

**New York State Department of Environmental Conservation**  
**Facility DEC ID: 9562000091**



**PERMIT**  
**Under the Environmental Conservation Law (ECL)**

**IDENTIFICATION INFORMATION**

Permit Type: Air State Facility  
Permit ID: 9-5620-00091/00001  
Mod 0 Effective Date: 11/15/2000 Expiration Date: No expiration date.  
Mod 1 Effective Date: 10/23/2002 Expiration Date: No expiration date.  
Mod 2 Effective Date: 03/29/2005 Expiration Date: No expiration date.

TPI ARCADE INC  
7888 RTE 98  
ARCADE, NY 14009

Facility: TPI ARCADE, INC  
7888 ROUTE 98  
ARCADE, NY 14009

**Description:**

The purpose of this permit modification is to modify conditions in the original permit to reflect the results of compliance stack testing and smoke opacity observations according to the following:

- 1.) Emission stack testing results show the emissions of silica quartz sand from the baghouse to be 0.03 pounds per hour. A permit limit of 0.05 pounds per hour is included in this permit. This emission rate limit has undergone impact evaluation and was shown to be compliant with Part 212 and DAR -1 ( formerly Air Guide -1 ).
- 2.) The facility-wide emissions of VOC are still limited to 45 tons per year for the facility to avoid Title 5 permitting. However, a new capping condition has been added at the emission unit level which limits casting emissions to 45 tons of VOC per year. Such a capping condition requires a public comment period to be federally enforceable. The reason for its inclusion is that under Part 231-2, New Source Review (NSR), maximum annual potential (MAP) applies at the emission unit rather than at the facility level. Therefore, this condition makes this source nonmajor for VOC under NSR.
- 3.) Opacity observations of the aluminum melting operation with increased frequency of fluxing show compliance with the 20% limit. Therefore, the requirements for EPA Method 9 opacity observations have deleted. New opacity conditions at the emission unit level require the facility to make daily visible emissions observations and where necessary take corrective action. The department may also request an Method 9 observation if opacity compliance is in question.
- 4.) Permit conditions for particulate emission sources which include the 0.05 grains per dry standard cubic foot (gdscf) of exhaust gas emission standard have been changed such that compliance stack testing

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for this limit would be required at the discretion of the department.

5.) The permit contains a new condition for the molding line which limits the maximum number of aluminum molds being produced to 25 per hour. This limit is based on production rate which occurred during the last compliance stack test. The original air permit established that the production rate occurring during the last compliant stack test would be a limit in the modified permit - this permit.

By way of background, this facility is a aluminum foundry that melts virgin ingots for use in precision molding operations. The facility has two gas fired furnaces and two electric induction furnace for the melting of the ingots. The firm also has two gas fired heat treat furnaces (both with a heat input of less than 10MBtu/hr) and two electric heat treat furnaces. All four are exempt from permitting and the process rule (Part 212).

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: \_\_\_\_ / \_\_\_\_ / \_\_\_\_



**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

Applications for Permit Renewals and Modifications

Permit Modifications, Suspensions and Revocations by the Department

Permit Modifications, Suspensions, and Revocations by the Department

**Facility Level**

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 2-1: Applications for Permit Renewals and Modifications**  
**Applicable State Requirement: 6NYCRR 621.13**

**Item 2-1.1:**

The permittee must submit a separate written application to the Department for renewal, modification or transfer of this permit. Such application must include any forms or supplemental information the Department requires. Any renewal, modification or transfer granted by the Department must be in writing.

**Item 2-1.2:**

The permittee must submit a renewal application at least 180 days before expiration of permits for Title V Facility Permits, or at least 30 days before expiration of permits for State Facility Permits.

**Item 2-1.3:**

Permits are transferrable with the approval of the department unless specifically prohibited by the statute, regulation or another permit condition. Applications for permit transfer should be submitted prior to actual

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transfer of ownership.

**Condition 3: Applications for Permit Renewals and Modifications**  
**Applicable State Requirement: 6NYCRR 621.13(a)**

**Expired by Mod No: 2**

**Item 3.1:**

The permittee must submit a separate written application to the Department for renewal, modification or transfer of this permit. Such application must include any forms or supplemental information the Department requires. Any renewal, modification or transfer granted by the Department must be in writing.

**Item 3.2:**

The permittee must submit a renewal application at least 180 days before expiration of permits for Title V Facility Permits, or at least 30 days before expiration of permits for State Facility Permits.

**Condition 2-2: Permit Modifications, Suspensions and Revocations by the Department**  
**Applicable State Requirement: 6NYCRR 621.14**

**Item 2-2.1:**

The Department reserves the right to modify, suspend, or revoke this permit in accordance with 6NYCRR Part 621. The grounds for modification, suspension or revocation include:

- a) materially false or inaccurate statements in the permit application or supporting papers;
- b) failure by the permittee to comply with any terms or conditions of the permit;
- c) exceeding the scope of the project as described in the permit application;
- d) newly discovered material information or a material change in environmental conditions, relevant technology or applicable law or regulations since the issuance of the existing permit;
- e) noncompliance with previously issued permit conditions, orders of the commissioner, any provisions of the Environmental Conservation Law or regulations of the Department related to the permitted activity.

**Condition 4: Permit Modifications, Suspensions, and Revocations by the Department**  
**Applicable State Requirement: 6NYCRR 621.14**

**Expired by Mod No: 2**

**Item 4.1:**

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

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



**\*\*\*\* Facility Level \*\*\*\***

**Condition 5: Submission of Applications for Permit Modification or Renewal -REGION 9 HEADQUARTERS**  
**Applicable State Requirement: 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 9 Headquarters  
Division of Environmental Permits  
270 Michigan Avenue  
Buffalo, NY 14203-2999  
(716) 851-7165

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**Permit Under the Environmental Conservation Law (ECL)**

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

**IDENTIFICATION INFORMATION**

Permit Issued To: TPI ARCADE INC  
7888 RTE 98  
ARCADE, NY 14009

Facility: TPI ARCADE, INC  
7888 ROUTE 98  
ARCADE, NY 14009

Authorized Activity By Standard Industrial Classification Code:  
3365 - ALUMINUM FOUNDRIES

Mod 0 Permit Effective Date: 11/15/2000

Permit Expiration Date: No expiration date.

Mod 1 Permit Effective Date: 10/23/2002



**LIST OF CONDITIONS**

**FEDERALLY ENFORCEABLE CONDITIONS**

**Emission Unit Level**

**EU=0-1CAST**

- 2-1 6NYCRR 212.4(c): Compliance Demonstration
- 2-2 6NYCRR 212.6(a): Compliance Demonstration

**EU=0-1CAST,Proc=MOU**

- 2-3 6NYCRR 202-1: Compliance Demonstration
- 2-4 6NYCRR 212.4(a): Compliance Demonstration

**EU=0-1FURN**

- 2-5 6NYCRR 212.4(c): Compliance Demonstration
- 2-6 6NYCRR 212.6(a): Compliance Demonstration

**STATE ONLY ENFORCEABLE CONDITIONS**

**Facility Level**

- 2-7 ECL 19-0301: Contaminant List
- 2-8 6NYCRR 201-1.4: Unavoidable noncompliance and violations
- 33 6NYCRR 201-5: Emission Unit Definition
- 2-9 6NYCRR 201-7: Facility Permissible Emissions
- \*2-10 6NYCRR 201-7: Capping Monitoring Condition
- 35 6NYCRR 211.2: Air pollution prohibited

**Emission Unit Level**

- 36 6NYCRR 201-5: Emission Point Definition By Emission Unit
- 37 6NYCRR 201-5: Process Definition By Emission Unit
- 2-11 6NYCRR 201-7: Emission Unit Permissible Emissions

**EU=0-1CAST,Proc=MOU**

- \*2-12 6NYCRR 201-7: Capping Monitoring Condition

NOTE: \* preceding the condition number indicates capping.      Permit Expiration Date: No expiration date.

Mod 2 Permit Effective Date: 03/29/2005

Permit Expiration Date: No expiration date.



**FEDERALLY ENFORCEABLE CONDITIONS**

**\*\*\*\* Emission Unit 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 2-1: Compliance Demonstration**

**Effective between the dates of 03/29/2005 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 212.4(c)**

**Replaces Condition(s) 24**

**Item 2-1.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: 0-1CAST

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

**Item 2-1.2:**

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



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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  
Reference Test Method: EPA Method 5  
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING  
DESCRIPTION  
Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST  
METHOD INDICATED  
Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 2-2: Compliance Demonstration**  
**Effective between the dates of 03/29/2005 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 212.6(a)**

**Replaces Condition(s) 25**

**Item 2-2.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: 0-1CAST

**Item 2-2.2:**

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 daily survey of visible  
emissions when the process is in operation. If any  
visible emissions are identified, corrective action is  
required. 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: EPA Method 9  
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING  
DESCRIPTION  
Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

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Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 2-3: Compliance Demonstration**

**Effective between the dates of 03/29/2005 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 202-1**

**Item 2-3.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: 0-1CAST

Process: MOU

Regulated Contaminant(s):

CAS No: 014808-60-7 QUARTZ

**Item 2-3.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

- 1.) Limit: The facility is limited to making 25 aluminum casting molds per hour. This limit is based on the maximum production rate accomplished during the last particulate stack test.
- 2.) Monitoring: Control logic software for molding line allows only up to 25 molds per hour to be poured. The computer measures a total running pour rate of the line. A total running pour rate is calculated for each set of the latest 25 pours. A new set of 25 pours are created by dropping the initial pour in the previous set and adding the next pour to the new set. If any of these sets are performed in less than an hour than the line shuts down until the next set of 25 is performed over a time period greater than one hour. A weekly calibration is performed by setting the limit for the total running pour rate to a number less than the projected actual. For instance, the limit should be changed to 10 pours per hour. The first set of 10 pours that occurs in less than an hour will stop the pour line and will not restart until the next set of 10 occurs over a period greater than an hour. The weekly calibration shall be logged and must show that the pouring line did stop at the 10 pours per hour mark only to restart after the pour rate fell below the 10 pour per hour limit.

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3.) Recordkeeping: The results of the verification test shall be kept on site for five years and made available upon request during normal business hours.

4.) Reporting Exceedances: If the pouring line logic control software malfunctions or for other reasons the molding line exceeds 25 molds per hour the facility shall notify the department in writing within 3 days of each occurrence.

5.) Retesting: If there two such exceedance events occur within any 3 calendar month period, the facility shall inform the department and schedule a stack test to determine compliance with particulate and quarts emission limits at the new maximum production rate. For the purpose of future compliance under this condition, the new production rate corresponding to a compliant stack test shall replace the 25 molds per hour limit.

6.) A stack test protocol shall be submitted to the department no later that 30 days after written notification by the department. The stack test shall be completed within 45 days of department approval of the protocol.

7.) A stack test report shall be submitted no later than 30 days after the test is completed for department review and approval. In the event the test report is not acceptable corrective action shall be taken and a revised stack test report shall be resubmitted for review and approval - as necessary.

Work Practice Type: PROCESS MATERIAL THRUPUT

Process Material: ALUMINUM CASTING MOLDS

Upper Permit Limit: 25 molds per hour

Monitoring Frequency: HOURLY

Averaging Method: 1 HOUR MAXIMUM - NOT TO BE EXCEEDED AT ANY TIME

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 2-4: Compliance Demonstration**

**Effective between the dates of 03/29/2005 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 212.4(a)**

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**Replaces Condition(s) 21, 22, 23**

**Item 2-4.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: 0-1CAST

Process: MOU

Regulated Contaminant(s):

CAS No: 014808-60-7 QUARTZ

**Item 2-4.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

- 1.) Emissions of silica quartz particulates from process MOU shall be limited to 0.05 pounds per hour or 438 pounds per year for 8760 hours per year of operation. This limit has been modeled to ensure that the impact meets the Air Guide 1 impact level of 0.12 micrograms per cubic meter, the Annual Guidance Concentration based on the current stack configuration and exhaust gas flow rate ( 36 inch diameter, 21 foot stack height and 36,230 acfm ).
- 2.) Compliance with this limit has been demonstrated through the initial compliance test. However, the department reserves the right to request repetition of this testing if it determines that there is a risk of the emission limit being exceeded or if semi-annual internal inspection shows a recurring high incidence of leaking bags.
- 3.) The facility shall perform an internal inspection and a leak detection test using a fluorescent tracer on the silica dust bagouse on a six month interval. All leaking bags shall be promptly replaced.
- 4.) The results of the fluorescent tracer tests shall be recorded in a log along with a summary of the maintenance work/bag replacement done. The log shall be made available to the department upon request during normal business hours. Results of the inspection and associated required bag replacement and maintenance shall be reported to the department along with the annual VOC capping certification report required by this permit under Part 201-7.2.

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5.) If a stack test is requested by the department or otherwise required by this permit, a stack test protocol shall be submitted for approval no later than 30 days after written notification by the department. The stack test shall be completed within 45 days of department approval of the protocol. This source shall be tested under maximum production rate.

4.) A stack test report shall be submitted no later than 30 days after the test is completed for department review and approval. In the event the test report is not acceptable corrective action shall be taken and a revised stack test report shall be resubmitted for review and approval - as necessary.

Parameter Monitored: QUARTZ

Upper Permit Limit: 0.05 pounds per hour

Reference Test Method: EPA Method 5

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING

DESCRIPTION

Averaging Method: 1 HOUR MAXIMUM - NOT TO BE EXCEEDED AT ANY TIME

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 2-5: Compliance Demonstration**

**Effective between the dates of 03/29/2005 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 212.4(c)**

**Replaces Condition(s) 27, 30**

**Item 2-5.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: 0-1FURN

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

**Item 2-5.2:**

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.



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Compliance testing will be conducted at the discretion of the Department.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.050 grains per dscf

Reference Test Method: EPA Method 5

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 2-6: Compliance Demonstration**

**Effective between the dates of 03/29/2005 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 212.6(a)**

**Replaces Condition(s) 28, 31**

**Item 2-6.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: 0-1FURN

**Item 2-6.2:**

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 daily survey of visible emissions when the process is in operation. If any visible emissions are identified, corrective action is required. 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: EPA Method 9

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

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**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 2-7: Contaminant List**

**Effective between the dates of 03/29/2005 and Permit Expiration Date**

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

**Item 2-7.1:**

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

CAS No: 014808-60-7  
Name: QUARTZ

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

**Condition 2-8: Unavoidable noncompliance and violations**

**Effective between the dates of 03/29/2005 and Permit Expiration Date**

**Applicable State Requirement: 6NYCRR 201-1.4**

**Item 2-8.1:**

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 33: Emission Unit Definition**  
**Effective between the dates of 11/15/2000 and Permit Expiration Date**

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

**Item 33.1(From Mod 2):**

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

Emission Unit: 0-1CAST

Emission Unit Description:

Sand molding and filming operation using automatic station to prepare sand mold from pattern boards including pouring of molten aluminum into molds, the shakeout of molds and recovery of fugitive sand from molds. Also including spraying of isopropanol based mold wash on pattern board film with vapors being emitted to emission point BH001.

Building(s): FOUNDRY



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**Item 33.2(From Mod 2):**

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

Emission Unit: 0-1FURN

Emission Unit Description:

MELTING OF ALUMINUM AND FLUXING IN (4)  
ELECTRIC INDUCTION AND (2) NATURAL GAS  
FIRED MELTING FURNACES. INCLUDES FLUXING,  
PARTICULATES, METALS (HAPS) EMISSIONS TO  
(4) FURNACE VENTS.

Building(s): FOUNDRY

**Condition 2-9: Facility Permissible Emissions**

**Effective between the dates of 03/29/2005 and Permit Expiration Date**

**Applicable State Requirement: 6NYCRR 201-7**

**Item 2-9.1:**

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: 0NY998-00-0 (From Mod 2) PTE: 90,000 pounds per year

Name: VOC

**Condition 2-10: Capping Monitoring Condition**

**Effective between the dates of 03/29/2005 and Permit Expiration Date**

**Applicable State Requirement: 6NYCRR 201-7**

**Item 2-10.1:**

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

6NYCRR 201-6.1

**Item 2-10.2:**

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

**Item 2-10.3:**

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



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control requirements, regulations or law.

**Item 2-10.4:**

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

**Item 2-10.5:**

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

**Item 2-10.6:**

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

**Item 2-10.7:**

Compliance Demonstration shall include the following monitoring:

Capping: Yes

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

Monitoring Description:

- 1.) Total facility-wide emissions of volatile organic compounds (VOCs) shall be limited to 45 tpy. By accepting these limitations on yearly VOC emissions the facility avoids the requirements of Title V permitting. This facility is being capped under the provisions of Part 201-7.2, "Emissions capping using synthetic minor permits".
- 2.) Tracking and recording of monthly VOC emissions shall be performed and a rolling 12 month total shall be calculated each month. The facility shall record emissions data on spread sheet/ log . For the purpose of emission determination, all VOC in raw material used in production minus VOC in documented waste disposal shall be assumed to be emitted to the atmosphere. Isopropyl alcohol used in mold making is the major VOC component at this time.
- 3.) Monthly emissions shall be calculated by the tenth day of the immediate subsequent month and the latest 12 month total shall be calculated for VOCs. Any exceedances of

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the 45 tpy limit shall be reported to the department within three days of the exceedance.

4.) The owner or operator 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 this facility, 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.

5.) 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 all emission units within the limits imposed by the emission cap. This certification shall include a brief summary of the emissions subject to the cap for that time period and a comparison to those threshold levels that would require the submission of an application for a title V facility permit, or compliance with an applicable requirement.

6.) The emission of pollutants in exceedance of the applicability thresholds for obtaining a title V facility permit or other applicable requirements constitutes a violation of this Part and of the act.

Parameter Monitored: VOC

Upper Permit Limit: 45 tons per year

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: ANNUAL TOTAL ROLLED MONTHLY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2006.

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

**Condition 35: Air pollution prohibited**  
**Effective between the dates of 11/15/2000 and Permit Expiration Date**

**Applicable State Requirement: 6NYCRR 211.2**

**Item 35.1:**

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



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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 36: Emission Point Definition By Emission Unit  
Effective between the dates of 11/15/2000 and Permit Expiration Date**

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

**Item 36.1(From Mod 0):**

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

Emission Unit: 0-1CAST

Emission Point: BH001

Height (ft.): 60

Diameter (in.): 36

NYTMN (km.): 4713.4

NYTME (km.): 219.7

Building: FOUNDRY

Emission Point: PH001

Height (ft.): 35

Diameter (in.): 22

NYTMN (km.): 4713.4

NYTME (km.): 219.7

Building: FOUNDRY

**Item 36.2(From Mod 0):**

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

Emission Unit: 0-1FURN

Emission Point: 0F001

Height (ft.): 35

Diameter (in.): 24

NYTMN (km.): 4713.4

NYTME (km.): 219.7

Emission Point: 0F002

Height (ft.): 35

Diameter (in.): 24

NYTMN (km.): 4713.4

NYTME (km.): 219.7

Building: FOUNDRY

Emission Point: 0F003

Height (ft.): 35

Diameter (in.): 24

NYTMN (km.): 4713.4

NYTME (km.): 219.7

Building: FOUNDRY

Emission Point: 0F004

Height (ft.): 35

Diameter (in.): 24

NYTMN (km.): 4713.4

NYTME (km.): 219.7

Building: FOUNDRY

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**Condition 37: Process Definition By Emission Unit**  
**Effective between the dates of 11/15/2000 and Permit Expiration Date**

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

**Item 37.1(From Mod 2):**

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

Emission Unit: 0-1CAST

Process: MOU

Source Classification Code: 3-04-001-99

Process Description:

SAND POULDING/FILMING OPERATION USING AUTOMATIC STATION TO PREPARE SAND MOULD FROM PATTERN BOARDS. INCLUDING POURING OF MOLDS/MOLTEN ALUMINUM AND SHAKEOUT OF MOULDS AND RECOVERY OF FUGITIVE SAND FROM MOLDS. INCLUDES SPRAYING OF ISOPROPANOL-BASED MOLD WASH ON PATTERN BOARD FILM WITH VAPORS BEING EMITTED TO EMISSION POINT BH001. CONTROL LOGIC SOFTWARE FOR THE MOLDING LINE ALLOWS ONLY UP TO 25 MOLDS PER HOUR TO BE POURED. IF THE POURING LINE REACHED 25 MOLDS IN ANY 60-MINUTE PERIOD, THE POURING TABLE IS DISENGAGED AND CANNOT BE INDEXED. AN ALARM THAT READS "DEC SPECIFIED MOLD LINE MAX SPEED LIMIT OF 25 POURS/HOUR REACHED XX SECONDS FROM TIME OF ALARM UNTIL AUTOMATIC RESTART!" APPEARS ON THE CONTROL CONSOLE. THERE IS A COUNTDOWN TIMER WHICH TELLS THE OPERATORS THE REMAINING WAIT TIME IN SECONDS UNTIL THE POURING TABLE ENGAGES AND CAN INDEX AGAIN.

Emission Source/Control: PHOOD - Process

**Item 37.2(From Mod 2):**

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

Emission Unit: 0-1CAST

Process: POU

Process Description:

POURING OF MOLTEN ALUMINUM EMITS SMALL AMOUNTS OF METALS, HAPS, PARTICULATES DURING COOLING AND HOT TOPPING PROCESS.

Emission Source/Control: PHOOD - Process



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Design Capacity: 12,750 cubic feet per minute

**Item 37.3(From Mod 2):**

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

Emission Unit: 0-1FURN

Process: ELE

Process Description:

ALUMINUM MELTING AND FLUXING IN (2)  
ELECTRIC INDUCTION MELTING FURNACES.  
FLUXING ON A SHIFT BASIS (2X/DAY) AND ONCE  
WEEKLY TO CLEAN FURNACE. FURNACES ARE  
INDUCTOTHERM ELECTRIC INDUCTION MODELS.

Emission Source/Control: EFUR1 - Process

Design Capacity: 1,500 pounds per hour

Emission Source/Control: EFUR4 - Process

Design Capacity: 1,500 pounds per hour

**Item 37.4(From Mod 2):**

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

Emission Unit: 0-1FURN

Process: GAS

Process Description:

ALUMINUM MELTING AND FLUXING IN (2)  
NATURAL GAS FIRED MELTING FURNACES. FLUXING  
ON A SHIFT BASIS (2X/DAY) AND ONCE WEEKLY  
TO CLEAN FURNACE. FURNACES ARE STAHL MODEL  
4500 DDR.

Emission Source/Control: GFUR2 - Process

Design Capacity: 1,500 pounds per hour

Emission Source/Control: GFUR3 - Process

Design Capacity: 1,500 pounds per hour

**Condition 2-11: Emission Unit Permissible Emissions**

**Effective between the dates of 03/29/2005 and Permit Expiration Date**

**Applicable State Requirement: 6NYCRR 201-7**

**Item 2-11.1:**

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:



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Emission Unit: 0-1CAST

CAS No: 0NY998000 (From Mod 2)

Name: VOC

PTE(s): 90,000 pounds per year

**Condition 2-12: Capping Monitoring Condition**

**Effective between the dates of 03/29/2005 and Permit Expiration Date**

**Applicable State Requirement: 6NYCRR 201-7**

**Item 2-12.1:**

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

6NYCRR 231-2

**Item 2-12.2:**

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

**Item 2-12.3:**

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

**Item 2-12.4:**

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

**Item 2-12.5:**

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

**Item 2-12.6:**

The Compliance Demonstration activity will be performed for:

Emission Unit: 0-1CAST

Process: MOU

Regulated Contaminant(s):

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CAS No: 0NY998-00-0 VOC

**Item 2-12.7:**

Compliance Demonstration shall include the following monitoring:

Capping: Yes

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

Monitoring Description:

1.) Total emissions of volatile organic compounds (VOCs) from this emission unit shall be limited to 45 tpy. The recordkeeping used for demonstrating compliance with the facility VOC cap shall be adequate for tracking and recording VOC emissions from this emission unit. By accepting these limitations on yearly VOC emissions, this emission unit is not subject to the provisions of Part 231-2 - new source review in a non-attainment area. This facility is being capped under the provisions of Part 201-7.2, "Emissions capping using synthetic minor permits".

2.) Tracking and recording of monthly VOC emissions shall be performed and a rolling 12 month total shall be calculated each month. The first annual certification report (required as per Part 201-7.2(e)) will be due January 31, 2006. The facility shall record emissions data on spread sheet/ log . For the purpose of emission determination, all VOC in raw material used in production minus VOC in documented in waste disposal during any 12 month period month shall be assumed to be emitted to the atmosphere. Isopropyl alcohol used in mold making is the major VOC component at this time.

3.) Monthly emissions shall be calculated by the tenth day of the immediate subsequent month and the latest 12 month total shall be calculated for VOCs. Any exceedances of the 45 tpy limit shall be reported to the department within three days of the exceedance.

4.) The owner or operator 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 this facility, 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.

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5.) 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 all emission units within the limits imposed by the emission cap. This certification shall include a brief summary of the emissions subject to the cap for that time period and a comparison to those threshold levels that would require the submission of an application for a title V facility permit, or compliance with an applicable requirement.

6.) The emission of pollutants in exceedance of the applicability thresholds for obtaining a title V facility permit or other applicable requirements constitutes a violation of this Part and of the act.

Parameter Monitored: VOC

Upper Permit Limit: 45 tons per year

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING

**DESCRIPTION**

Averaging Method: ANNUAL TOTAL ROLLED MONTHLY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2006.

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