

New York State Department of Environmental Conservation
Facility DEC ID: 7314800087



PERMIT
Under the Environmental Conservation Law (ECL)

IDENTIFICATION INFORMATION

Permit Type: Air State Facility
Permit ID: 7-3148-00087/00089
Effective Date: 02/04/2000 Expiration Date: No expiration date

Permit Issued To: SYRACUSE CHINA CO
PO BOX 4820
SYRACUSE, NY 13221

Contact: LIBBY INC
300 MADISON AVE
TOLEDO, OH 43604

SYRACUSE CHINA COMPANY

2900 COURT ST
SYRACUSE, NY 13221

Contact: SYRACUSE CHINA CO
2900 COURT ST
SYRACUSE, NY 13208-3218

Description:

State Facility permit issuance is pursuant to Part 201-5.4, capping for Volatile Organic Compounds has already been established by previously issued permit conditions (this being continued with this permit through specified reporting requirements already in place), in addition to this a Toluene usage cap is being established at 9.9 tons over any twelve (12) consecutive month period (this reporting requirement will be incorporated into the annual report/certification for VOC compliance); this is to verify compliance with a facility limitation for no single HAP emission beyond ten (10) tons per year and no aggregate HAP emissions beyond twenty five (25) tons per year.

This facility manufactures and decorates dinnerware from raw materials including: clay, glazes, paints and precious metals by forming ware and utilizing firing, glazing, coating, grinding and drying processes. Process-wise there are two boilers, for steam/heat; one of which is always considered a back-up. There are six kilns for initial firing, five kilns for glaze-firing, spray-glaze machines and booths for glaze and color coatings, natural gas and steam-heated dryers, a burnishing station, and a color-preparation area.

This facility is subject to 212 RACT for VOC, due to the facility's potential to emit more than fifty (50) tons of VOC over any twelve (12) consecutive month period. A VOC cap at 49.9 tons has already been established, based on a facility limitation on storage capacity for raw materials and products which contain VOC.

With this permitting action, the facility will cap Toluene emissions, due to the potential to emit being

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greater than ten (10) tons per year. Compliance will be verified based on usage of raw materials containing Toluene being tracked and reported to the Department

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.

P: BARRY L BORROW

DIVISION OF ENVIRONMENTAL PERMITS
615 ERIE BLVD WEST
SYRACUSE, NY 13204-2400

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

GENERAL CONDITIONS

General Provisions

Facility Inspection by the Department

Relationship of this Permit to Other Department Orders and Determinations

Applications for Permit Renewals and Modifications

Permit Modifications, Suspensions, and Revocations by the Department

Facility Level

Submission of Applications for Permit Modification or Renewal -REGION 7
HEADQUARTERS

DEC SPECIAL CONDITIONS

Facility inspection by the department.



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(a)

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

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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 7 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 7 Headquarters
Division of Environmental Permits
615 Erie Blvd West
Syracuse, NY 13204-2400
(315) 426-7400

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DEC SPECIAL CONDITIONS

Condition 6: Facility inspection by the department.
Applicable State Requirement: ECL 3-0301.2(g)

Item 6.1:



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ARTICLE 19: AIR POLLUTION CONTROL - AIR STATE FACILITY PERMIT

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PO BOX 4820
SYRACUSE, NY 13221

Facility: SYRACUSE CHINA COMPANY
2900 COURT ST
SYRACUSE, NY 13221

Authorized Activity By Standard Industrial Classification Code:
3262 - VITREOUS CHINA FOOD UTENSILS
3269 - POTTERY PRODUCTS, NEC



LIST OF CONDITIONS

FEDERALLY ENFORCEABLE CONDITIONS

Facility Level

- 1 6NYCRR 200.5: Sealing
- 2 6NYCRR 200.6: Acceptable ambient air quality
- 3 6NYCRR 200.7: Maintenance of equipment
- 4 6NYCRR 201-1.2: Unpermitted Emission Sources
- 5 6NYCRR 201-1.4: Unavoidable Noncompliance and Violations
- 6 6NYCRR 201-1.5: Emergency Defense
- 7 6NYCRR 201-1.7: Recycling and Salvage
- 8 6NYCRR 201-1.8: Prohibition of Reintroduction of Collected Contaminants to the Air
- 9 6NYCRR 201-1.10(a): Public Access to Recordkeeping
- 10 6NYCRR 201-3.2(a): Proof of Eligibility
- 11 6NYCRR 201-3.3(a): Proof of Eligibility
- 12 6NYCRR 201-6.1(a)(1): Facility Permissible Emissions
- *13 6NYCRR 201-6.1(a)(1): Compliance Demonstration
- *14 6NYCRR 201-6.1(a)(1): Compliance Demonstration
- 15 6NYCRR 202-1.1: Required emissions tests
- 16 6NYCRR 211.3: Visible emissions limited.
- 17 6NYCRR 212.3(b): Compliance Demonstration
- 18 6NYCRR 215: Open Fires Prohibited at Industrial and Commercial Sites

Emission Unit Level

- 19 6NYCRR 201-6.1(a)(1): Emission Unit Permissible Emissions

EU=1-00001,Proc=BIS,ES=00301

- 20 6NYCRR 212.6(a): 212.6(a) - Opacity standard

EU=1-00008,Proc=HTG,ES=44001

- 21 6NYCRR 227-2.4(d): Compliance Demonstration

EU=1-00008,EP=00440

- 22 6NYCRR 227-1.3(a): Compliance Demonstration

STATE ONLY ENFORCEABLE CONDITIONS

Facility Level

- 23 6NYCRR 201-5: General Provisions
- 24 6NYCRR 201-5: Emission Unit Definition
- 25 6NYCRR 201-5.3(b): Contaminant List
- 26 6NYCRR 211.2: Air pollution prohibited
- 27 6NYCRR 217-3.2(a): Diesel truck opacity limitation
- 28 6NYCRR 217-3.2(b): Idling of diesel trucks limited

Emission Unit Level



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

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

NOTE: * preceding the condition number indicates capping. Permit Effective Date: 02/04/2000
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FEDERALLY ENFORCEABLE CONDITIONS

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Condition 1: Sealing

Effective between the dates of 02/04/2000 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 200.5

Item 1.1:

(a) 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 labelling 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.

(b) 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.

(c) Unless authorized by the commissioner, no person shall remove or alter any seal affixed to any contamination source in accordance with this section

Condition 2: Acceptable ambient air quality

Effective between the dates of 02/04/2000 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 200.6

Item 2.1:

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.

Condition 3: Maintenance of equipment

Effective between the dates of 02/04/2000 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 200.7

Item 3.1:

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.



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Condition 4: Unpermitted Emission Sources
Effective between the dates of 02/04/2000 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 201-1.2

Item 4.1:

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.

Condition 5: Unavoidable Noncompliance and Violations
Effective between the dates of 02/04/2000 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 201-1.4

Item 5.1:

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 or certificate issued for the corresponding air contamination source. 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



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of the emission rates.

(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 taminants 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.

Condition 6: Emergency Defense
Effective between the dates of 02/04/2000 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 201-1.5

Item 6.1:

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.

Condition 7: Recycling and Salvage
Effective between the dates of 02/04/2000 and Permit Expiration Date

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Applicable Federal Requirement: 6NYCRR 201-1.7

Item 7.1:

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.

Condition 8: Prohibition of Reintroduction of Collected Contaminants to the Air
Effective between the dates of 02/04/2000 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 201-1.8

Item 8.1:

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.

Condition 9: Public Access to Recordkeeping
Effective between the dates of 02/04/2000 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 201-1.10(a)

Item 9.1:

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.

Condition 10: Proof of Eligibility
Effective between the dates of 02/04/2000 and Permit Expiration Date

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

Item 10.1:

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.

Condition 11: Proof of Eligibility



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

Item 11.1:

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.

Condition 12: Facility Permissible Emissions

Effective between the dates of 02/04/2000 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 201-6.1(a)(1)

Item 12.1:

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: 000108-88-3 PTE: 19,800 pounds per year
Name: TOLUENE

CAS No: 0NY998-00-0 PTE: 98,000 pounds per year
Name: VOC

Compliance Demonstration

Effective between the dates of 02/04/2000 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 201-6.1(a)(1)

Item 13.1:

The Compliance Demonstration activity will be performed for the Facility.

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

Item 13.2:

Compliance Demonstration shall include the following monitoring:

Capping: Yes
Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC

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OPERATIONS

Monitoring Description:

MONTHLY USE AND INVENTORY OF VOC CONTAINING MATERIALS WILL BE TRACKED TO VERIFY THAT ACTUAL EMISSIONS OF VOC'S DO NOT EXCEED 99,800 LBS (49.9 TONS) OVER ANY TWELVE (12) CONSECUTIVE MONTH PERIOD. ANNUAL REPORTS SHALL BE SUBMITTED AS NEGOTIATED IN PERMITS (CONDITIONS) ISSUED PREVIOUSLY.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: RAW MATERIAL

Parameter Monitored: VOC CONTENT

Upper Permit Limit: 49.9 tons per year

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 14: Compliance Demonstration
Effective between the dates of 02/04/2000 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 201-6.1(a)(1)

Item 14.1:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 000108-88-3

TOLUENE

Item 14.2:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

MONTHLY USE AND INVENTORY OF TOLUENE CONTAINING MATERIALS WILL BE TRACKED TO VERIFY THAT ACTUAL EMISSION OF TOLUENE DO NOT EXCEED 19,800 LBS (9.9 TONS) OVER ANY TWELVE (12) CONSECUTIVE MONTH PERIOD. REPORTS SHALL BE SUBMITTED ANNUALLY, IN CONJUNCTION WITH REPORTS FOR VOC COMPLIANCE VERIFICATION.

Work Practice Type: PARAMETER OF PROCESS MATERIAL



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Process Material: RAW MATERIAL
Parameter Monitored: TOLUENE
Upper Permit Limit: 9.9 tons per year
Monitoring Frequency: MONTHLY
Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY
Reporting Requirements: ANNUALLY (ANNIVERSARY)
Initial Report Due: 03/05/2001 for the period 02/04/2000 through 02/03/2001

Condition 15: Required emissions tests
Effective between the dates of 02/04/2000 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 202-1.1

Item 15.1:

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.

Condition 16: Visible emissions limited.
Effective between the dates of 02/04/2000 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 211.3

Item 16.1:

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.

Compliance Demonstration

Effective between the dates of 02/04/2000 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 212.3(b)

Item 17.1:

The Compliance Demonstration activity will be performed for the Facility.

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

Item 17.2:

Compliance Demonstration shall include the following monitoring:

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



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Monitoring Description:

Particulate emissions of greater than .15 gr/dscf shall not be allowed from any emission point, stacks should be checked periodically for visible emissions; if visible particulate emissions are evident, subsequent equipment inspection and maintenance (as per manufacturer's instructions and recommendations) should be undertaken (to insure compliance with standard). Testing will be performed at the discretion of the Department.

Work Practice Type: PROCESS MATERIAL THRUPUT

Upper Permit Limit: .15 grains per dscf

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

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

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 18: Open Fires Prohibited at Industrial and Commercial Sites
Effective between the dates of 02/04/2000 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 215

Item 18.1:

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.

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

Condition 19: Emission Unit Permissible Emissions
Effective between the dates of 02/04/2000 and Permit Expiration Date

Applicable 6NYCRR 201-6.1(a)(1)

Item 19.1:

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

Emission Unit: 1-00003

CAS No: 000108-88-3

Name: TOLUENE

PTE(s): 1.993 pounds per hour

17,459 pounds per year

Emission Unit: 1-00004

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CAS No: 000108-88-3
Name: TOLUENE
PTE(s): 0.654 pounds per hour
5,729 pounds per year

Emission Unit: 1-00010

CAS No: 000108-88-3
Name: TOLUENE
PTE(s): 0.0001 pounds per hour
1.226 pounds per year

Emission Unit: 1-00001

CAS No: 0NY998-00-0
Name: VOC
0.137 pounds per hour
1,201 pounds per year

Emission Unit: 1-00002

CAS No: 0NY998-00-0
Name: VOC
PTE(s): 0.068 pounds per hour
596 pounds per year

Emission Unit: 1-00005

CAS No: 0NY998-00-0
Name: VOC
PTE(s): 0.025 pounds per hour
216 pounds per year

Emission Unit: 1-00006

CAS No: 0NY998-00-0
Name: VOC
PTE(s): 0.029 pounds per hour
255 pounds per year

Emission Unit: 1-00008

CAS No: 0NY998-00-0
Name: VOC
0.108 pounds per hour
945 pounds per year

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Emission Unit: 1-00011

CAS No: 0NY998-00-0

Name: VOC

PTE(s): 0.005 pounds per hour

40 pounds per year

Condition 20: 212.6(a) - Opacity standard
Effective between the dates of 02/04/2000 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 212.6(a)

Item 20.1:

ThiEmission Unit: 1-00001

Process: BIS

Emission Source: 00301

Item 20.2:

No person will 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.

Condition 21: Compliance Demonstration
Effective between the dates of 02/04/2000 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 227-2.4(d)

Item 21.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 1-00008

PrEmission Source: 44001

Item 21.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

A boiler tune-up shall be performed annually. The owner or operator of a small boiler shall maintain a log (in the format acceptable to the Department) containing the following information: (1) The date which the equipment was adjusted; and (2) The name, title, and affiliation of the person who adjusted the equipment.

Monitoring Frequency: ANNUALLY

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY



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Condition 22: Compliance Demonstration

Effective between the dates of 02/04/2000 and Permit Expiration Date

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

Item 22.1:

The Compliance Demonstration activity will be performed for:

EmisEmission Point: 00440

Item 22.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

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

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Reference Test Method: Method 9

Monitoring Frequency: ANNUALLY

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

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STATE ONLY ENFORCEABLE CONDITIONS

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

Condition 23: General Provisions

Effective between the dates of 02/04/2000 and Permit Expiration Date

Applicable State Requirement: 6NYCRR 201-5

Item 23.1:

This section contains terms and conditions that are not federally enforceable and are not required under the Act or under any of its applicable requirements. Terms and conditions so designated are not subject to the requirements of Section 201-6.4 of Part 201.

Item 23.2:

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.

Item 23.3:

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.

Emission Unit Definition

Effective between the dates of 02/04/2000 and Permit Expiration Date

Applicable State Requirement: 6NYCRR 201-5

Item 24.1:

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

Emission Unit: 1-00001

Emission Unit Description:

EMISSION UNIT NO 1 CONSISTS OF SIX (6)
KILNS WHICH ARE USED TO FIRE "GREEN" WARE.
GREEN WARE CONSISTS OF VARIOUS DINNERWARE
SHAPES WHICH HAVE BEEN FORMED AND DRIED,
BUT HAVE NOT YET BEEN FIRED TO THE CERAMIC
STATE.

Building(s): MAIN

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Item 24.2:

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

Emission Unit: 1-00002

Emission Unit Description:

EMISSION UNIT NO. 2 CONSISTS OF FIVE (5) KILNS WHICH ARE USED TO FIRE CERAMIC DINNERWARE SHAPES WITH A POWDERED GLAZE SURFACE COATING TO MELT THE COATING INTO A CONTINUOUS GLASS SURFACE.

Building(s): MAIN

Item 24.3:

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

Emission Unit: 1-00003

Emission Unit Description:

EMISSION UNIT NO. 3 CONSISTS OF TWENTY FOUR (24) WORK STATIONS AND ONE SPRAY NOZZLE CLEANING STATION WHICH ARE USED TO APPLY LACQUER AND ACRYLIC PAINTS TO DECORATE CERAMIC DINNERWARE SHAPES.

Building(s): MAIN

Item 24.4:

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

Emission Unit: 1-00004

Emission Unit Description:

EMISSION UNIT NO 4 CONSISTS OF THREE (3) GENERAL DRYERS WHICH ARE USED TO DRY SILK SCREEN PATTERNS AND DECAL SHEETS AND ONE (1) WORKSTATION WHERE SOLVENT IS USED TO CLEAN COATINGS FROM THE SCREENS. ALL THESE OPERATIONS TAKE PLACE IN THE LITHO DEPARTMENT.

Building(s): MAIN

Item 24.5:

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

Emission Unit: 1-00005

Emission Unit Description:

EMISSION UNIT NO. 5 CONSISTS OF THREE (3) NATURAL GAS FIRED DRYERS WHICH ARE USED TO DRY VARIOUS DINNERWARE SHAPES WHICH HAVE BEEN FORMED OUT OF MOIST CLAY. IN ALL OF



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THESE WARE DRYERS, MINERAL SPIRITS IS
SPRAYED ONTO A METAL TOOL TO LUBRICATE THE
CLAY S YSTEM, ACTING AS A RELEASE AGENT.

Building(s): MAIN

Item 24.6:

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

Emission Unit: 1-00006

Emission Unit Description:

EMISSION UNIT NO. 6 CONSISTS OF SIX (6)
SPRAY BOOTHS AND SIX (6) WET SCRUBBERS
WHICH ARE USED TO SPRAY ON AQUEOUS
SUSPENSION OF GLAZE MATERIAL ONTO
UNFINISHED DINNERWARE.

Building(s): MAIN

Item 24.7:

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

Emission Unit: 1-00007

Emission Unit Description:

EMISSION UNIT NO. 7 CONSISTS OF TWO (2)
STEAM HEATED DRYERS WHICH ARE USED TO DRY
VARIOUS DINNERWARE SHAPES WHICH HAVE BEEN
FORMED OUT OF MOIST CLAY. IN BOTH OF THESE
WARE DRYERS, MINERAL SPIRITS IS SPRAYED
ONTO A METAL TOOL TO LUBRICATE THE CLAY
SYSTEM, ACTING AS A RELEASE AGENT.

Building(s): MAIN

Item 24.8:

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

Emission Unit: 1-00008

Emission Unit Description:

EMISSION UNIT NO. 8 CONSISTS OF THE TWO
(2) MAIN STEAM BOILERS, WHICH ARE USED TO
GENERATE STEAM FOR PROCESS HEAT, AND FOR
FACILITY HEATING DURING THE WINTER. ONLY
ONE (1) BOILER RUNS AT A TIME. THE SECOND
BOILER SERVES AS A BACK UP.

Building(s): POWER

Item 24.9:

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



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Emission Unit: 1-00009

Emission Unit Description:

EMISSION UNIT NO. 9 CONSISTS OF ONE (1) SPRAY BOOTH AND ONE (1) BAFFLE SYSTEM WHICH ARE SUED TO SPRAY AN AQUEOUS SUSPENSION OF GLAZE MATERIAL ONTO UNHEATED, UNFINISHED DINNERWARE.

Building(s): MAIN

Item 24.10:

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

Emission Unit: 1-00010

Emission Unit Description:

EMISSION UNIT NO. 10 CONSISTS OF SIX (6) MANUAL BURNISHING STATIONS (1C, 1D, 1E, 1G, 1H, AND 1I), TWO AUTOMATIC BURNISHING STATIONS, AND A GOLD LINING STATION WHICH ARE USED TO REMOVE MINOR IMPERFECTIONS FROM THE SURFACE OF DINNERWARE, AND TO PLACE A DECO RATIVE GOLD LINE AROUND THE EDGE OF THE DINNERWARE, RESPECTIVELY.

Building(s): MAIN

Item 24.11:

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

Emission Unit: 1-00011

Emission Unit Description:

EMISSION UNIT NO. 11 CONSISTS OF ONE (1) SPRAY BOOTH AND ONE (1) BAFFLE AND WATER CURTAIN SYSTEM WHICH ARE USED TO SPRAY AN AQUEOUS SUSPENSION OF GLAZE MATERIAL ONTO HEATED, UNFINISHED DINNERWARE.

Building(s): MAIN

Item 24.12:

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

Emission Unit: 1-00012

Emission Unit Description:

EMISSION UNIT NO. 12 CONSISTS OF SEVERAL BALL MILLS WHERE PIGMENTS ARE GROUND AND BLENDED AND AN ASSOCIATED HEPA FILTER WHICH IS USED TO FILTER EXHAUST AIR COLLECTED FROM SEVERAL LOCATIONS IN THE COLOR PREPARATION AREA.

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Building(s): MAIN

Condition 25: Contaminant List

Effective between the dates of 02/04/2000 and Permit Expiration Date

Applicable State Requirement: 6NYCRR 201-5.3(b)

Item 25.1:

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

CAS No: 0NY075-00-0

Name: PARTICULATES

CAS No: 000108-88-3

Name: TOLUENE

CAS No: 0NY998-00-0

Name: VOC

Condition 26: Air pollution prohibited

Effective between the dates of 02/04/2000 and Permit Expiration Date

Applicable State Requirement: 6NYCRR 211.2

Item 26.1:

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 nation with others.

Condition 27: Diesel truck opacity limitation

Effective between the dates of 02/04/2000 and Permit Expiration Date

Applicable State Requirement: 6NYCRR 217-3.2(a)

Item 27.1:

No person who owns, operates or leases a vehicle propelled by a diesel engine or who owns, leases or occupies land and has actual or apparent dominion or control over the operation of a vehicle propelled by a diesel engine which is present on said land, shall operate said vehicle or allow or permit it to be operated, in such a manner that exhaust emissions of a shade of blue, black, or gray equal to or greater than No. 1 on the Ringelmann chart (20 percent opacity) or equivalent standard acceptable to the commissioner are produced for a continuous period of more than five seconds when the vehicle is in motion.



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Condition 28: Idling of diesel trucks limited
Effective between the dates of 02/04/2000 and Permit Expiration Date

Applicable State Requirement: 6NYCRR 217-3.2(b)

Item 28.1:

No person who owns, operates or leases a bus or truck, the motive power for which is provided by a diesel engine or who owns, leases or occupies land and has the actual or apparent dominion or control over the operation of a bus or truck present on such land, the motive power for which said bus or truck is provided by a diesel engine, shall allow or permit the diesel engine of such bus or truck to idle for more than five consecutive minutes when the bus or truck is not in motion, except as otherwise permitted by 6 NYCRR Subpart 217-3.3.

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

Condition 29: Emission Point Definition By Emission Unit
Effective between the dates of 02/04/2000 and Permit Expiration Date

Applicable State Requirement: 6NYCRR 201-5

Item 29.1:

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

- Emission Unit: 1-00001

- Emission Point: 00003
 - Height (ft.): 31 Diameter (in.): 24
 - NYNYTME (km.): 403.532 Building: MAIN

- Emission Point: 00009
 - Height (ft.): 31 Diameter (in.): 20
 - NYTMN (km.): 4767.422 NYTME (km.): 403.532 Building: MAIN

- Emission Point: 00012
 - Height (ft.): 33 Diameter (in.): 22
 - NYNYTME (km.): 403.532 Building: MAIN

- Emission Point: 00105
 - Height (ft.): 33 Length (in.): 24 Width (in.): 128
 - NYTMN (km.): 4767.422 NYTME (km.): 403.532 Building: MAIN

- Emission Point: 00191
 - Height (ft.): 36 Diameter (in.): 23
 - NYNYTME (km.): 403.532 Building: MAIN

- Emission Point: 00360



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Height (ft.): 34 Diameter (in.): 15
NYTMN (km.): 4767.422 NYTME (km.): 403.532 Building: MAIN

Item 29.2:

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

Emission Unit: 1-00002

Emission Point: 00015
Height (ft.): 38 Diameter (in.): 16
N\NYTME (km.): 403.532 Building: MAIN

Emission Point: 00072
Height (ft.): 38 Diameter (in.): 20
NYTMN (km.): 4767.422 NYTME (km.): 403.532 Building: MAIN

Emission Point: 00182
Height (ft.): 38 Diameter (in.): 18
N\NYTME (km.): 403.532 Building: MAIN

Emission Point: 00343
Height (ft.): 38 Diameter (in.): 24
NYTMN (km.): 4767.422 NYTME (km.): 403.532 Building: MAIN

Emission Point: 00355
Height (ft.): 38 Diameter (in.): 20
N\NYTME (km.): 403.532 Building: MAIN

Emission Point: 00356
Height (ft.): 38 Diameter (in.): 20
NYTMN (km.): 4767.422 NYTME (km.): 403.532 Building: MAIN

Item 29.3:

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

Emission Unit: 1-00003

Emission Point: 00029
Height (ft.): 29 Diameter (in.): 14
N\NYTME (km.): 403.532 Building: MAIN

Emission Point: 00030
Height (ft.): 23 Diameter (in.): 14
NYTMN (km.): 4767.422 NYTME (km.): 403.612 Building: MAIN

Emission Point: 00212
Height (ft.): 25 Length (in.): 34 Width (in.): 42



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NYTMN (km.): 4767.422 NYTME (km.): 403.532 Building: MAIN

Item 29.4:

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

Emission Unit: 1-00004

Emission Point: 00067

Height (ft.): 27

Diameter (in.): 14

N\NYTME (km.): 403.532

Building: MAIN

Emission Point: 00069

Height (ft.): 20

Diameter (in.): 8

NYTMN (km.): 4767.422 NYTME (km.): 403.532

Building: MAIN

Emission Point: 00403

Height (ft.): 13

Diameter (in.): 14

N\NYTME (km.): 403.532

Building: MAIN

Emission Point: 00404

Height (ft.): 14

Length (in.): 19

Width (in.): 19

NYTMN (km.): 4767.422 NYTME (km.): 403.532

Building: MAIN

Item 29.5:

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

Emission Unit: 1-00005

Emission Point: 00119

Height (ft.): 27

Diameter (in.): 20

N\NYTME (km.): 403.532

Building: MAIN

Emission Point: 00120

Height (ft.): 27

Diameter (in.): 20

NYTMN (km.): 4767.422 NYTME (km.): 403.532

Building: MAIN

Emission Point: 00121

Height (ft.): 20

Diameter (in.): 12

N\NYTME (km.): 403.532

Building: MAIN

Emission Point: 00127

Height (ft.): 26

Diameter (in.): 12

NYTMN (km.): 4767.422 NYTME (km.): 403.532

Building: MAIN

Item 29.6:

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



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Emission Unit: 1-00006

Emission Point: 00181

Height (ft.): 38 Diameter (in.): 20

N\NYTME (km.): 403.532 Building: MAIN

Emission Point: 00185

Height (ft.): 38 Diameter (in.): 23

NYTMN (km.): 4767.422 NYTME (km.): 403.532 Building: MAIN

Emission Point: 00187

Height (ft.): 38 Diameter (in.): 25

N\NYTME (km.): 403.532 Building: MAIN

Emission Point: 00189

Height (ft.): 38 Diameter (in.): 20

NYTMN (km.): 4767.422 NYTME (km.): 403.532 Building: MAIN

Emission Point: 00445

Height (ft.): 21 Diameter (in.): 15

N\NYTME (km.): 403.532 Building: MAIN

Emission Point: 00446

Height (ft.): 32 Diameter (in.): 20

NYTMN (km.): 4767.422 NYTME (km.): 403.532 Building: MAIN

Item 29.7:

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

Emission Unit: 1-00007

Emission Point: 00101

Height (ft.): 28 Diameter (in.): 15

N\NYTME (km.): 403.532 Building: MAIN

Emission Point: 00159

Height (ft.): 30 Diameter (in.): 16

NYTMN (km.): 4767.422 NYTME (km.): 403.532 Building: MAIN

Item 29.8:

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

Emission Unit: 1-00008

Emission Point: 00440

Height (ft.): 90 Diameter (in.): 60

N\NYTME (km.): 403.532 Building: POWER



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Item 29.9:

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

Emission Unit: 1-00009

Emission Point: 00102

Height (ft.): 35

Diameter (in.): 24

NYNYTME (km.): 403.532

Building: MAIN

Item 29.10:

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

Emission Unit: 1-00010

Emission Point: 00164

Height (ft.): 32

Diameter (in.): 28

NYTMN (km.): 4767.422 NYTME (km.): 403.532 Building: MAIN

Item 29.11:

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

Emission Unit: 1-00011

Emission Point: 00444

Height (ft.): 32

Diameter (in.): 34

NYNYTME (km.): 403.532

Building: MAIN

Item 29.12:

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

Emission Unit: 1-00012

Emission Point: 00388

Height (ft.): 14

Length (in.): 57

Width (in.): 49

NYTMN (km.): 4767.422 NYTME (km.): 403.532 Building: MAIN

Condition 30: Process Definition By Emission Unit

Effective between the dates of 02/04/2000 and Permit Expiration Date

Applicable State Requirement: 6NYCRR 201-5

Item 30.1:

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

Emission Unit: 1-00001

Process: BIS

Source Classification Code: 3-05-008-12

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Facility DEC ID: 7314800087



Process Description:

THE SIX (6) KILNS WHICH COMPRISE EMISSION UNIT NO. 1 CONSIST OF OVENS (KILNS) WHICH ARE USED TO HEAT FORMED, DRY, DINNERWARE TO A TEMPERATURE WHERE THE CLAY OF WHICH THE GREEN WARE IS COMPRISED CONVERTS TO A VITRIFIED CERAMIC STATE. EACH OF THE SIX (6) KILNS IS FIRED WITH NATURAL GAS. EACH IS USED FOR DIFFERENT SHAPES OF WARE. THE EXHAUST CONSTITUENTS INCLUDE PRIMARILY PRODUCTS OF NATURAL GAS COMBUSTION, ALONG WITH MINERAL SPIRITS USED IN THE WARE FORMING PROCESS AND ENTRAINED DUST (PARTICULATE).

Emission Source/Control: 00301 - Process
Design Capacity: 5.9875 million Btu per hour

Emission Source/Control: 00901 - Process
Design Capacity: 3.325 million Btu per hour

Emission Source/Control: 01201 - Process
Design Capacity: 3.325 million Btu per hour

Emission Source/Control: 10501 - Process
Design Capacity: 8,000,000 million Btu per hour

Emission Source/Control: 19101 - Process
Design Capacity: 4.441 million Btu per hour

Emission Source/Control: 36001 - Process
Design Capacity: 3.78 million Btu per hour

Item 30.2:

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

Emission Unit: 1-00002

Process: GKN

Source Classification Code: 3-05-008-12

Process Description:

THE FIVE (5) KILNS WHICH COMPRISE EMISSION UNIT NO. 2 CONSIST OF OVENS (KILNS) WHICH ARE USED TO HEAT CERAMIC DINNERWARE SHAPES WHICH HAVE BEEN COATED WITH A POWDERED GLAZE IN ORDER TO MELT THE COATING, FORMING A CONTINUOUS GLASS SURFACE ON THE WARE. EACH OF THE FIVE (5) KILNS IS FIRED WITH NATURAL GAS. THE EXHAUST CONSTITUENTS

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INCLUDE PRIMARILY PRODUCTS OF NATURAL GAS COMBUSTION, ALONG WITH ENTRAINED DUST (PARTICULATE) AND LEAD FROM THE GLAZE POWDER.

Emission Source/Control: 01501 - Process
Design Capacity: 4.13 million Btu per hour

Emission Source/Control: 07201 - Process
Design Capacity: 4.6 million Btu per hour

Emission Source/Control: 18201 - Process
Design Capacity: 4.367 million Btu per hour

Emission Source/Control: 34301 - Process
Design Capacity: 330 kilowatt hours

Emission Source/Control: 35501 - Process
Design Capacity: 4.367 million Btu per hour

Emission Source/Control: 35601 - Process
Design Capacity: 4 million Btu per hour

Item 30.3:

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

Emission Unit: 1-00003

Process: SPB

Source Classification Code: 3-09-060-01

Process Description:

THE TWENTY FOUR (24) WORK STATIONS AND ONE (1) SPRAY NOZZLE CLEANING STATION WHICH COMPRISE EMISSION UNIT NO. 3 ARE USED TO APPLY LAQUER AND ACRYLIC PAINTS TO CERAMIC DINNERWARE SHAPES TO DECORATE THEM (IE., SPECKLED PATTERNS, EDGE BANDS). THE LAQUER AND SOLVENT VEHICLE (SYRACUSE CHINA BLEND SP-2) BOTH CONTAIN VOLATILE COMPONENTS, WHICH ARE COLLECTED BY VENTILATION HOODS AT EACH WORK STATION AND EXHAUSTED FROM THE BUILDING.

Emission Source/Control: 02901 - Process

Emission Source/Control: 03001 - Process

Emission Source/Control: 21201 - Process

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Item 30.4:

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

Emission Unit: 1-00004

Process: GDR

Source Classification Code: 3-05-008-07

Process Description:

three (3) general dryers and one (1) screen wash-off booth.

Emission Source/Control: 06701 - Process

Emission Source/Control: 06901 - Process

Emission Source/Control: 40301 - Process

Emission Source/Control: 40401 - Process

Item 30.5:

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

Emission Unit: 1-00005

Process: RDR

Source Classification Code: 3-05-008-07

Process Description:

THE THREE (3) NATURAL GAS FIRED DRYERS WHICH COMPRISE EMISSION UNIT NO. 5 ARE USED TO DRY VARIOUS DINNERWARE SHAPES WHICH HAVE BEEN FORMED OUT OF MOIST CLAY. IN ALL THREE (3) OF THESE WARE DRYERS, MINERAL SPIRITS IS SPRAYED ONTO A METAL TOOL TO LUBRICATE THE CLAY SYSTEM, ACTING AS A RELEASE AGENT. THE EXHAUST CONSTITUENTS INCLUDE PRIMARILY PRODUCTS OF NATURAL GAS COMBUSTION, ALONG WITH SOME OF THE MINERAL SPIRITS SPRAYED ONTO THE WARE AND METAL TOOLING.

Emission Source/Control: 11901 - Process

Design Capacity: 1.85 million Btu per hour

Emission Source/Control: 12001 - Process

Design Capacity: 0.8 million Btu per hour

Emission Source/Control: 12101 - Process

Design Capacity: 1.2 million Btu per hour

Emission Source/Control: 12701 - Process

Design Capacity: 0.8 million Btu per hour

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Item 30.6:

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

Emission Unit: 1-00006

Process: WSC

Source Classification Code: 3-09-060-01

Process Description:

THE SIX (6) SPRAY BOOTHS AND SIX (6) WET SCRUBBERS WHICH COMPRISE EMISSION UNIT NO. 6 ARE USED TO SPRAY AN AQUEOUS SUSPENSION OF GLAZE MATERIAL ONTO UNFINISHED DINNERWARE. THE SPRAY BOOTHS CAPTURE THE OVERSPRAY, WHICH IS COLLECTED IN THE WET SCRUBBER FOR RECYCLE TO THE PROCESS. THE SIX (6) SYSTEMS DIFFER IN THE TYPE OF GLAZE APPLIED. FIVE (5) OF THE SIX SYSTEMS HEAT THE WARE AS PART OF THE GLAZE APPLICATIONS PROCESS. ACCORDINGLY, THE EXHAUST FROM THE WET SCRUBBERS CONTAINS SMALL QUANTITIES OF THE FOLLOWING MATERIALS: FOUR (4) SYSTEMS; LEAD, SILICA, PARTICULATES, AND PRODUCTS OF NATURAL GAS COMBUSTION. ONE (1) SYSTEM; PARTICULATES AND PRODUCTS OF NATURAL GAS COMBUSTION. ONE (1) SYSTEM; SILICA AND PARTICULATES.

Emission Source/Control: 18102 - Control
Control Type: WET SCRUBBER

Emission Source/Control: 18502 - Control
Control Type: WET SCRUBBER

Emission Source/Control: 18702 - Control
Control Type: WET SCRUBBER

Emission Source/Control: 18902 - Control
Control Type: WET SCRUBBER

Emission Source/Control: 44502 - Control
Control Type: WET SCRUBBER

Emission Source/Control: 44602 - Control
Control Type: WET SCRUBBER

Emission Source/Control: 18101 - Process

Emission Source/Control: 18501 - Process

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Emission Source/Control: 18701 - Process

Emission Source/Control: 18901 - Process

Emission Source/Control: 44501 - Process

Emission Source/Control: 44601 - Process

Item 30.7:

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

Emission Unit: 1-00007

Process: TNV

Source Classification Code: 3-05-008-07

Process Description:

THE TWO (2) STEAM HEATED DRYERS WHICH COMPRISE EMISSION UNIT NO. 7 ARE USED TO DRY VARIOUS DINNERWARE SHAPES WHICH HAVE BEEN FORMED OUT OF MOIST CLAY. IN BOTH OF THESE WARE DRYERS, MINERAL SPIRITS IS SPRAYED ONTO A METAL TOOL TO LUBRICATE THE CLAY SYSTEM , ACTING AS A RELEASE AGENT. THE ONLY EXHAUST AIR CONTAMINANT IS A PORTION OF THE MINERAL SPIRITS SPRAYED ONTO THE WARE AND METAL TOOLING.

Emission Source/Control: 10101 - Process

Emission Source/Control: 15901 - Process

Item 30.8:

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

Emission Unit: 1-00008

Process: HTG

Source Classification Code: 1-02-006-02

Process Description:

THE TWO (2) STEAM BOILERS WHICH COMPRISE EMISSION UNIT NO. 8 ARE USED TO GENERATE STEAM FOR PROCESS HEAT, AND FOR FACILITY HEATING DURING THE WINTER. ONLY ONE (1) BOILER RUNS AT A TIME. THE SECOND BOILER SERVES AS A BACKUP. THESE BOILERS ARE FIRED WITH NATURAL GAS. THE FACILITY ALSO HAS PROPANE AS A BACKUP FUEL SOURCE, SHOULD THERE BE A GAS OUTAGE. THE EXHAUST GAS CONSTITUENTS THEREFORE ARE PRODUCTS OF

NATURAL GAS COMBUSTION.

New York State Department of Environmental Conservation

Permit ID: 7-3148-00087/00089

Facility DEC ID: 7314800087



Emission Source/Control: 44001 - Combustion
Design Capacity: 38.542 million Btu per hour

Item 30.9:

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

Emission Unit: 1-00009

Process: BSM

Source Classification Code: 3-09-060-01

Process Description:

THE ONE (1) SPRAY BOOTH AND ONE (1) BAFFLE SYSTEM WHICH COMPRISE EMISSION UNIT NO. 9 ARE USED TO SPRAY ON AQUEOUS SUSPENSION OF GLAZE MATERIALS ONTO UNHEATED, UNFINISHED DINNERWARE. THE SPRAY BOOTH IS FULLY ENCLOSED AND IS EXHAUSTED THROUGH THE BAFFLE S YSTEM AT THE BACK OF THE BOOTH. THE EXHAUST FROM THE BOOTH CONTAINS SMALL QUANTITIES OF LEAD, SILICA, AND PARTICULATES, ALL OF WHICH ARE COMPONENTS OF THE GLAZE FORMULATION.

Emission Source/Control: 10202 - Control
Control Type: BAFFLE

Emission Source/Control: 10201 - Process

Item 30.10:

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

Emission Unit: 1-00010

Process: GLD

Source Classification Code: 3-09-060-02

Process Description:

THE SIX (6) MANUAL BURNISHING STATIONS (1C, 1D, 1E, 1G, 1H, AND 1I), TWO AUTOMATIC BURNISHING STATIONS, AND GOLD LINING STATION WHICH COMPRISE EMISSION UNIT NO. 10 ARE USED TO REMOVE MINOR IMPERFECTIONS FROM THE SURFACE OF DINNERWARE, AND TO PLACE A DECOR ATIVE GOLD LINE AROUND THE EDGE OF THE DINNERWARE, RESPECTIVELY. THE EXHAUST CONSTITUENTS INCLUDE PARTICULATES FROM THE BURNISHING OPERATIONS, AND SOLVENT FUMES FROM THE GOLD PAINT USED AT THE GOLD LINING STATION.

Emission Source/Control: 16401 - Process

New York State Department of Environmental Conservation

Permit ID: 7-3148-00087/00089

Facility DEC ID: 7314800087



Item 30.11:

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

Emission Unit: 1-00011

Process: NSB

Source Classification Code: 3-09-060-01

Process Description:

THE ONE (1) SPRAY BOOTH AND ONE (1) BAFFLE AND WATER CURTAIN SYSTEMS WHICH COMPRISE EMISSION UNIT NO. 11 ARE USED TO SPRAY AN AQUEOUS SUSPENSION OF GLAZE MATERIAL ONTO HEATED, UNFINISHED DINNERWARE. THE SPRAY BOOTH CAPTURES THE OVERSPRAY, WHICH IS COLLECTED BY THE BAFFLE AND WATER CURTAIN SYSTEM FOR RECYCLE TO THE PROCESS. THE EXHAUST FROM THE WATER CURTAIN CONTAINS SMALL QUANTITIES OF LEAD, SILICA, AND PARTICULATES, ALL OF WHICH ARE COMPONENTS OF THE GLAZE FORMULATION. THE EXHAUST ALSO CONTAINS PRODUCTS OF NATURAL GAS COMBUSTION.

Emission Source/Control: 44402 - Control

Control Type: WATER CURTAIN

Emission Source/Control: 44401 - Process

Item 30.12:

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

Emission Unit: 1-00012

Process: BMH

Source Classification Code: 3-01-014-32

Process Description:

THE SEVERAL BALL MILLS AND ASSOCIATED HEPA FILTER WHICH COMPRISE EMISSION UNIT NO. 12 ARE USED TO GRIND AND BLEND PIGMENTS IN THE COLOR PREPARATION AREA. AIR COLLECTED FROM SEVERAL LOCATIONS IN THE AREA IS FILTERED THROUGH THE HEPA FILTER, AND EXHAUSTED BACK TO THE ROOM (WINTER, SPRING, AND FALL) OR TO THE PLANT EXTERIOR (SUMMER ONLY). THE ONLY EXHAUST GAS CONSTITUENT IS PARTICULATE MATTER.

Emission Source/Control: 38802 - Control

Control Type: HIGH EFFICIENCY PARTICULATE AIR FILTER

New York State Department of Environmental Conservation
Permit ID: 7-3148-00087/00089 Facility DEC ID: 7314800087



Emission Source/Control: 38801 - Process