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|---|---|---|
| **Tambrands, Inc.** | **)** | **Departmental** |
| **Androscoggin County** | **)** | **Findings of Fact and Order** |
| **Auburn, Maine** | **)** | **Air Emission License** |
| **A-44-71-P-R** | **)** | |

After review of the air emissions license renewal 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

1. Tambrands, Inc. (Tambrands) of Auburn, Maine has applied to renew its air emission license permitting the operation of emission sources associated with their Auburn, Maine sanitary paper products manufacturing facility.

2. Tambrands has also requested that their air emissions license be amended to address ongoing equipment changes that have not been addressed in the facility's previous air emission licenses.

B. Emission Equipment

Tambrands is authorized to operate the following equipment:

**Fuel Burning Equipment**

| Equipment | Maximum Capacity (MMBtu/hr) | Maximum Firing Rate (gal/hr) | Fuel Type, % Sulfur | Date of Manufacture | Stack # |
|---|---|---|---|---|---|
| Boiler #1 | 6.3 | 42.0 | #4 Fuel oil, 1.0%S | 1967 | 1 |
| Boiler #2 | 6.3 | 42.0 | #4 Fuel oil, 1.0%S | 1967 | 1 |
| Boiler #3 | 6.3 | 42.0 | #4 Fuel oil, 1.0%S | 1973 | 2 |
| Boiler #4 | 6.3 | 42.0 | #4 Fuel oil, 1.0%S | 1973 | 2 |
| Boiler #5 | 6.3 | 42.0 | #4 Fuel oil, 1.0%S | 1973 | 2 |

**Electrical Generation Equipment**

| Equipment | Maximum Capacity (MMBtu/hr) | Maximum Firing Rate (gal/hr) | Fuel Type, % Sulfur | Stack # |
|---|---|---|---|---|
| Generator #2 | 6.1 | 44.5 | #2 Fuel oil, 0.05%S | 4 |
| Fire Pump #1 | 1.8 | 14.2 | #2 Fuel oil, 0.05%S | 10 |
| Fire Pump #2 | 1.8 | 14.2 | #2 Fuel oil, 0.05%S | 11 |

**Process Equipment**

| Equipment | Maximum Raw Material Process Rate | Control Device | Stack # |
|---|---|---|---|
| Fiber Processing Line #4 | 26.9 tons/hr | 2-Stage air handling equipment; dust filter & baghouse | 12 |

C. Application Classification

Tambrands is applying to have the facility's Air Emission License renewed. Tambrands is a licensed source with ongoing equipment changes that have not been addressed in the facility's previous air emissions licenses. The license renewal shall include the operation of the new and previously unlisted equipment. Therefore, the application for Tambrands is considered to be a renewal and amendment.

## II. AMENDMENT DESCRIPTION

A. Facility Description

Tambrands of Lewiston, Maine is a leading manufacturer of fine feminine products, the production of which requires the use of adhesive and fragrance additives. Tambrands is considering some process changes, which will result in changes to the facility's air emissions. Tambrands has also requested to amend the current air emission license to correct some changes in equipment and equipment nomenclature in the process equipment air handling system.

B. Boiler Units

Tambrands makes use of 5 boiler units, designated Boilers #1, #2, #3, #4 and #5. Each boiler has a maximum design heat input capacity of 6.3 MMBtu/hr and a maximum firing rate of 42 gallons per hour (gal/hr) firing #4 fuel oil with a sulfur content of no greater than 1.0% sulfur by weight.

Boilers #1 and #2 are Cleaver Brooks boilers manufactured in 1967 and exhaust to a common stack designated Stack #1. Boilers #3, #4 and #5 are Cleaver Brooks boilers manufactured in 1973 and exhaust to a common stack designated Stack #2. All five boilers are below the NSPS de minimus heat input threshold and are therefore not subject to EPA New Source Performance Standards (NSPS) Subpart Dc (Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units applicable to boilers with a heat input of greater than 10 MMBtu/hr and manufactured after June 9, 1989).

Tambrands shall be restricted to firing no greater than 300,000 gallons per year (gal/yr) of #4 fuel oil, with a sulfur content of no greater than 1.0% sulfur by weight, based on a twelve-month rolling total, combined in Boilers #1, #2, #3, #4 and #5.

A summary of the BPT analysis for Boilers #1, #2, #3, #4 and #5 is as follows:

1. BPT sulfur content for the #4 fuel oil fired in the boilers is no greater than 1.0% sulfur by weight.
2. BPT for PM for Boilers #1, #2, #3, #4 and #5 is 0.12 lb/MMBtu. $PM_{10}$ emission limits for Boilers #1, #2, #3, #4 and #5 are based on PM limits.
3. $NO_x$, CO and VOC emission limits are based upon AP-42 data dated 9/98 for the combustion of #4 fuel oil.
4. Visible emissions from Stack #1 and #2 are subject to Chapter 101 of the Air Regulations and shall be restricted to the following:

    a. Visible emissions from stack #1, during periods when only one of the two boilers (Boilers #1 and #2) is operational shall not exceed 20% opacity on a 6-minute block average except, for no more than one 6-minute block average in a 3-hour period.

    b. Visible emissions from stack #1, during periods when both of the two boilers (Boilers #1 and #2) are operational shall not exceed 30% opacity on a 6-minute block average except, for no more than three 6-minute block averages in a 3-hour period.

    c. Visible emissions from stack #2, during periods when only one of the three boilers (Boilers #3, #4 and #5) is operational shall not exceed 20% opacity on a 6-minute block average except, for no more than one 6-minute block average in a 3-hour period.

    d. Visible emissions from stack #2, during periods when more than one of the three boilers (Boilers #3, #4 and #5) is operational shall not exceed 30% opacity on a 6-minute block average except, for no more than three 6-minute block averages in a 3-hour period.

C. Electrical Generation Equipment

Tambrands, Inc. makes use of an emergency generator, designated Generator #2, and two emergency fire-pump diesel units, designated Fire Pump #1 and Fire Pump #2. Generator #2 has a maximum design heat input capacity of 6.1 MMBtu/hr firing diesel fuel oil with a sulfur content of no greater than 0.05% sulfur by weight. Fire Pumps #1 and #2 have maximum design heat input capacities of 1.8 MMBtu/hr each, firing diesel fuel oil with a sulfur content of no greater than 0.05% sulfur by weight.

Tambrands, Inc. has a licensed operational limit for Generator #2 and Fire Pumps #1 and #2 of 500 hours of operation per year each, based on a twelve-month rolling total. Generator #2 and Fire Pumps #1 and #2 shall be operated only when normal testing procedures, as recommended by the manufacturer, are being performed or in case of an emergency as defined by the following:

- Definition of "Emergency"

  "… any situation arising from sudden and reasonably unforeseeable events beyond the control of the source, including acts of God, which situation requires immediate corrective action to restore normal operation. An emergency shall not include noncompliance to the extent caused by improperly designed equipment, lack of preventative maintenance, careless or improper operation, or operator error."

- By definition, a generator used for load shedding purposes (also known as a "Dispachable Load Generator") is <u>not</u> considered an "Emergency Generator".

To demonstrate compliance with hours of operation limits on the emergency generators, Tambrands, Inc. shall install, operate and maintain an hour meter on Generator #2 and Fire Pumps #1 and #2 within 6 months of the issuance of this license. Tambrands, Inc. shall also maintain a log of operation of emergency generator operations that shall include hours of operation of each generator, dates of operation of each generator and reason for operation.

A summary of the BPT analysis for Generator #2 (6.1 MMBtu/hr) is as follows:

1. BPT sulfur content for the diesel fuel oil fired in Generator #2 is no greater than 0.05% sulfur by weight.
2. BPT for PM for Generator #2 is 0.12 lb/MMBtu. $PM_{10}$ emission limits for Generator #2 is based on PM limits.
3. $NO_x$, $SO_2$, CO and VOC emission limits are based upon AP-42 emissions factors for stationary internal combustion engines of greater than 600 HP.

4. Visible emissions from the Generators #2 exhaust vents shall not exceed 30% opacity on a six-minute block average, except for 2 six-minute block averages in a 3-hour period.

A summary of the BPT analysis for Fire Pump #1 (1.4 MMBtu/hr) and Fire Pump #2 (1.8 MMBtu/hr) is as follows:

1. BPT sulfur content for the diesel fuel oil fired in Fire Pump #1 and Fire Pump #2 is no greater than 0.05% sulfur by weight.
2. BPT for PM for Fire Pump #1 and Fire Pump #2 is 0.12 lb/MMBtu. $PM_{10}$ emission limits for Fire Pump #1 and Fire Pump #2 are based on PM limits.
3. $NO_x$, $SO_2$, CO and VOC emission limits are based upon AP-42 emissions factors for stationary internal combustion engines of less than 600 HP.
4. Visible emissions from the Fire Pump #1 and Fire Pump #2 exhaust vents each shall not exceed 30% opacity on a six-minute block average, except for 2 six-minute block averages in a 3-hour period.

D. Process Equipment Air Handling System

1. Air Handling System

Tambrands utilizes an air handling, cooling and filtration system (HVAC system) to provide control of humidity, temperature and particulate emissions generated from the Fiber Processing Department. The current system has gone through changes since the signing of the facility's previous air emissions license. The current configuration consists of a new two-stage air handling system (fiber filtering system) that has 98% capture efficiency in both stages.

The system is comprised of two metal screening systems for fiber recovery. The fine fibers from the pleated belt filter are diverted to one of three baghouses and then drop into a compacting unit that forms the fibers into briquettes. The baghouses are equipped with explosion vents that are exhausted outside the building. The filters are equipped with a pressure drop indicator that will automatically shut down the system if there is a loss of inlet vacuum or a high-pressure drop across the filter system. The airflow is diverted back into the building to conserve on the cost of air conditioning.

The air handling, cooling and filtration system was originally installed into the fiber-processing department of their sanitary paper manufacturing operation to handle the exhaust air streams for the production lines designated Lines #2 and #3. However, the original Line #2 is no longer operational and has been permanently removed. Line #4, not Line #3, exhausts to the control equipment and then can be vented back into the building or to atmosphere.

The filtered air from Line #3 exhausts inside the building to the operational area. In a few months, Line #3 will also be removed to make way for new Equipment (Lines #85 and #86). Presently Line #4 is the only line whose filtered air exhausts to atmosphere. Lines #85 and #86 will also eventually replace Line #4, which will be removed when the installation of Lines #85 and #86 is complete. At that time the exhaust from the two stage filter will re-circulate into the building to reduce the plants overall external emissions. At the conclusion of the project all filtering units will return filtered air to the process area, not outside. The dust collected from the filters will be collected for disposal while the air from the bag houses will be exhausted externally.

The regulated pollutants associated with the operation of this equipment are particulate matter (PM) and particulate matter with a diameter of ten microns and smaller ($PM_{10}$). PM and $PM_{10}$ emissions from the air handling equipment will amount to approximately 5 TPY. BPT for this system is to operate this system when production line #4 is in operation.

BPT is also proper maintenance and operation of the system. This shall include maintaining an inspection schedule and maintaining records of maintenance and operations of the filter equipment and baghouses. Record keeping shall consist of maintaining an electronic or manual log of operation of the equipment, which would include documenting periods when the filters and/or the baghouses are malfunctioning or offline for maintenance as well as any maintenance or repair actions taken.

BPT for PM and $PM_{10}$ emissions from the air handling equipment shall be limited to 1.23 lb/hr, which calculates to approximately 5.4 tons per year of PM emissions. Visible emissions from the Air Handling Equipment shall not exceed 10% opacity on a six-minute block average.

2. VOC and HAP Emissions

Process activities at Tambrands result in the emissions of VOCs and HAPs from the use of glues and fragrances. Tambrands shall be licensed to emit no greater than 33.1 tons per year (ton/yr) of VOCs based on a twelve-month rolling total and 6.0 tons/yr of HAPs based on a twelve-month rolling total.

Due to the low concentration of VOCs applied throughout the many stages of the fine feminine products manufacturing process, capture and control of VOC emissions through add-on pollution control is not technically or economically feasible.

BPT for VOC emissions includes monthly record keeping indicating the amount of fragrance and glue used and the VOC content of the fragrance and glues. BPT also includes maintaining the VOC record on a twelve-month rolling total basis indicating compliance with the VOC emission limit of 33.1 tons per year generated from the use of glues and fragrances.

BPT for HAP emissions includes monthly record keeping indicating the amount of fragrance and glue used and the HAP content of the fragrance and glues. BPT also includes maintaining the HAP record on a twelve-month rolling total basis indicating compliance with the HAP emission limit of 6.0 tons per year generated from the use of glues and fragrances.

E. Fugitive Emissions

Visible emissions from a fugitive emission source shall not exceed an opacity of 20-percent, except for no more than five-minutes in any 1-hour period. Compliance shall be determined by an aggregate of the individual fifteen-second opacity observations, which exceed 20 % in any 1-hour.

F. Annual Facility Emissions

Tambrands shall be assessed fees based on the following annual emissions, based on a twelve-month rolling total:

| **Pollutant** | **Tons/year** | | | |
|---|---|---|---|---|
| | Boiler Units | Diesel Units | Process Emissions | Total |
| PM | 2.5 | 2.1 | 5.4 | 10.0 |
| $PM_{10}$ | 2.5 | 2.1 | 5.4 | 10.0 |
| $SO_2$ | 22.5 | 0.9 | na | 23.4 |
| $NO_x$ | 10.5 | 33.9 | na | 44.4 |
| CO | 0.8 | 7.6 | na | 8.4 |
| VOC | 0.1 | 2.8 | 33.1 | 36.0 |
| HAPs | na | na | 6.0 | 6.0 |

## ORDER

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

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

The Department hereby grants Air Emission License A-44-71-P-R, subject to the following conditions:

**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 (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 115. [MEDEP Chapter 115]

(3) 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. [MEDEP Chapter 115]

(4) 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. [MEDEP Chapter 115]

(5) The licensee shall pay the annual air emission license fee to the Department, calculated pursuant to Title 38 M.R.S.A. §353. [MEDEP Chapter 115]

(6) The license does not convey any property rights of any sort, or any exclusive privilege. [MEDEP Chapter 115]

(7) The licensee shall maintain and operate all emission units and air pollution systems required by the air emission license in a manner consistent with good air pollution control practice for minimizing emissions. [MEDEP Chapter 115]

(8) The licensee shall maintain sufficient records to accurately document compliance with emission standards and license conditions and shall maintain such records for a minimum of six (6) years. The records shall be submitted to the Department upon written request. [MEDEP Chapter 115]

(9) The licensee shall comply with all terms and conditions of the air emission license. 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 a renewal of a license or amendment shall not stay any condition of the license. [MEDEP Chapter 115]

(10) 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. [MEDEP Chapter 115]

(11) 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 to demonstrate compliance with the applicable emission standards under circumstances representative of the facility's normal process and operating conditions:

1. 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; or

2. 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.

[MEDEP Chapter 115]

(12) If the results of a stack test performed under circumstances representative of the facility's normal process and operating conditions indicate 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.

[MEDEP Chapter 115]

(13) Notwithstanding any other provisions 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. [MEDEP Chapter 115]

(14) The licensee shall maintain records of malfunctions, failures, downtime, and any other similar change in operation of air pollution control systems or the emissions unit itself that would affect emission and that is not consistent with the terms and conditions of the air emission license. The licensee shall notify the Department within two (2) days or the next state working day, whichever is later, of such occasions where such changes result in an increase of emissions. The licensee shall report all excess emissions in the units of the applicable emission limitation. [MEDEP Chapter 115]

(15) Upon written request from 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 a manner as the Department shall prescribe), and provide other information as the Department may reasonably require to determine the licensee's compliance status. [MEDEP Chapter 115]

**Specific Conditions**

(16) Boiler Units

A. Total fuel use, for Boiler #1, #2, #3, #4 and #5 combined, shall not exceed 300,000 gals/yr. #4 fuel oil with a maximum sulfur content of 1.0% sulfur by weight, based on a twelve-month rolling total. [BPT, MEDEP Chapter 115]

B. Compliance with the fuel restriction shall be based on fuel records, which shall include receipts from the supplier showing the quantity of fuel delivered and supplier certification indicating the percent sulfur of the purchased fuel. Fuel use records shall be maintained on a monthly basis, in addition to the twelve-month rolling total. [BPT, MEDEP Chapter 115]

C. Emissions from Boilers #1, #2, #3, #4 and #5 each shall not exceed the following:

| Equipment | | PM | $PM_{10}$ | $SO_2$ | $NO_x$ | CO | VOC |
|---|---|---|---|---|---|---|---|
| Boiler #1 | lb/MMBtu | 0.12 | - | - | - | - | - |
| | lb/hr | 0.8 | 0.8 | 6.5 | 3.2 | 0.2 | 0.02 |
| Boiler #2 | lb/MMBtu | 0.12 | - | - | - | - | - |
| | lb/hr | 0.8 | 0.8 | 6.5 | 3.2 | 0.2 | 0.02 |
| Boiler #3 | lb/MMBtu | 0.12 | - | - | - | - | - |
| | lb/hr | 0.8 | 0.8 | 6.5 | 3.2 | 0.2 | 0.02 |
| Boiler #4 | lb/MMBtu | 0.12 | - | - | - | - | - |
| | lb/hr | 0.8 | 0.8 | 6.5 | 3.2 | 0.2 | 0.02 |
| Boiler #5 | lb/MMBtu | 0.12 | - | - | - | - | - |
| | lb/hr | 0.8 | 0.8 | 6.5 | 3.2 | 0.2 | 0.02 |

[BPT, MEDEP Chapter 115]

D. Visible emissions.

1. Visible emissions from stack #1, during periods when only one of the two boilers (Boilers #1 and #2) is in operation shall not exceed 20% opacity on a 6-minute block average except, for no more than one 6-minute block average in a 3-hour period. [MEDEP Chapter 101]

2. Visible emissions from stack #1, during periods when both of the two boilers (Boilers #1 and #2) are in operation shall not exceed 30% opacity on a 6-minute block average except, for no more than three 6-minute block averages in a 3-hour period. [MEDEP Chapter 101]

3. Visible emissions from stack #2, during periods when only one of the three boilers (Boilers #3, #4 and #5) is in operation shall not exceed 20% opacity on a 6-minute block average except, for no more than one 6-minute block average in a 3-hour period. [MEDEP Chapter 101]

4. Visible emissions from stack #2, during periods when more than one of the three boilers (Boilers #3, #4 and #5) is in operation shall not exceed 30% opacity on a 6-minute block average except, for no more than three 6-minute block averages in a 3-hour period. [MEDEP Chapter 101]

(17) Electrical Generation Equipment

A. Generator #2 and Fire Pumps #1 and #2 each shall be limited to 500 hours per year of operation, based on a 12 month rolling total. [BPT, MEDEP Chapter 115]

B. An hour meter shall be installed, operated and maintained on Generator #2 and Fire Pumps #1 and #2 each within six-months of the issuance of this license. [BPT, MEDEP Chapter 115]

C. Tambrands shall fire diesel fuel oil with a sulfur content of no greater than 0.05% sulfur by weight in Generator #2 and Fire Pumps #1 and #2. Compliance with the sulfur content restriction shall be demonstrated through purchase receipts or supplier certification indicating the sulfur content of the purchased fuel. [BPT, MEDEP Chapter 115]

D. Generator #2 and Fire Pumps #1 and #2 shall be operated only when normal testing procedures, as recommended by the manufacturer, are being performed or in case of an emergency as defined in the Finding of Fact section of this license. [BPT, MEDEP Chapter 115]

E. Tambrands shall maintain a log documenting the dates, times and reason of operation for each emergency generator. [BPT, MEDEP Chapter 115]

F. Emissions from Generator #2 and Fire Pumps #1 and #2 each shall not exceed the following:

| **Equipment** | | **PM** | **$PM_{10}$** | **$SO_2$** | **$NO_x$** | **CO** | **VOC** |
|---|---|---|---|---|---|---|---|
| | lb/MMBtu | 0.12 | - | - | - | - | - |
| Generator #2 | lb/hr | 0.7 | 0.7 | 0.3 | 19.5 | 5.2 | 2.1 |
| Fire Pump #1 | lb/hr | 0.2 | 0.2 | 0.1 | 8.0 | 1.7 | 0.6 |
| Fire Pump #2 | lb/hr | 0.2 | 0.2 | 0.1 | 8.0 | 1.7 | 0.6 |

[BPT, MEDEP Chapter 115]

G. Visible emissions from Generator #2 and Fire Pumps #1 and #2 each shall not exceed 30% opacity on a six-minute block average, except for 2 six-minute block averages in a 3-hour period. [MEDEP Chapter 101]

(18) Process Equipment

A. Air Handling Equipment

1. All process equipment venting to atmosphere shall be vented through the air handling system (fiber filtering system) and then through one of the baghouses. [BPT, MEDEP Chapter 115]

2. All components of the air handling system and baghouses shall be maintained in accordance with manufacturer specifications and good manufacturing practices so as to prevent $PM/PM_{10}$ leaks. [BPT, MEDEP Chapter 115]

3. Tambrands shall maintain an inspection/maintenance log for the air handling system (fiber filtering system) and the baghouses, which shall include an inspection schedule which provides for monthly inspections of the equipment, inspection findings. Electronic or manual records shall be kept of periods when the filters and/or the baghouses are malfunctioning or offline for maintenance as well as any maintenance or repair actions taken. [BPT, MEDEP Chapter 115]

4. Baghouse explosion vents shall be inspected and maintained as recommended by the manufacturer and results from inspections and any maintenance actions taken shall be included in the inspection/ maintenance log. [BPT, MEDEP Chapter 115]

5. Emissions from the air handling equipment shall not exceed the following:

| Pollutant | Equipment |
|---|---|
| PM | 1.23 lb/hr |
| $PM_{10}$ | 1.23 lb/hr |

[BPT, MEDEP Chapter 115]

6. Visible emissions from the Production Line #4 diversion vent shall not exceed 10% opacity on a six-minute block average. [MEDEP Chapter 101]

B. VOC and HAP Emissions

1. Tambrands shall be limited to no greater than 33.1 tons per year of VOC emissions from the use of glues and fragrances based on a twelve-month rolling total. [BPT, MEDEP Chapter 115]

2. Tambrands shall maintain VOC emissions records on a monthly and twelve-month rolling total keeping indicating the amount of fragrance and glue used and the VOC content of the fragrance and glues. [BPT, MEDEP Chapter 115]

3. Tambrands shall be limited to no greater than 6.0 tons per year of HAP emissions from the use of glues and fragrances based on a twelve-month rolling total. [BPT, MEDEP Chapter 115]

4. Tambrands shall maintain HAP emissions records on a monthly and twelve-month rolling total keeping indicating the amount of fragrance and glue used and the VOC content of the fragrance and glues. [BPT, MEDEP Chapter 115]

(19) 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:

1) A computer program and accompanying instructions supplied by the Department; or
2) 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 or as otherwise specified in Chapter 137.

(20) Visible emissions from a fugitive emission source shall not exceed an opacity of 20 percent, except for no more than five-minutes in any 1-hour period. Compliance shall be determined by an aggregate of the individual fifteen-second opacity observations, which exceed 20 % in any 1-hour. [MEDEP Chapter 101]

(21) Tambrands, Inc. 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 (38 MRSA §605-C).

(22) Tambrands, Inc. shall pay the annual air emission license fee within 30 days of June 30 of each year. Pursuant to 38 MRSA 353-A, failure to pay this annual fee in the stated timeframe is sufficient grounds for the revocation of the license under section 341-D, Subsection 3.

DONE AND DATED IN AUGUSTA, MAINE THIS DAY OF 2004.

DEPARTMENT OF ENVIRONMENTAL PROTECTION

BY:_____
DAWN R. GALLAGHER, COMMISSIONER

PLEASE NOTE ATTACHED SHEET FOR GUIDANCE ON APPEAL PROCEDURES

The term of this Order shall be for five (5) years from the signature above.

Date of initial receipt of application: **June 30, 2004**
Date of application acceptance: **July 16, 2004**

Date filed with the Board of Environmental Protection: _____

This Order prepared by, Peter G. Carleton, Bureau of Air Quality