified after June 27, 1987, regardless of the annual gasoline throughput at the site.

This requirement does not apply for gasoline tanks with a capacity less than 550 gallons which are used exclusively for farm tractors used for agricultural purposes or for snowplowing.

Condition 16: Requirements for gasoline transport vehicles delivering to

Stage I controlled dispensing sites.

Effective between the dates of 11/17/2003 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 230.2(f)

Item 16.1:

ondition applies to

Emission Unit: G-00001

#### Item 16.2:

Owners and/or operators of gasoline transport vehicles and gasoline dispensing sites subject to stage I vapor collection or vapor control requirements must:

- $1.\ install\ all\ necessary\ stage\ I\ vapor\ collection\ and\ control\ systems,\ and\ make\ any\ modifications\ necessary\ to\ comply\ with\ the\ requirements;$
- 2. provide adequate training and written instructions to the operator of the affected gasoline transport vehicle;



- 3. replace, repair, or modify any worn or ineffective component or design element to ensure the vaportight integrity of the stage I vapor collection and vapor control systems;
- 4. connect and ensure proper operation of the stage I vapor collection and control systems whenever gasoline is being loaded, unloaded or dispensed; and
- 5. connect the Stage I vapor collection hose before connecting the gasoline delivery hose to the gasoline transport vehicle, and disconnect the gasoline delivery hose before disconnecting the Stage I vapor collection hose from the gasoline transport vehicle.

**Condition 17: Compliance Demonstration** 

Effective between the dates of 11/17/2003 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 230.2(g)

#### Item 17.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: G-00001

#### Item 17.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES Monitoring Description:

Daily visual inspections of components of stage II vapor collection systems must be performed to ensure the integrity and efficiency of the system. Dispensers with defective stage II components must be removed from service, locked and sealed to prevent vapor loss from operational dispensers until approved replacement parts are installed. A log will be kept recording the results of the inspections. The following information will be recorded at a minimum:

1. Date of the inspection

- 2. Person performing the inspection
  - 3. Whether any deficiencies were observed and the nature of those deficiencies
  - 4. Corrective action taken if any

Monitoring Frequency: DAILY

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

#### **Compliance Demonstration**

Effective between the dates of 11/17/2003 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 230.2(k)

Air Pollution Control Permit Conditions Page 17 of 28 FINAL



#### Item 18.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: G-00001

#### Item 18.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

Owners and/or operators of stage II systems must perform dynamic pressure tests at 5 year intervals after commencing operations. The back pressure during the dynamic back pressure tests must not exceed 0.45 inches of water column gauge at a flow rate of 60 cubic feet per hour.

ter Monitored: PRESSURE

Upper Permit Limit: 0.45 inches of water

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING

DESCRIPTION

Averaging Method: MAXIMUM - NOT TO EXCEED STATED VALUE -

SEE MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 19: Compliance Demonstration** 

Effective between the dates of 11/17/2003 and Permit Expiration Date

# **Applicable Federal Requirement:**

6NYCRR 230.2(k)

#### Item 19.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: G-00001

#### Item 19.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

Owners and/or operators of stage II systems must perform dynamic pressure tests at 5 year intervals after commencing operations. The back pressure during the dynamic back pressure tests must not exceed 0.95 inches of

> Air Pollution Control Permit Conditions Page 18 of 28 FINAL



water column gauge at a flow rate of 100 cubic feet per hour.

Parameter Monitored: PRESSURE Upper Permit Limit: 0.95 inches of water

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING

DESCRIPTION

Averaging Method: MAXIMUM - NOT TO EXCEED STATED VALUE -

EE MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 20:** Compliance Demonstration

Effective between the dates of 11/17/2003 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 230.2(k)

Item 20.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: G-00001

Item 20.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Owners and/or operators of stage II systems must perform leak tests at 5 year intervals after commencing operations. The pressure in gasoline storage tanks must not fall below the values in Table 1 of Part 230.2(k)(2)(iii) after 5 minutes from an initial pressure of 10.0 inches of water column during a leak test.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD - SEE MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 21: Compliance Demonstration** 

Effective between the dates of 11/17/2003 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 230.2(k)

Item 21.1:

The Compliance Demonstration activity will be performed for:



Emission Unit: G-00001

#### Item 21.2:

Compliance Demonstration shall include the following monitoring:

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

### Monitoring Description:

Owners and/or operators of stage II systems must perform liquid blockage tests at 5 year intervals after commencing operations. The back pressure during the liquid blockage tests must not exceed 0.03 inches of water column gauge above the dynamic back pressure test results for the system for flow rates of 60 and 100 cubic feet per hour.

Parameter Monitored: PRESSURE Upper Permit Limit: 0.03 inches of water

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING

**DESCRIPTION** 

Averaging Method: MAXIMUM - NOT TO EXCEED STATED VALUE -

SEE MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

#### **Compliance Demonstration**

Effective between the dates of 11/17/2003 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 230.5(a)

#### Item 22.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: G-00001

Regulated Contaminant(s):

CAS No: 008006-61-9 GASOLINE

#### Item 22.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES Monitoring Description:

The owner or operator of any gasoline dispensing site must maintain records showing the quantity of all gasoline delivered to the site. These records must be retained at the gasoline dispensing site for at least two years, and must be made readily available to the commissioner or the commissioner's representative at any reasonable time.

Air Pollution Control Permit Conditions Page 20 of 28 FINAL



Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 23: Compliance Demonstration** 

Effective between the dates of 11/17/2003 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 212.4(c)

Item 23.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: H-00001

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 23.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING Monitoring Description:

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

Parameter Monitored: PARTICULATES Upper Permit Limit: 0.050 grains per dscf

'est Method: EPA Method 5

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 24: Compliance Demonstration** 

Effective between the dates of 11/17/2003 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 212.6(a)

Item 24.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: H-00001



Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

#### Item 24.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

No person shall cause or allow emissions having an average opacity during any six consecutive minutes of 20 percent or greater from any process emission source, except only the emission of uncombined water. Compliance with this requirement shall be determined by the facility owner/operator conducting a visible emissions observation of all emission points once per day, during daylight hours, except during conditions of extreme weather (fog, snow, rain). If any visible emissions are identified, corrective action is required as per the attached

maintenance procedures.

Daily records of observations are to be maintained, including explanations for days when weather conditions are prohibitive, on-site for a period of five years.

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 Reference Test Method: Method 9

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING

DESCRIPTION

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

#### 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

Air Pollution Control Permit Conditions Page 23 of 28 FINAL



law.

#### STATE ONLY APPLICABLE REQUIREMENTS

The following conditions are state only enforceable.

**Condition 25:** Contaminant List

Effective between the dates of 11/17/2003 and Permit Expiration Date

**Applicable State Requirement:** ECL 19-0301

#### Item 25.1:

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

CAS No: 008006-61-9

Name: GASOLINE

CAS No: 0NY210-00-0

Name: OXIDES OF NITROGEN

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

CAS No: 007446-09-5

Name: SULFUR DIOXIDE

CAS No: 0NY998-00-0

Name: VOC

Condition 26: Unavoidable noncompliance and violations

Effective between the dates of 11/17/2003 and Permit Expiration Date

# **Applicable State Requirement:**

6NYCRR 201-1.4

Item 26.1:

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.

### **Emission Unit Definition**

Effective between the dates of 11/17/2003 and Permit Expiration Date

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

#### Item 27.1:

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

Emission Unit: B-00001 Emission Unit Description:

TWO (2) 16 MMBTU/HR AND ONE (1) 20

S ARE VENTED THROUGH ONE

STACK IN HANGER 10. BOILERS BURN #2 FUEL OIL AND NATURAL GAS.

Air Pollution Control Permit Conditions Page 25 of 28 FINAL



#### Item 27.2:

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

Emission Unit: G-00001 Emission Unit Description:

TWO REFUELING POINTS (GASOLINE AND DIESEL) ARE LOCATED AT THE EXTERIOR SOUTH EAST

#### **SEHOLD AT HANGAR #10 AND**

AT THE WESTSIDE OF BUILDING #56 (TERMINAL 9) USED TO FUEL GROUND EQUIPMENT AT THE AIRPORT.

#### Item 27.3:

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

Emission Unit: H-00001 Emission Unit Description:

#### USED FOR THE HOT BONDING

PROCESS TO REPAIR JET ENGINES NACELLE COMPONENTS SUCH AS INLET COWLINGS WITH CARBON FIBER SKINS.

### Air pollution prohibited

Effective between the dates of 11/17/2003 and Permit Expiration Date

**Applicable State Requirement:** 6NYCRR 211.2

#### Item 28.1:

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

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

#### **Point Definition By Emission Unit**

Effective between the dates of 11/17/2003 and Permit Expiration Date

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

#### Item 29.1:

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

Emission Unit: B-00001

Air Pollution Control Permit Conditions Page 26 of 28 FINAL



Emission Point: 00001

Height (ft.): 98 Length (in.): 36 Width (in.): 48 NYTMN (km.): 4498.4 NYTME (km.): 604.6 Building: H010

**Condition 30:** Process Definition By Emission Unit

Effective between the dates of 11/17/2003 and Permit Expiration Date

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

Item 30.1:

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

Emission Unit: B-00001

Process: NGF Source Classification Code: 1-03-006-02

Process Description: BURNING OF NATURAL GAS.

Emission Source/Control: BOIL1 - Combustion Design Capacity: 16 million Btu per hour

Emission Source/Control: BOIL2 - Combustion

Design Capacity: 16 million Btu per hour

Emission Source/Control: BOIL3 - Combustion Design Capacity: 20 million Btu per hour

Item 30.2:

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

Emission Unit: B-00001

Process: NO2 Source Classification Code: 1-03-005-02

Process Description: BURNING OF #2 FUEL OIL.

Emission Source/Control: BOIL1 - Combustion Design Capacity: 16 million Btu per hour

Emission Source/Control: BOIL2 - Combustion

Design Capacity: 16 million Btu per hour

Emission Source/Control: BOIL3 - Combustion Design Capacity: 20 million Btu per hour

Item 30.3:

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

Emission Unit: G-00001

Process: DIE Source Classification Code: 4-03-999-99

Air Pollution Control Permit Conditions Page 27 of 28 FINAL



Process Description:

Diesel refueling points outside Hangar 10 and Building 56.

Emission Source/Control: DIESE - Process

Emission Source/Control: GASOL - Process

Item 30.4:

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

Emission Unit: G-00001

Process: GAS Source Classification Code: 4-03-999-99

Process Description:

Gasoline refueling points outside Hangar 10 and Building

56.

Emission Source/Control: DIESE - Process

Emission Source/Control: GASOL - Process

Item 30.5:

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

Emission Unit: H-00001

Process: PAI Source Classification Code: 4-02-001-01 Process Description: PAINT BOOTH USED FOR THE HOT BONDING PROCESS.

Emission Source/Control: PAINT - Process