

**New York State Department of Environmental Conservation**  
**Facility DEC ID: 5170500085**



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

**IDENTIFICATION INFORMATION**

Permit Type: Air State Facility  
Permit ID: 5-1705-00085/00002  
Effective Date: 07/26/2001      Expiration Date: No expiration date

Permit Issued To: ROBISON & SMITH INC  
335 NORTH MAIN ST  
GLOVERSVILLE, NY 12078-1627

Contact: RICHARD C SMITH  
ROBISON AND SMITH  
335 NORTH MAIN ST  
GLOVERSVILLE, NY 12078  
(518) 725-7181

Facility: PROFESSIONAL LAUNDERERS & DRYCLEANERS  
335 NORTH MAIN ST  
GLOVERSVILLE, NY 12078

**Description:**

This is a laundry and dry cleaning facility. Dry cleaning is done with petroleum solvent. There are two boilers used to heat process fluids:

The older Orr & Sembower boiler is to be kept as a natural gas fired backup for the newer Kewanee boiler which is being converted to wood fire by adding a Chiptec wood gasifier.

The Kewanee boiler with Chiptec wood gasifier is subject to NSPS reporting and recordkeeping requirements under 40 CFR 48c(g).

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: WALTER L HAYNES  
DIVISION OF ENVIRONMENTAL PERMITS  
232 HUDSON ST, PO BOX 220  
WARRENSBURG, NY 12885-0220

Authorized Signature: \_\_\_\_\_ Date: \_\_\_\_ / \_\_\_\_ / \_\_\_\_

FINAL



**Notification of Other State Permittee Obligations**

**Item A: Permittee Accepts Legal Responsibility and Agrees to Indemnification**

The permittee expressly agrees to indemnify and hold harmless the Department of Environmental Conservation of the State of New York, its representatives, employees, and agents ("DEC") for all claims, suits, actions, and damages, to the extent attributable to the permittee's acts or omissions in connection with the permittee's undertaking of activities in connection with, or operation and maintenance of, the facility or facilities authorized by the permit whether in compliance or not in compliance with the terms and conditions of the permit. This indemnification does not extend to any claims, suits, actions, or damages to the extent attributable to DEC's own negligent or intentional acts or omissions, or to any claims, suits, or actions naming the DEC and arising under article 78 of the New York Civil Practice Laws and Rules or any citizen suit or civil rights provision under federal or state laws.

**Item B: Permittee's Contractors to Comply with Permit**

The permittee is responsible for informing its independent contractors, employees, agents and assigns of their responsibility to comply with this permit, including all special conditions while acting as the permittee's agent with respect to the permitted activities, and such persons shall be subject to the same sanctions for violations of the Environmental Conservation Law as those prescribed for the permittee.

**Item C: Permittee Responsible for Obtaining Other Required Permits**

The permittee is responsible for obtaining any other permits, approvals, lands, easements and rights-of-way that may be required to carry out the activities that are authorized by this permit.

**Item D: No Right to Trespass or Interfere with Riparian Rights**

This permit does not convey to the permittee any right to trespass upon the lands or interfere with the riparian rights of others in order to perform the permitted work nor does it authorize the impairment of any rights, title, or interest in real or personal property held or vested in a person not a party to the permit.



**LIST OF CONDITIONS**

**DEC GENERAL CONDITIONS**

**General Provisions**

Facility Inspection by the Department

Relationship of this Permit to Other Department Orders and Determinations

Applications for Permit Renewals and Modifications

Permit Modifications, Suspensions, and Revocations by the Department

**Facility Level**

Submission of Applications for Permit Modification or Renewal -REGION 5  
SUBOFFICE



**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**

**New York State Department of Environmental Conservation**  
**Facility DEC ID: 5170500085**



**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 5**  
**SUBOFFICE**  
**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 5 Sub-office  
Division of Environmental Permits  
232 Hudson St, PO Box 220  
Warrensburg, NY 12885-0220  
(518) 623-1281



**New York State Department of Environmental Conservation**

**Permit ID: 5-1705-00085/00002**

**Facility DEC ID: 5170500085**

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

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

**IDENTIFICATION INFORMATION**

Permit Issued To: ROBISON & SMITH INC

335 NORTH MAIN ST

GLOVERSVILLE, NY 12078-1627

Facility:

PROFESSIONAL LAUNDERERS & DRYCLEANERS

335 NORTH MAIN ST

GLOVERSVILLE, NY 12078

Authorized Activity By Standard Industrial Classification Code:

7211 - POWER LAUNDRIES, FAMILY &

**New York State Department of Environmental Conservation**

**Permit ID: 5-1705-00085/00002**

**Facility DEC ID: 5170500085**



**LIST OF CONDITIONS**

**FEDERALLY ENFORCEABLE CONDITIONS**

**Facility Level**

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

**Emission Unit Level**

**EU=1-02001,Proc=B02**

- 15 6NYCRR 227-1.2(a)(4): Interpolation method for standards of particulate matter from solid fuel firing equipment.
- 18 6NYCRR 227-1.2(a)(4): Compliance Demonstration
- 16 6NYCRR 227-1.3(a): Compliance Demonstration
- 17 40CFR 60.48c(g), NSPS Subpart Dc: Compliance Demonstration

**EU=1-02001,EP=00001**

- 19 6NYCRR 211.3: Compliance Demonstration

**STATE ONLY ENFORCEABLE CONDITIONS**

**Facility Level**

- 20 6NYCRR 201-5: General Provisions
- 21 6NYCRR 201-5: Permit Exclusion Provisions
- 22 6NYCRR 201-5: Emission Unit Definition
- 23 6NYCRR 201-5.3(b): Contaminant List
- 24 6NYCRR 211.2: Air pollution prohibited

**Emission Unit Level**

- 25 6NYCRR 201-5: Emission Point Definition By Emission Unit
- 26 6NYCRR 201-5: Process Definition By Emission Unit

**COMMERCIAL**

Permit Effective Date: 07/26/2001

Permit Expiration Date: No expiration date.

**New York State Department of Environmental Conservation**  
**Permit ID: 5-1705-00085/00002      Facility DEC ID: 5170500085**



**New York State Department of Environmental Conservation**

**Permit ID: 5-1705-00085/00002**

**Facility DEC ID: 5170500085**



**FEDERALLY ENFORCEABLE CONDITIONS**

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

**Condition 14: Open Fires Prohibited at Industrial and Commercial Sites**  
**Effective between the dates of 07/26/2001 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 215**

**Item 14.1:**

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.

**Condition 3: Maintenance of equipment**  
**Effective between the dates of 07/26/2001 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.

**Condition 7: Recycling and Salvage**  
**Effective between the dates of 07/26/2001 and Permit Expiration Date**

**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 07/26/2001 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 10: Proof of Eligibility**  
**Effective between the dates of 07/26/2001 and Permit Expiration Date**



**New York State Department of Environmental Conservation**

**Permit ID: 5-1705-00085/00002**

**Facility DEC ID: 5170500085**

**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**

**Effective between the dates of 07/26/2001 and Permit Expiration Date**

**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: Required emissions tests**

**Effective between the dates of 07/26/2001 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 202-1.1**

**Item 12.1:**

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 13: Visible emissions limited.**

**Effective between the dates of 07/26/2001 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 211.3**

**Item 13.1:**

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-

**New York State Department of Environmental Conservation**

**Permit ID: 5-1705-00085/00002**

**Facility DEC ID: 5170500085**



minute period per hour of not more than 57 percent opacity.

**Condition 1: Sealing**

**Effective between the dates of 07/26/2001 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 07/26/2001 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 4: Unpermitted Emission Sources**

**Effective between the dates of 07/26/2001 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.

**New York State Department of Environmental Conservation**

**Permit ID: 5-1705-00085/00002**

**Facility DEC ID: 5170500085**



(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 07/26/2001 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 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 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.



**New York State Department of Environmental Conservation**

**Permit ID: 5-1705-00085/00002**

**Facility DEC ID: 5170500085**

**Condition 6: Emergency Defense**

**Effective between the dates of 07/26/2001 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 9: Public Access to Recordkeeping**

**Effective between the dates of 07/26/2001 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.

**New York State Department of Environmental Conservation**

**Permit ID: 5-1705-00085/00002**

**Facility DEC ID: 5170500085**



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

**Condition 15: Interpolation method for standards of particulate matter from solid fuel firing equipment.**  
**Effective between the dates of 07/26/2001 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 227-1.2(a)(4)**

**Item 15.1:**

This Condition applies to Emission Unit: 1-02001  
Process: B02

**Item 15.2:**

The following equation shall be used to determine the applicable particulate matter emission rate for a stationary combustion installations with a total heat input between 10-10,000 mmBtu/hr:

$$E = 1.0/p^{0.22}$$

where:

E = permissible emission rate in lb/million Btu

p = total heat input in mmBtu/hr.

**Condition 18: Compliance Demonstration**  
**Effective between the dates of 07/26/2001 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 227-1.2(a)(4)**

**Item 18.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: 1-02001  
Process: B02

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

**Item 18.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Any stationary combustion installation that is not subject to 6NYCRR section 227-1.2(b)(3), and is burning any of the following three fuels:

1. coal and/or wood;
2. coke;
3. or any solid fuel derived from coal

**New York State Department of Environmental Conservation**

**Permit ID: 5-1705-00085/00002**

**Facility DEC ID: 5170500085**



must limit particulate emissions into the outdoor atmosphere to meet the permissible emission rates specified in Table 1 of 6NYCRR Subpart 227-1.2(b).

Manufacturer Name/Model Number: 15.5 mmBtu/hr Kewanee boiler with Chiptec wood gasifier

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.55 pounds per million Btus

Reference Test Method: Method 5 (40CFR60)

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 16: Compliance Demonstration**

**Effective between the dates of 07/26/2001 and Permit Expiration Date**

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

**Item 16.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: 1-02001

Process: B02

**Item 16.2:**

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.

Manufacturer Name/Model Number: Kewanee Boiler # NB 49182 #NY 15548 and Chiptec Wood Gasifier

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY



**New York State Department of Environmental Conservation**

**Permit ID: 5-1705-00085/00002**

**Facility DEC ID: 5170500085**

**Condition 17: Compliance Demonstration**

**Effective between the dates of 07/26/2001 and Permit Expiration Date**

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

**Item 17.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: 1-02001

Process: B02

**Item 17.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of an affected facility shall record and maintain records of the amounts of each fuel combusted during each day.

Monitoring Frequency: DAILY

Averaging Method: AVERAGING METHOD - SEE MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 19: Compliance Demonstration**

**Effective between the dates of 07/26/2001 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 211.3**

**Item 19.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: 1-02001 Emission Point: 00001

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

**Item 19.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

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



**New York State Department of Environmental Conservation**

**Permit ID: 5-1705-00085/00002**

**Facility DEC ID: 5170500085**

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.

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

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**New York State Department of Environmental Conservation**

**Permit ID: 5-1705-00085/00002**

**Facility DEC ID: 5170500085**



**STATE ONLY ENFORCEABLE CONDITIONS**

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

**Condition 20: General Provisions**

**Effective between the dates of 07/26/2001 and Permit Expiration Date**

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

**Item 20.1:**

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 20.2:**

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 20.3:**

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.

**Condition 21: Permit Exclusion Provisions**

**Effective between the dates of 07/26/2001 and Permit Expiration Date**

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

**Item 21.1:**

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 currently pending or future legal, administrative or equitable rights or claims, actions, suits, causes of action or demands whatsoever that the Department may have against the Applicant including, but not limited to, any enforcement action authorized pursuant to the provisions of applicable federal law, the Environmental Conservation Law of the State of New York (ECL) and Chapter III of the Official Compilation of the Codes, Rules and Regulations of the State of New York (NYCRR).

The issuance of this permit by the Department and the receipt thereof by the Applicant does not supersede, revoke or rescind an order or modification thereof on consent or determination by the Commissioner issued heretofore by the Department or any of the terms, conditions or requirements

**New York State Department of Environmental Conservation**

**Permit ID: 5-1705-00085/00002**

**Facility DEC ID: 5170500085**



contained in such order or modification thereof unless specifically intended by this permit.

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 the right of the Department to bring any future action, or pursue any pending action, either administrative or judicial, to required remediation, contribution for costs incurred or funds expended, for any violations, past, present or future, known or unknown, of applicable federal law, the ECL, or the rules and regulations promulgated thereunder, or conditions contained in any other licenses or permits issued to the Applicant and not addressed in this permit.

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 the right of the Department to pursue any claims for natural resource damages against the Applicant.

**Condition 22: Emission Unit Definition**

**Effective between the dates of 07/26/2001 and Permit Expiration Date**

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

**Item 22.1:**

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

Emission Unit: 1-02001

Emission Unit Description:

The emission unit consists of laundry and petroleum dry cleaning processes and 2 boilers: one gas fired backup boiler and one existing boiler which is being converted from natural gas to gasified wood fuel. A close-coupled wood chip gasifier is connected to an existing boiler. The gasifier converts clean wood waste into a combustible gas that is fully combusted in the furnace tube of the boiler (see attached "how the gasifier works").

**Condition 23: Contaminant List**

**Effective between the dates of 07/26/2001 and Permit Expiration Date**

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

**Item 23.1:**

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

CAS No: 0NY075-00-0

Name: PARTICULATES

**Condition 24: Air pollution prohibited**

**Effective between the dates of 07/26/2001 and Permit Expiration Date**

**New York State Department of Environmental Conservation**

**Permit ID: 5-1705-00085/00002**

**Facility DEC ID: 5170500085**



**Applicable State Requirement: 6NYCRR 211.2**

**Item 24.1:**

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

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

**Condition 25: Emission Point Definition By Emission Unit**

**Effective between the dates of 07/26/2001 and Permit Expiration Date**

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

**Item 25.1:**

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

Emission Unit: 1-02001

Emission Point: 00001

Height (ft.): 30

Diameter (in.): 24

Emission Point: 00002

Height (ft.): 30

Diameter (in.): 24

**Condition 26: Process Definition By Emission Unit**

**Effective between the dates of 07/26/2001 and Permit Expiration Date**

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

**Item 26.1:**

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

Emission Unit: 1-02001

Process: B01

Process Description:

300 hp Natural gas boiler mfg in 1970 by

Orr & Sembower #NB 27560, NY# 1304.

Emission Source/Control: 00001 - Combustion

Design Capacity: 300 horsepower (boiler)



**New York State Department of Environmental Conservation**

**Permit ID: 5-1705-00085/00002**

**Facility DEC ID: 5170500085**

**Item 26.2:**

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

Emission Unit: 1-02001

Process: B02

Process Description:

15,500 mmBtu/hr heat input gasified wood fired boiler  
connected to a close-coupled wood chip gasifier. Control  
is a multi-cyclone particulate collector.

Emission Source/Control: 00002 - Combustion

Design Capacity: 15.5 million Btu per hour

Emission Source/Control: 0002A - Control

Control Type: MULTIPLE CYCLONE W/O FLY ASH INJECTION

**Item 26.3:**

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

Emission Unit: 1-02001

Process: D01

Process Description:

Petroleum dry cleaning process with refrigerated  
condenser emission control.

Emission Source/Control: 20200 - Control

Control Type: REFRIGERATED CONDENSER

Emission Source/Control: 20100 - Process