New York State Department of Environmental Conservation
Facility DEC ID: 9146400256

PERMIT
Under the Environmental Conservation Law (ECL)

IDENTIFICATION INFORMATION

Permit Type: Air State Facility
Permit ID: 9-1464-00256/00001
Effective Date: 04/27/2004 Expiration Date: No expiration date

Permit Issued To: GIBRALTAR STEEL CORPORATION
2555 WALDEN AVE
CHEEKTOWAGA, NY 14225-4737

Contact: LANCE LILLIAN
GIBRALTAR STEEL CORP
2555 WALDEN AVENUE
BUFFALO, NY 14225
(716) 684-1020

Facility: GIBRALTAR STEEL CORP METAL DIVISION
1050 MILITARY RD
TONAWANDA, NY 14217

DAN SCHRANTZ
GIBRALTAR STEEL CORP
2555 WALDEN AVE
BUFFALO, NY 14225
(716) 684-1020

Description:

The Gibraltar Metals Division facility located on Military Road in the Town of Tonawanda encompasses approximately 150,000 square feet and is engaged in the slitting, cold reducing tempering and, in certain cases, the annealing of cold-rolled steel coils to pre-specified dimensions for use as industrial stock. The facility is organized into the two following emission units for purposes of this permit.

U-ANNL1 - This emission unit consists of up to six annealing furnaces in operation at any time. The furnace chambers are vented at the end of each cycle to discharge hydrogen or nitrogen (blanketing gas) and a small quantity of particulates from the oxidation of oil on the rolls. Hydrogen and nitrogen emissions are a trivial source under 6NYCRR Part 201-3.3(c)(94), the particulate emissions are regulated emissions.

U-MILL1 - This emission unit consists of the reversing (rolling) mill process system and its dedicated exhaust system. The steel rolling process generates emissions from the dispersion/oxidation of cooling oils and the use of VOC based mineral spirits for cleaning purposes within the process. A membrane based coolant filtration system is also part of this process and its emissions are a trivial source under 6NYCRR Part 201-3.3(c)(90).

The actual volatile organic compound (VOC) emissions are greater than the cap-by-rule applicability thresholds for VOC emissions of 25 tons per year. The actual VOC emissions and potential emissions for all contaminants are, however, less than the major facility thresholds found in 6 NYCRR Part 201-2.1(b)(21) necessitating the issuance of this Air State Facility permit.

The facility is subject to the particulate emission and opacity standards of 6 NYCRR Part 212.4(c) and 212.6(a).

By acceptance of this permit, the permittee agrees that the permit is contingent upon strict compliance with the ECL, all applicable regulations, the General Conditions specified and any Special Conditions included as part of this permit.

Permit Administrator: DAVID S DENK
DIVISION OF ENVIRONMENTAL PERMITS
270 MICHIGAN AVE
BUFFALO, NY 14203-2999

Authorized Signature: _____ Date: ___ / ___ / _____

New York State Department of Environmental Conservation
Facility DEC ID: 9146400256

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
Facility DEC ID: 9146400256

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
No regulated activity without Dept approval
Submission of Applications for Permit Modification or Renewal -REGION 9 HEADQUARTERS

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

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

Item 1.1:
The permitted site or facility, including relevant records, is subject to inspection at reasonable hours and intervals by an authorized representative of the Department of Environmental Conservation (the Department) to determine whether the permittee is complying with this permit and the ECL. Such representative may order the work suspended pursuant to ECL 71-0301 and SAPA 401(3).

Item 1.2:
The permittee shall provide a person to accompany the Department's representative during an inspection to the permit area when requested by the Department.

Item 1.3:
A copy of this permit, including all referenced maps, drawings and special conditions, must be available for inspection by the Department at all times at the project site or facility. Failure to produce a copy of the permit upon request by a Department representative is a violation of this permit.

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

Item 2.1:
Unless expressly provided for by the Department, issuance of this permit does not modify, supersede or rescind any order or determination previously issued by the Department or any of the terms, conditions or requirements contained in such order or determination.

Condition 3: Applications for Permit Renewals 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: No regulated activity without Dept approval
Applicable State Requirement: ECL 3-0301.2(m)

Item 5.1:
No regulated activity, including any construction activities or other physical alteration of the site as authorized by this permit, can commence prior to the permitee's receipt of written notice from the Department stating that the outstanding violations of the Environmental Conservation Law (ECL) at this site have been resolved to the Department's satisfaction.

Condition 6: Submission of Applications for Permit Modification or Renewal -REGION 9 HEADQUARTERS
Applicable State Requirement: 6NYCRR 621.5(a)

Item 6.1:
Submission of applications for permit modification or renewal are to be submitted to:

NYSDEC Regional Permit Administrator
Region 9 Headquarters
Division of Environmental Permits
270 Michigan Avenue
Buffalo, NY 14203-2999
(716) 851-7165

New York State Department of Environmental Conservation
Permit ID: 9-1464-00256/00001 Facility DEC ID: 9146400256

Permit Under the Environmental Conservation Law (ECL)

ARTICLE 19: AIR POLLUTION CONTROL - AIR STATE FACILITY PERMIT

IDENTIFICATION INFORMATION

Permit Issued To: GIBRALTAR STEEL CORPORATION
2555 WALDEN AVE
CHEEKTOWAGA, NY 14225-4737

Facility: GIBRALTAR STEEL CORP METAL DIVISION
1050 MILITARY RD
TONAWANDA, NY 14217

Authorized Activity By Standard Industrial Classification Code:
3316 - COLD FINISHING OF STEEL SHAPES
3499 - FABRICATED METAL PRODUCTS, NEC
4213 - TRUCKING, EXCEPT LOCAL

LIST OF CONDITIONS

FEDERALLY ENFORCEABLE CONDITIONS
Facility Level
1 6NYCRR 212.4(c): Compliance Demonstration
2 6NYCRR 212.6(a): Compliance Demonstration

STATE ONLY ENFORCEABLE CONDITIONS
Facility Level
3 ECL 19-0301: Contaminant List
4 6NYCRR 201-1.4: Unavoidable noncompliance and violations
5 6NYCRR 201-5: Emission Unit Definition
6 6NYCRR 211.2: Air pollution prohibited
Emission Unit Level
7 6NYCRR 201-5: Emission Point Definition By Emission Unit
8 6NYCRR 201-5: Process Definition By Emission Unit
4225 - GENERAL WAREHOUSING & STORAGE
5051 - METALS SERV CENTERS & OFFICES

Permit Effective Date: 04/27/2004 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

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

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

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

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: **Compliance Demonstration**
Effective between the dates of 04/27/2004 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 212.4(c)

Item 1.1:
The Compliance Demonstration activity will be performed for the Facility.

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

Item 1.2:
Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
This facility is subject to the 6NYCRR Part 212.4(c) particulate limit of 0.05 grains per dry standard cubic foot of exhaust gas. Gibraltar Steel must follow the facility's standard operating procedures and the manufacturer's recommended maintenance procedures for the

mist eliminator (emission source/control identifier 00101B) to ensure compliance with the particulate emission standard. Periodic visible emissions observations of all particulate-emitting emission points will occur during daylight hours, with the results recorded and retained for a minimum of two years. If any visible emissions are identified, corrective action is required. The records will be made available to Department representatives during normal business hours.

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

Condition 2: Compliance Demonstration
Effective between the dates of 04/27/2004 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 212.6(a)

Item 2.1:
The Compliance Demonstration activity will be performed for the Facility.

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

Item 2.2:
Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
This facility is subject to the 6NYCRR Part 212.6(a) opacity standard. Gibraltar Steel shall not 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. The Department reserves the right to perform or require the performance of a Method 9 opacity evaluation at any time during facility operation.

Gibraltar Steel will conduct periodic visible emissions observations of all particulate-emitting emission points while the associated processes are in operation. Gibraltar Steel will immediately investigate any instance where there is cause to believe that visible emissions above those that are normal and in compliance are occurring or have occurred from a process source.

If visible emissions above those that are normal and in compliance with Section 212.6(a) are detected, Gibraltar Steel shall determine the cause, make the necessary correction, and verify that the excess visible emissions problem has been corrected.

If visible emissions above those that are normal and in compliance continue to be present after corrections are made, Gibraltar Steel will immediately notify the Department and conduct a Method 9 assessment within 24 hours to determine the degree of opacity.

Records of these observations, investigations and corrective actions will be kept on-site for a minimum of two years in a format acceptable to the Department. The records will be made available to Department

representatives during normal business hours.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
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

law.

STATE ONLY APPLICABLE REQUIREMENTS

The following conditions are state only enforceable.

Condition 3: Contaminant List
Effective between the dates of 04/27/2004 and Permit Expiration Date

Applicable State Requirement: ECL 19-0301

Item 3.1:
Emissions of the following contaminants are subject to contaminant specific requirements in this permit(emission limits, control requirements or compliance monitoring conditions).

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

Condition 4: Unavoidable noncompliance and violations
Effective between the dates of 04/27/2004 and Permit Expiration Date

Applicable State Requirement: 6NYCRR 201-1.4

Item 4.1:
At the discretion of the commissioner a violation of any applicable emission standard for necessary scheduled equipment maintenance, start-up/shutdown conditions and malfunctions or upsets may be excused if such violations are unavoidable. The following actions and recordkeeping and reporting requirements must be adhered to in such circumstances.

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

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

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

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

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

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

Condition 5: Emission Unit Definition
Effective between the dates of 04/27/2004 and Permit Expiration Date

Applicable State Requirement: 6NYCRR 201-5

Item 5.1:
The facility is authorized to perform regulated processes under this permit for:
Emission Unit: U-ANNL1
Emission Unit Description:
This emission unit consists of up to six annealing furnaces in operation at any time. The furnace chambers are vented at the end of each cycle to discharge hydrogen or nitrogen (blanketing gas) and a small quantity of particulates from the oxidation of oil on the rolls. Hydrogen and nitrogen emissions are a trivial source under 6NYCRR Part 201-3.3(c)(94), the particulate emissions are regulated emissions.

Building(s): MAIN PLANT

Item 5.2:
The facility is authorized to perform regulated processes under this permit for:
Emission Unit: U-MILL1
Emission Unit Description:
This emission unit consists of the reversing (rolling)

mill process system and its dedicated exhaust system. The steel rolling process generates emissions from the dispersion/oxidation of cooling oils and the use of VOC based mineral spirits for cleaning purposes within the process. A membrane based coolant filtration system is also part of this process and its emissions fall under 6NYCRR Part 201-3.3(c)(90).

Building(s): MAIN PLANT

Condition 6: Air pollution prohibited
Effective between the dates of 04/27/2004 and Permit Expiration Date

Applicable State Requirement: 6NYCRR 211.2

Item 6.1:
No person shall cause or allow emissions of air contaminants to the outdoor atmosphere of such quantity, characteristic or duration which are injurious to human, plant or animal life or to property, or which unreasonably interfere with the comfortable enjoyment of life or property. Notwithstanding the existence of specific air quality standards or emission limits, this prohibition applies, but is not limited to, any particulate, fume, gas, mist, odor, smoke, vapor, pollen, toxic or deleterious emission, either alone or in combination with others.

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

Condition 7: Emission Point Definition By Emission Unit
Effective between the dates of 04/27/2004 and Permit Expiration Date

Applicable State Requirement: 6NYCRR 201-5

Item 7.1:
The following emission points are included in this permit for the cited Emission Unit:

Emission Unit: U-ANNL1

Emission Point: 00102
Height (ft.): 37 Diameter (in.): 3
NYTMN (km.): 4764.1 NYTME (km.): 183. Building: MAIN PLANT

Emission Point: 00103
Height (ft.): 37 Diameter (in.): 3
NYTMN (km.): 4764.1 NYTME (km.): 183. Building: MAIN PLANT

Emission Point: 00104
Height (ft.): 37 Diameter (in.): 3

NYTMN (km.): 4764.1 NYTME (km.): 183. Building: MAIN PLANT

Emission Point: 00105
Height (ft.): 37 Diameter (in.): 3
NYTMN (km.): 4764.1 NYTME (km.): 183. Building: MAIN PLANT

Emission Point: 00106
Height (ft.): 37 Diameter (in.): 3
NYTMN (km.): 4764.1 NYTME (km.): 183. Building: MAIN PLANT

Emission Point: 00107
Height (ft.): 37 Diameter (in.): 3
NYTMN (km.): 4764.1 NYTME (km.): 183. Building: MAIN PLANT

Emission Point: 00108
Height (ft.): 37 Diameter (in.): 2
NYTMN (km.): 4764.1 NYTME (km.): 183. Building: MAIN PLANT

Emission Point: 00109
Height (ft.): 37 Diameter (in.): 2
NYTMN (km.): 4764.1 NYTME (km.): 183. Building: MAIN PLANT

Item 7.2:
The following emission points are included in this permit for the cited Emission Unit:

Emission Unit: U-MILL1

Emission Point: 00101
Height (ft.): 38 Diameter (in.): 30
NYTMN (km.): 4764.1 NYTME (km.): 183. Building: MAIN PLANT

Condition 8: Process Definition By Emission Unit
Effective between the dates of 04/27/2004 and Permit Expiration Date

Applicable State Requirement: 6NYCRR 201-5

Item 8.1:
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: U-ANNL1
Process: ANN Source Classification Code: 3-03-009-34
Process Description:
The annealing furnaces relieve stress induced by the milling process in an oxygen-free atmosphere. Nitrogen and hydrogen gas are pumped into the chambers to displace oxygen during annealing and released at the completion of the cycle along with a small amount of particulates

generated from the oxidation of a residual oil film left on the rolls from rolling or cutting operations.

Emission Source/Control: 00102 - Process

Emission Source/Control: 00103 - Process

Emission Source/Control: 00104 - Process

Emission Source/Control: 00105 - Process

Emission Source/Control: 00106 - Process

Emission Source/Control: 00107 - Process

Emission Source/Control: 00108 - Process

Emission Source/Control: 00109 - Process

Item 8.2:
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: U-MILL1
Process: MIL Source Classification Code: 3-03-009-35
Process Description:
This process entails the cold rolling of coil stock to reduce the steel to a specified thickness. Stress and friction induced by the rolling process generates heat and therefore a mixture of 3-4 % soluble cooling oil is cascaded over the rolls as it runs through the mill. This process liberates oxidized oil particulates and oil mist to the exhaust system that are generated from residual oil on the rolls and the soluble cooling oil applied during the process.

Emission Source/Control: 00101 - Process