

American Tissue Mills of Maine, L.L.C.)
Kennebec County)
Augusta, Maine)
A-195-70-A-I)

Department
Findings of Fact and Order
Part 70 Air Emission License

After review of the Initial Part 70 License application, staff investigation reports and other documents in the applicant's file in the Bureau of Air Quality, pursuant to 38 M.R.S.A, Section 344 and Section 590, the Department finds the following facts:

I. REGISTRATION

A. Introduction

FACILITY	American Tissue Mills of Maine, L.L.C. (AT)
LICENSE NUMBER	A-195-70-A-I
LICENSE TYPE	Initial Part 70 License
NAICS CODES	322121
NATURE OF BUSINESS	Paper Mill
FACILITY LOCATION	Augusta, Maine
DATE OF LICENSE ISSUANCE	December 23, 2002
LICENSE EXPIRATION DATE	December 23, 2007

B. Emission Equipment

The following emission units are addressed by this Part 70 License:

EMISSION UNIT ID	UNIT CAPACITY	UNIT TYPE
Boiler #3	75 MMBtu/hr	Fuel Burning #6 oil, waste oil
Boiler #4	64 MMBtu/hr	Fuel Burning #6 oil, waste oil
Boiler #5	95 MMBtu/hr	Fuel Burning #6 oil, waste oil
Pulp Prep De-Inking	350 tons per day*	Process Equipment
Paper Machine #2	72 tons tissue per day*	Process Equipment
Paper Machine #3	50 tons tissue per day*	Process Equipment
#6 Oil Storage Tank	50,000 gallons	Process Equipment
Machine Parts Degreaser	100 gallons	Process Equipment

*nominal capacity - not to be considered a process limit

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AT has additional insignificant activities which do not need to be listed in the emission equipment table above. The list of insignificant activities can be found in the Part 70 license application and in Appendix B of Chapter 140 of the Department's Regulations.

C. Application Classification

The application for AT does not include the licensing of increased emissions or the installation of new or modified equipment, therefore the license is considered to be an Initial Part 70 License issued under Chapter 140 of the Department's regulations for a Part 70 source.

II. EMISSION UNIT DESCRIPTION

A. Process Description

AT receives wastepaper rejects from printers and wastepaper brokers. The wastepaper is stored, then repulped, de-inked and screened. The pulp is then brightened and screened again, at which point it is put on the paper machines to produce tissue paper for sale on bulk rolls.

AT operates three boilers that produce steam for the repulping and papermaking processes, and two paper machines.

B. Boilers #3, #4 and #5

Boiler #3 was manufactured by Wickes with a design capacity of 75 MMBtu/hr. Boiler #3 was installed in 1951, prior to the New Source Performance Standards (NSPS) applicability date for Subpart Dc.

Boiler #4 was manufactured by Babcock and Wilcox with a design capacity of 64 MMBtu/hr. Boiler #4 was installed in 1947, prior to the NSPS applicability date for Subpart Dc.

Boiler #5 was manufactured by Combustion Engineering in 1955 with a design capacity of 95 MMBtu/hr. Boiler #5 was manufactured in 1955 and relocated to AT from off-site in 1984 and is therefore not subject to NSPS Subpart Dc.

Boilers #3, #4 and #5 are licensed to fire #6 fuel oil including specification waste oil generated on-site as well as specification waste oil generated at other locations. The maximum sulfur content of the oil being fired shall not exceed 2.0% by weight. Emissions from boilers #3, #4 and #5 exhaust to a common 213 foot stack.

Streamlining

Opacity

AT accepts streamlining for opacity requirements. Chapter 101, Section 2(D) of the Department's regulations and Best Practical Treatment (BPT) requirements are applicable. The Best Practical Treatment (BPT) opacity limit is more stringent. Therefore, only the more stringent BPT opacity limit is included in this license.

Particulate Matter

AT accepts streamlining for particulate matter requirements. Chapter 103 of the Department's regulations and BPT requirements are applicable. The Best Practical Treatment (BPT) particulate matter limit is more stringent. Therefore, only the more stringent BPT particulate matter limit is included in this license.

Periodic Monitoring

Periodic monitoring shall consist of recordkeeping which includes fuel use records on a calendar month and 12 month rolling average, and fuel analysis records.

C. Paper Machines #2 and #3

Paper Machine #2 was manufactured by Rice Barton with a process rate of 72 tons of tissue paper per day. Paper Machine #2 was installed in 1928.

Paper Machine #3 was manufactured by Rice Barton with a process rate of 50 tons of tissue paper per day. Paper Machine #3 was installed in 1946.

VOC RACT specifically exempts paper machine area VOC emissions from the calculation of a facility's total VOC emissions. Excluding VOC emissions from the paper machine area, AT does not have the potential to emit 40 tons per year or more of VOC. AT is therefore not subject to VOC RACT.

D. #6 Oil Storage Tank

AT operates one below ground 50,000 gallon fiberglass-clad steel liquid organic material storage tank that is used to store #6 fuel oil and recycled waste oil. The tank was manufactured and installed in 1994 and stores liquid with a vapor pressure of 0.2 mmHg. Due to its size and the low vapor pressure of its contents, the storage tank is not subject to NSPS Subpart Kb for Volatile Organic Liquid Storage Vessels Constructed After July 23, 1984.

E. Machine Parts Degreaser

AT operates one machine parts degreaser which was installed in 1985 with a capacity of 100 gallons of solvent. The degreaser is subject to MEDEP Chapter 130. Within one month of the signature date of this license, AT shall equip the degreaser with a cover that is easily operated with one hand if the solvent has a

true vapor pressure greater than 15 mmHg, comply with the operating standards of Chapter 130 and affix a label to the degreaser summarizing those operational standards. Fresh or spent VOC containing material shall be stored in vapor tight containers.

Periodic Monitoring

Periodic monitoring for the degreaser unit shall consist of recordkeeping required by Chapter 130 including monthly records of solvent added and removed.

III. NOx RACT

A. Operation Below Facility Fuel Use Threshold Level

AT has a facility wide fuel use threshold of 3,000,000 gallons of #6 fuel oil and specification waste oil (based on a 12-month rolling total) which triggers certain NOx RACT requirements. When the mill is operating below this threshold level, its potential to emit for NOx is less than 100 tons per year, and NOx RACT is determined to be compliance with the following for boilers #3, #4 and #5:

- Perform an annual tune-up on each boiler;
- Periodically verify that the oxygen setting remains at the optimal level, and, if the optimal level is found to be substantially higher than the value provided by the manufacturer, improve the fuel/air mix;
- Conduct annual operator training sessions to instruct the operating staff on the best means of minimizing NOx levels by operating at or near minimum excess air levels; and
- Keep records to document tune-up procedures and fuel/air ratios.

Additionally, NOx RACT for boiler #4 includes the following:

- NOx emissions of less than 100 tons per year on a twelve month rolling average basis;
- NOx emissions of less than 20 tons per any calendar month

NOx emissions shall be determined based on the amount of fuel fired and a NOx emission rate of 0.066 lb NOx/gal oil fired.

B. Operation Above Facility Fuel Use Threshold

Upon reaching the 3,000,000 gallon threshold, AT shall reevaluate the current NOx control options along with any new control technology, and submit a report to the Department within 90 days of such evaluation. If at that time any technology is deemed by the Department to be both technically and economically feasible the Department shall require that the technology be implemented.

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1. Boiler #3

Within 120 days of exceeding the facility fuel use threshold AT shall conduct stack testing for NOx on boiler #3.

2. Boiler #5

Within 120 days of exceeding the facility fuel use threshold and 277,250 gallons fired in boiler #5 (on a 12 month rolling total), AT shall conduct stack testing for NOx on boiler #5.

IV. FACILITY EMISSIONS

Facility emissions are based on a facility-wide fuel limit of 10,900,000 gallons/year of #6 fuel oil and waste oil, with the sulfur content of the oil not to exceed 2.0% by weight, and a combined facility heat input limit of 234 MMBtu/hr.

Total Allowable Annual Emissions for the Facility
(used to calculate the license fee)

Pollutant	Tons/Year
PM	122.6
PM ₁₀	122.6
SO ₂	1717.8
NO _x	359.7
CO	32.7
VOC	1.7

V. AIR QUALITY ANALYSIS

AT previously submitted an ambient air quality analysis demonstrating that emissions from the facility, in conjunction with all other sources, do not violate ambient air quality standards. An additional ambient air quality analysis is not required for this Initial Part 70 License.

ORDER

Based on the above Findings and subject to conditions listed below, the Department concludes that emissions from this sources:

- will receive Best Practical Treatment;
- will not violate applicable emissions standards
- will not violate applicable ambient air quality standards in conjunction with emissions from other sources.

The Department hereby grants the Part 70 License A-195-70-A-I pursuant to MEDEP Chapter 140 and the pre-construction permitting requirements of MEDEP Chapter 115 and subject to the standard and special conditions below.

All federally enforceable and State-only enforceable conditions in existing air licenses previously issued to American Tissue Mills of Maine, L.L.C.. pursuant to the Department's pre-construction permitting requirements in Chapters 108 or 115 have been incorporated into this Part 70 license, except for such conditions that MEDEP has determined are obsolete, extraneous or otherwise environmentally insignificant, as explained in the findings of fact accompanying this permit. As such the conditions in this license supercede all previously issued air license conditions.

Federally enforceable conditions in this Part 70 license must be changed pursuant to the applicable requirements in Chapter 115 for making such changes and pursuant to the applicable requirements in Chapter 140.

For each standard and special condition which is state enforceable only, state-only enforceability is designated with the following statement: **Enforceable by State-only.**

Standard Statements

- (1) Approval to construct shall become invalid if the source has not commenced construction within eighteen (18) months after receipt of such approval or if construction is discontinued for a period of eighteen (18) months or more. The Department may extend this time period upon a satisfactory showing that an extension is justified, but may condition such extension upon a review of either the control technology analysis or the ambient air quality standards analysis, or both;
- (2) The Part 70 license does not convey any property rights of any sort, or any exclusive privilege;
- (3) All terms and conditions are enforceable by EPA and citizens under the CAA unless specifically designated as state enforceable.
- (4) The licensee may not use as a defense in an enforcement action that the disruption, cessation, or reduction of licensed operations would have been necessary in order to maintain compliance with the conditions of the air emission license;
- (5) Notwithstanding any other provision in the State Implementation Plan approved by the EPA or Section 114(a) of the CAA, any credible evidence may be used for the purpose of establishing whether a person has violated or is in violation of any statute, regulation, or Part 70 license requirement.

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- (6) Compliance with the conditions of this Part 70 license shall be deemed compliance with any Applicable requirement as of the date of license issuance and is deemed a permit shield, provided that:
- (A) Such Applicable and state requirements are included and are specifically identified in the Part 70 license, except where the Part 70 license term or condition is specifically identified as not having a permit shield; or
 - (B) The Department, in acting on the Part 70 license application or revision, determines in writing that other requirements specifically identified are not applicable to the source, and the Part 70 license includes the determination or a concise summary, thereof.

Nothing in this section or any Part 70 license shall alter or effect the provisions of Section 303 of the CAA (emergency orders), including the authority of EPA under Section 303; the liability of an owner or operator of a source for any violation of Applicable requirements prior to or at the time of permit issuance; or the ability of EPA to obtain information from a source pursuant to Section 114 of the CAA.

The following requirements have been specifically identified as not applicable based upon information submitted by the licensee in an application dated October 22, 1997.

	SOURCE	CITATION	DESCRIPTION	BASIS FOR DETERMINATION
A	Facility	Chapter 123	Paper Coating Regulation	Facility does not apply aqueous or solvent based paper coatings
B	Paper Machines #2 and #3	Chapter 134	VOC RACT	Facility is limited to less than 99.9 tons NO _x /year

- (7) The Part 70 license shall be reopened for cause by the Department or EPA, prior to the expiration of the Part 70 license, if:
- (A) Additional Applicable requirements under the CAA become applicable to a Part 70 major source with a remaining Part 70 license term of 3 or more years. However, no opening is required if the effective date of the requirement is later than the date on which the Part 70 license is due to expire, unless the original Part 70 license or any of its terms and conditions has been extended pursuant to Chapter 140;

- (B) Additional requirements (including excess emissions requirements) become applicable to a Title IV source under the acid rain program. Upon approval by EPA, excess emissions offset plans shall be deemed to be incorporated into the Part 70 license;
- (C) The Department or EPA determines that the Part 70 license contains a material mistake or that inaccurate statements were made in establishing the emissions standards or other terms or conditions of the Part 70 license;
or
- (D) The Department or EPA determines that the Part 70 license must be revised or revoked to assure compliance with the Applicable requirements.

The licensee shall furnish to the Department within a reasonable time any information that the Department may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating the Part 70 license or to determine compliance with the Part 70 license.

- (8) No license revision or amendment shall be required, under any approved economic incentives, marketable licenses, emissions trading and other similar programs or processes for changes that are provided for in the Part 70 license.

Standard Conditions

- (1) Employees and authorized representatives of the Department shall be allowed access to the licensee's premises during business hours, or any time during which any emissions units are in operation, and at such other times as the Department deems necessary for the purpose of performing tests, collecting samples, conducting inspections, or examining and copying records relating to emissions and this license (Title 38 MRSA §347-C);
- (2) The licensee shall acquire a new or amended air emission license prior to commencing construction of a modification, unless specifically provided for in Chapter 140;
- (3) The licensee shall establish and maintain a continuing program of best management practices for suppression of fugitive particulate matter during any period of construction, reconstruction, or operation which may result in fugitive dust, and shall submit a description of the program to the Department upon request;
Enforceable by State-only
- (4) The licensee shall pay the annual air emission license fee to the Department, calculated pursuant to Title 38 MRSA §353.

- (5) The licensee shall maintain and operate all emission units and air pollution control systems required by the air emission license in a manner consistent with good air pollution control practice for minimizing emissions;
Enforceable by State-only
- (6) The licensee shall retain records of all required monitoring data and support information for a period of at least six (6) years from the date of the monitoring sample, measurement, report, or application. Support information includes all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by the Part 70 license. The records shall be submitted to the Department upon written request or in accordance with other provisions of this license;
- (7) The licensee shall comply with all terms and conditions of the air emission license. The submission of notice of intent to reopen for cause by the Department, the filing of an appeal by the licensee, the notification of planned changes or anticipated noncompliance by the licensee, or the filing of an application by the licensee for the renewal of a Part 70 license or amendment shall not stay any condition of the Part 70 license.
- (8) In accordance with the Department's air emission compliance test protocol and 40 CFR Part 60 or other method approved or required by the Department, the licensee shall:
- (A) perform stack testing under circumstances representative of the facility's normal process and operating conditions:
 - (i) within sixty (60) calendar days of receipt of a notification to test from the Department or EPA, if visible emissions, equipment operating parameters, staff inspection, air monitoring or other cause indicate to the Department that equipment may be operating out of compliance with emission standards or license conditions;
 - (ii) to demonstrate compliance with the applicable emission standards;
or
 - (iii) pursuant to any other requirement of this license to perform stack testing.
 - (B) install or make provisions to install test ports that meet the criteria of 40 CFR Part 60, Appendix A, and test platforms, if necessary, and other accommodations necessary to allow emission testing; and

(C) submit a written report to the Department within thirty (30) days from date of test completion.

Enforceable by State-only

(9) If the results of a stack test performed under circumstances representative of the facility's normal process and operating conditions indicates emissions in excess of the applicable standards, then:

(A) within thirty (30) days following receipt of such test results, the licensee shall re-test the non-complying emission source under circumstances representative of the facility's normal process and operating conditions and in accordance with the Department's air emission compliance test protocol and 40 CFR Part 60 or other method approved or required by the Department; and

(B) the days of violation shall be presumed to include the date of stack test and each and every day of operation thereafter until compliance is demonstrated under normal and representative process and operating conditions, except to the extent that the facility can prove to the satisfaction of the Department that there were intervening days during which no violation occurred or that the violation was not continuing in nature; and

(C) the licensee may, upon the approval of the Department following the successful demonstration of compliance at alternative load conditions, operate under such alternative load conditions on an interim basis prior to a demonstration of compliance under normal and representative process and operating conditions. **Enforceable by State-only**

(10) The licensee shall maintain records of all deviations from license requirements. Such deviations shall include, but are not limited to malfunctions, failures, downtime, and any other similar change in operation of air pollution control systems or the emission unit itself that is not consistent with the terms and conditions of the air emission license.

(A) The licensee shall notify the Commissioner within 48 hours of a violation in emission standards and/or a malfunction or breakdown in any component part that causes a violation of any emission standard, and shall report the probable cause, corrective action, and any excess emissions in the units of the applicable emission limitation;

(B) The licensee shall submit a report to the Department on a quarterly basis if a malfunction or breakdown in any component part causes a violation of any emission standard, together with any exemption requests.

Pursuant to 38 MRSA § 349(9), the Commissioner may exempt from civil penalty an air emission in excess of license limitations if the emission occurs during start-up or shutdown or results exclusively from an unavoidable malfunction entirely beyond the control of the licensee and the licensee has taken all reasonable steps to minimize or prevent any emission and takes corrective action as soon as possible. There may be no exemption if the malfunction is caused, entirely or in part, by poor maintenance, careless operation, poor design or any other reasonably preventable condition or preventable equipment breakdown. The burden of proof is on the licensee seeking the exemption under this subsection.

- (C) All other deviations shall be reported to the Department in the facility's semiannual report.
- (11) Upon the written request of the Department, the licensee shall establish and maintain such records, make such reports, install, use, and maintain such monitoring equipment, sample such emissions (in accordance with such methods, at such locations, at such intervals, and in such manner as the Department shall prescribe), and provide other information as the Department may reasonably require to determine the licensee's compliance status.
- (12) The licensee shall submit semiannual reports of any required periodic monitoring. All instances of deviations from Part 70 license requirements must be clearly identified in such reports. All required reports must be certified by a responsible official.
- (13) The licensee shall submit a compliance certification to the Department and EPA at least annually, or more frequently if specified in the applicable requirement or by the Department. The compliance certification shall include the following:
- (A) The identification of each term or condition of the Part 70 license that is the basis of the certification;
 - (B) The compliance status;
 - (C) Whether compliance was continuous or intermittent;
 - (D) The method(s) used for determining the compliance status of the source; currently and over the reporting period; and
 - (E) Such other facts as the Department may require to determine the compliance status of the source.

Specific Conditions

(14) **Boilers #3, #4 and #5**

- (A) Boilers #3, #4 and #5 are licensed to fire #6 fuel oil and waste oil. Boilers #3, #4 and #5 shall not exceed a combined fuel use of 10,900,000 gallons/year, on a 12 month rolling total basis. Compliance shall be demonstrated through fuel use records maintained on a monthly and a twelve month rolling basis. AT shall keep fuel records of the quantity and type of all on and off-site generated waste oil that is burned in Boiler #3, #4 and #5. [MEDEP Chapter 140, BPT] **Enforceable by State-only**
- (B) The sulfur content of the oil fired in Boilers #3, #4 and #5 shall not exceed 2.0% by weight. Compliance shall be demonstrated by fuel use receipts from the supplier or by test results performed on a representative sample of specification waste oil, both within the accuracy of the test methods used. AT shall maintain fuel receipts and test results and keep a log of test results of specification waste oil delivered from off-site. [MEDEP Chapter 106]
- (C) AT shall not combust fuel oil having a sulfur content greater than that of the fuel oil combusted during AT's most recent demonstration of compliance with its licensed particulate emission limits. Upon written notice to the Department, and in accordance with the Bureau of Air Quality Control Air Emission Compliance Test Protocol, AT may perform additional particulate emission testing to demonstrate compliance combusting fuel oil having a sulfur content equal to or less than 2.0%, but under no circumstances shall AT be relieved of its obligation to meet its licensed emission limits. [MEDEP Chapter 140, BPT]
- (D) Emissions from Boilers #3, #4 and #5 shall not exceed the following limits:

Pollutant	lb/MMBtu - total boilers	lb/hour - total boilers
PM	0.15	35.1
PM ₁₀	--	35.1
SO ₂	--	491.7
NO _x	0.44	102.9
CO	--	9.4
VOC	--	0.47

[MEDEP Chapter 140, BPT]

- (E) Compliance with the lb/MMBtu particulate matter limits shall be demonstrated by stack testing performed when AT exceeds the limits in Conditions 15(C) and 15(D) and once every two years thereafter in accordance with Appendix A, Method 5. [MEDEP Chapter 140, BPT]
- (F) Boiler #5 shall not operate alone except for start-up, shut-down or emergency conditions. [MEDEP Chapter 140, BPT] **Enforceable by State-only**
- (G) Visible emissions from Boilers #3, #4 and #5 (stack 1) shall not exceed 30% opacity on a six minute block average basis, except for no more than 2 six minute block averages in a 3 hour period. [MEDEP Chapter 140, BPT]

(15) **NO_x RACT**

- (A) (i) The Department has determined RACT for Boilers #3 and #5 to be an annual tune-up to meet the requirements of an alternative NO_x RACT. Records of such boiler tune-ups shall be kept according to section 3(L)(2) of Chapter 138. Practical minimum excess air levels using the instrumentation and burner hardware are to be established during the initial tune-up. Subsequent boiler tune-ups will be conducted on an annual basis consistent with Chapter 138. Annual operator training sessions are to be conducted to instruct the operating staff on the best means of minimizing NO_x levels by operating at or near the minimum excess air levels.
 - (ii) AT shall conduct annual NO_x emission stack testing on Boilers #3 and #5 in accordance with 40 CFR Part 60 or other methods approved by the Department and EPA, beginning after AT exceeds the fuel use threshold as outlined in Conditions 15(C) and 15(D). The Department shall be notified at least 30 days prior to the scheduled stack test. Following the Department's review and evaluation of two consecutive annual stack test reports, the license shall be amended to incorporate a NO_x emission limit established by the Department to meet the requirements of BPT. AT may apply to amend the license to reduce the frequency of stack testing upon successful compliance demonstration of two consecutive annual stack tests.
- (B) The Department has determined RACT for boiler #4 to be an annual tune-up to meet the requirements of an auxiliary/standby boiler pursuant to Chapter 138 as follows:

- (i) NOx emissions of less than 100 TPY on a 12 month rolling average basis beginning August 1, 1994;
- (ii) NOx emissions of less than 20 tons per calendar month; and
- (iii) An annual boiler tune-up with recordkeeping and reporting requirements as defined by Chapter 138.

Annual and monthly NOx emissions shall be determined through fuel use records maintained on a calendar month and a 12 month rolling average basis, and a NOx emission rate of 0.066 lb NOx/gal oil fired.

- (C) AT shall comply with the NOx RACT requirements for Boiler #3 by January 1, 2000. Within 120 days of exceeding an annual facility-wide fuel use threshold of 3,000,000 gallons (based on a 12 month rolling total), AT shall stack test Boiler #3 for NOx.
 - (D) Within 120 days of exceeding an annual facility-wide fuel use threshold of 3,000,000 gallons (based on a 12 month rolling total) and an operational limit exceeding 5% (277,250 gallons/year), AT shall comply with NOx RACT requirements for Boiler #5.
 - (E) Within six months of exceeding an annual facility-wide fuel use threshold of 3,000,000 gallons (based on a 12 month rolling total), AT shall reevaluate the RACT alternatives described above, along with any new control technologies, and submit a report to the Department within 90 days of such evaluation. If at that time any technology is deemed by the Department to be both technically and economically feasible the Department shall require that the technology be implemented.
[MEDEP Chapter 138, NOx RACT]
- (16) **Parts Washer**
The parts washer is subject to the requirements of MEDEP Chapter 130. AT shall label the parts washer with operational standards, equip the washer with a cover if the vapor pressure exceeds 15 mmHG at 100°F, close the cover when not in use, drain parts for 15 seconds or longer, not degrease porous material, keep drafts less than 40 m/minute, repair leaks, and keep records of solvent added and removed.
[MEDEP Chapter 130] **Enforceable by State-only**
- (17) **Waste Oil**
The waste oil to be burned shall meet the following criteria for specification waste oil (generated on or off-site):
[MEDEP Chapter 140, BPT]

- (A) Specification Waste Oil
Specification waste oil is defined as waste oil that meets all of the following standards, that does not otherwise exhibit hazardous waste characteristics, and that has not been mixed with a hazardous waste:

Constituent/Property	Allowable Level ^a
Arsenic	5.0 ppm maximum
Cadmium	2.0 ppm maximum
Chromium	10 ppm maximum
Lead	100 ppm maximum
Polychlorinated Biphenyls (PCBs)	10 ppm maximum
Total Halogens	1,000 ppm maximum
Flash Point	100 °F minimum

^aConcentrations are in parts per million on a dry weight basis, values for metals are for total metal concentration, not EP Toxic concentration.

- (B) A log shall be kept recording the following for the specification waste oil burned in each of the Boilers #3, #4 and #5:
- (i) quantity;
 - (ii) type (on or off site generated)
 - (iii) sulfur content (NOTE: The sulfur content shall be documented by purchase records from the supplier or by test results performed on a representative sample of onsite generated specification or off-specification waste oil, both within the accuracy of the test methods used); and
 - (iv) the manifest records for waste oil that is generated off-site.
- These logs shall be made available to the Department upon request.

(18) **Recordkeeping Requirements**

AT shall maintain records of the following information for a period of at least 6 years: [MEDEP Chapter 121]

- (A) The calendar date of each record;
- (B) The test reports documenting the results of performance tests conducted to determine compliance with the particulate matter emission limits from boilers #3, #4 and #5.
- (C) Monthly records of #6 fuel oil and waste oil use. Fuel use records shall indicate the quantity of fuel consumed and the percent (%) sulfur content of the fuel by weight through fuel receipts for the # fuel oil as specified in Condition 18(B) for on- and off-site generated specification waste oil. [MEDEP Chapter 140, BPT]

- (19) AT shall notify the Department within 48 hours and submit a report to the Department on a quarterly basis if a malfunction or breakdown in any component causes a violation of any emission standard (Title 38 MRSA §605-C).

(20) **Semiannual Reporting**

The licensee shall submit semiannual reports every six months to the Bureau of Air Quality. The semiannual reports are due January 30th and July 30th, beginning with the nearest July following the signature of the license. [MEDEP Chapter 140]

- (A) Each semiannual report shall include a summary of the periodic monitoring required by this license.
- (B) All instances of deviations from license requirements and the corrective action taken must be clearly identified and provided to the Department in summary form for each six-month interval.
- (C) All reports shall be submitted as paper copy, postmarked on or before the required submittal dates, and maintained on-site as a paper copy for a period of 6 years.

(21) **Annual Compliance Certification**

The licensee shall submit an annual compliance certification to the Department in accordance with Standard Condition (13) of this license. The initial annual compliance certification is due January 30, 2004. [MEDEP Chapter 140]

(22) **Annual Emission Statement**

In accordance with MEDEP Chapter 137, the licensee shall annually report to the Department the information necessary to accurately update the State's emission inventory by means of:

- (A) A computer program and accompanying instructions supplied by the Department; or
- (B) A written emission statement containing the information required in MEDEP Chapter 137.

Reports and questions should be directed to:

Attn: Criteria Emission Inventory Coordinator
Maine DEP
Bureau of Air Quality
17 State House Station
Augusta, ME 04333-0017

Phone: (207) 287-2437

The emission statement must be submitted by September 1.

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- (23) The licensee is subject to the State regulations listed below.

<u>Origin and Authority</u>	<u>Requirement Summary</u>	<u>Enforceability</u>
Chapter 102	Open Burning	-
Chapter 109	Emergency Episode Regulation	-
Chapter 110	Ambient Air Quality Standard	-
Chapter 116	Prohibited Dispersion Techniques	-
38 M.R.S.A. Section 3 §585-B, sub-§5	Reduce Mercury Use and Emissions	Enforceable by State-only

(24) **Units Containing Ozone Depleting Substances**

When repairing or disposing of units containing ozone depleting substances, the licensee shall comply with the standards for recycling and emission reduction pursuant to 40 CFR Part 82, Subpart F, except as provided for motor vehicle air conditioning units in Subpart B. An example of such units include refrigerators and any size air conditioner that contain CFCs.

[40 CFR, Part 82, Subpart F]

(25) **Certification by a Responsible Official**

All reports (including quarterly reports, semiannual reports, and annual compliance certifications) required by this license to be submitted to the Bureau of Air Quality must be signed by a responsible official. [MEDEP Chapter 140]

- (26) AT shall pay the annual air emission license fee within 30 days of May 31, 2002 of each year. Pursuant to 38 MRSA §353-A, failure to pay this annual fee in the stated timeframe is sufficient grounds for revocation of the license under 38 MRSA §341-D, subsection 3.

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(27) The term of this license shall be five (5) years from the signature date below.

DONE AND DATED IN AUGUSTA, MAINE THIS _____ DAY OF _____ 2002.

DEPARTMENT OF ENVIRONMENTAL PROTECTION

BY: _____
MARTHA G. KIRKPATRICK, COMMISSIONER

PLEASE NOTE ATTACHED SHEET FOR GUIDANCE ON APPEAL PROCEDURES

Date of initial receipt of application: October 22, 1997

Date of application acceptance: October 27, 1997

Date filed with the Board of Environmental Protection _____

This Order prepared by Rachel E. Pilling, Bureau of Air Quality.