



STATE OF MAINE  
DEPARTMENT OF ENVIRONMENTAL PROTECTION

JOHN ELIAS BALDACCI  
GOVERNOR

DAVID P. LITTELL  
COMMISSIONER

**City of Portland – Portland Arts  
and Technology High School  
Cumberland County  
Portland, Maine  
A-36-71-G-N (SM)**

**Departmental  
Findings of Fact and Order  
Air Emission License  
After-the-Fact**

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., §344 and §590, the Department finds the following facts:

**I. REGISTRATION**

**A. Introduction**

1. The Air Emission License for the City of Portland – Portland Arts and Technology High School (PATHS) expired on June 16, 2009. PATHS has applied to renew the expired license permitting the operation of emission sources associated with their education facility.
2. The equipment addressed in this license is located at 196 Allen Avenue, Portland, Maine.
3. PATHS has requested to update the license to include two generators, two paint booths, a paint booth heater, and two parts washers. PATHS has also requested to add a new, unheated, paint booth.

**B. Emission Equipment**

The following equipment is addressed in this air emission license:

**Boilers**

<u>Equipment</u>	<u>Maximum Capacity (MMBtu/hr)</u>	<u>Maximum Firing Rate (gal/hr)</u>	<u>Fuel Type, % sulfur</u>	<u>Stack #</u>
Boiler #1	8.5	56.9	#6 oil, 1.5/0.5% S	1
Boiler #2	8.5	56.9	#6 oil, 1.5/0.5% S	1
Paint Booth Heater	1.3	13.8	Propane	

AUGUSTA  
17 STATE HOUSE STATION  
AUGUSTA, MAINE 04333-0017  
(207) 287-7688 FAX: (207) 287-7826  
RAY BLDG., HOSPITAL ST.

BANGOR  
106 HOGAN ROAD, SUITE 6  
BANGOR, MAINE 04401  
(207) 941-4570 FAX: (207) 941-4584

PORTLAND  
312 CANCO ROAD  
PORTLAND, MAINE 04103  
(207) 822-6300 FAX: (207) 822-6303

PRESQUE ISLE  
1235 CENTRAL DRIVE, SKYWAY PARK  
PRESQUE ISLE, MAINE 04679-2094  
(207) 764-0477 FAX: (207) 760-3143

### Electrical Generation Equipment

<u>Equipment</u>	<u>Max. Input (MMBtu/hr)</u>	<u>Firing Rate (gal/hr)</u>	<u>Fuel Type, % sulfur</u>	<u>Stack #</u>
Generator #1	1.42	10.4	Diesel, 0.05% S	G1
Generator #2	0.97	10.3	Propane	G2

#### C. Application Classification

The previous air emission license for PATHS expired on June 16, 2009. A complete application was not submitted on time, therefore PATHS is considered to be an existing source applying for an after-the-fact renewal. The Department has determined the facility is a minor source and the application has been processed through *Major and Minor Source Air Emission License Regulations*, 06-096 CMR 115 (last amended December 24, 2005).

With the fuel limit on Boilers #1 and #2, and the operating hours restriction on the emergency Generators #1 and #2, PATHS is licensed below the major source thresholds and is considered a synthetic minor.

## II. BEST PRACTICAL TREATMENT (BPT)

#### A. Introduction

In order to receive a license the applicant must control emissions from each unit to a level considered by the Department to represent Best Practical Treatment (BPT), as defined in *Definitions Regulation*, 06-096 CMR 100 (last amended December 24, 2005). Separate control requirement categories exist for new and existing equipment as well as for those sources located in designated non-attainment areas.

BPT for an after-the-fact renewal requires an analysis similar to a Best Available Control Technology analysis per 06-096 CMR 115.

BPT for new sources and modifications requires a demonstration that emissions are receiving Best Available Control Technology (BACT), as defined in *Definitions Regulation*, 06-096 CMR 100 (last amended December 24, 2005). BACT is a top-down approach to selecting air emission controls considering economic, environmental and energy impacts.

BPT for existing emissions equipment means that method which controls or reduces emissions to the lowest possible level considering:

- the existing state of technology;
- the effectiveness of available alternatives for reducing emissions from the source being considered; and
- the economic feasibility for the type of establishment involved.

B. Boilers #1 and #2

Boilers #1 and #2 each have a design capacity of 8.5 MMBtu/hour and were installed in 1976, therefore neither is subject to the New Source Performance Standards (NSPS) 40 CFR Part 60, Subpart Dc, *Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units*, for units greater than 10 MMBtu/hr manufactured after June 9, 1989.

A summary of the BPT analysis for Boilers #1 and #2 is the following:

1. The total fuel use for the facility shall not exceed 150,000 gallons per year of #6 fuel oil based on a 12-month rolling total.
2. *Low Sulfur Fuel*, 06-096 CMR 106 (last amended June 9, 1999) regulates fuel sulfur content, however in this case a BACT analysis determined a more stringent limit is appropriate and shall be used. Prior to August 31, 2011, the sulfur limit of the #6 fuel shall not exceed 1.5 percent; subsequent to September 1, 2011, the sulfur limit shall not exceed 0.5 percent.
3. *Fuel Burning Equipment Particulate Emission Standard*, 06-096 CMR 103 (last amended November 3, 1990) regulates PM emission limits. The PM<sub>10</sub> limits are derived from the PM limits.
4. NO<sub>x</sub> emission limits are based on data from similar #6 oil fired boilers of this size and age.
5. CO and VOC emission limits are based upon AP-42 data dated 9/98.
6. Visible emissions from the common stack serving Boilers #1 and #2 shall not exceed 30 percent opacity on a six (6) minute block average, except for no more than two (2) six (6) minute block average in a continuous 3-hour period.

C. Paint Booths and Paint Booth Heater

PATHS operates two DeVilbiss paint booths in the automotive shop, one of which has an integrated propane heater. The heater has a heat input capacity of 1.3 MMBtu per hour, and fires propane. Fuel use in the paint booth heater shall not exceed 30,000 gallons of propane per calendar year.

PATHS proposes to install a third paint booth, manufactured by Standard Tools and Equipment. The unit is not heated and will not have emissions associated with fuel burning. The unit is fitted with a “paint arrestor” particulate filter system to control overspray.

D. Back-up Generators

PATHS operates two back-up generators. Generator #1 is a 125 kW Onan, Tier 3 Certified unit, firing 10.4 gallons of diesel fuel per hour, manufactured in August 2006. Generator #1 was manufactured after 1 April 2006, and is therefore subject to New Source Performance Standards 40 CFR Part 60, Subpart III, *Standards of Performance for Stationary Compression Ignition Internal Combustion Engines*. Generator #2 is 85 kW Pincor, firing 10.3 gallons of propane per hour. Generator #2 was manufactured and installed in 1975, and is therefore not subject to NSPS 40 CFR Part 60.

Emergency Generator is defined as any stationary internal combustion engine whose operation is limited to emergency situations and required testing and maintenance. Examples include stationary engines used to produce power for critical networks or equipment (including power supplied to portions of a facility) when electric power from the local utility (or the normal power source, if the facility runs on its own power production) is interrupted, or stationary engines used to pump water in the case of fire or flood. Stationary engines used to supply power to an electric grid or that supply power as part of a financial arrangement with another entity are not considered to be emergency engines.

A summary of the BACT analysis for Generator #1 is the following:

1. Generator #1 shall fire only diesel fuel with a maximum sulfur content not to exceed 0.05 percent (500 ppm).
2. Beginning October 1, 2010, Generator #1 shall fire only diesel fuel with a maximum sulfur content not to exceed 0.0015 percent (15 ppm).

3. Generator #1 shall be limited to 100 hours per year of operation for maintenance checks and readiness testing. Generator #1 shall be limited to 500 hours per year of total operation. Both of these limits are based on a 12-month rolling total. Compliance shall be demonstrated by a written log of all generator operating hours.
4. Generator #1 shall be equipped with a non-resettable hour meter.
5. 06-096 CMR 103 regulates PM emission limits. The PM<sub>10</sub> limits are derived from the PM limits.
6. NO<sub>x</sub>, CO, and VOC emission limits are based upon AP-42 data dated 10/96.
7. City of Portland shall operate and maintain Generator #1 in accordance with the manufacturer's written instructions. PATHS shall not change settings that are not approved in writing by the manufacturer.
8. Visible emissions from the back-up generator shall not exceed 20 percent opacity on a six (6) minute block average, except for no more than two (2) six (6) minute block averages in a continuous 3-hour period.

A summary of the BACT analysis for Generator #2 is the following:

1. Generator #2 shall fire only propane fuel.
2. Generator #2 shall be limited to 500 hours per year of operation based on a 12-month rolling total. Compliance shall be demonstrated by a written log of all generator operating hours.
3. 06-096 CMR 103 regulates PM emission limits. The PM<sub>10</sub> limits are derived from the PM limits.
4. NO<sub>x</sub>, CO, and VOC emission limits are based upon AP-42 data dated 07/08.
5. Visible emissions from Generator #2 shall not exceed 20 percent opacity on a six (6) minute block average, except for no more than two (2) six (6) minute block averages in a continuous 3-hour period.

E. Degreaser Unit

PATHS operates two parts washers (solvent degreasers). Both are equipped with a remote reservoir attached to a 30-gallon tank, and use Zep Dyna 143 solvent. Records shall be kept of the solvent added and removed.

F. General Process Emissions

Visible emissions from any general process source shall not exceed 20 percent opacity on a six (6) minute block average basis, except for no more than one (1) six (6) minute block average in a 1-hour period.

G. Annual Emissions

PATHS shall be restricted to the following annual emissions, based on a 12-month rolling total and the following limits:

- Annual fuel use of 150,000 gallons of #6 fuel oil fired in Boilers #1 and #2;
- Maximum of 500 hours per year operation of Generator #1 firing diesel fuel with a sulfur content not to exceed 0.05 percent by weight; maximum of 500 hours per year operation of Generator #2 firing propane; and
- Annual fuel use of 30,000 gallons of propane fired in the paint booth heater.

**Total Licensed Annual Emissions for the Facility  
Tons per Year Prior to August 31, 2011  
(Used to calculate the annual license fee)**

	PM	PM <sub>10</sub>	SO <sub>2</sub>	NO <sub>x</sub>	CO	VOC
Boilers #1 & #2	1.35	1.35	17.73	5.63	0.38	0.08
Generator #1	0.04	0.04	0.02	1.57	0.34	0.12
Generator #2	0.001	0.001	0.00	0.04	0.02	0.003
Paint Booth Heater	0.003	0.003	0.02	0.19	0.12	0.02
Process VOC's	--	--	--	--	--	0.1

<b>Total TPY</b>	<b>1.4</b>	<b>1.4</b>	<b>17.8</b>	<b>7.4</b>	<b>0.9</b>	<b>0.3</b>
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**Total Licensed Annual Emissions for the Facility  
Tons per Year Subsequent to September 1, 2011  
(Used to calculate the annual license fee)**

	PM	PM <sub>10</sub>	SO <sub>2</sub>	NO <sub>x</sub>	CO	VOC
Boilers #1 & #2	1.35	1.35	5.91	5.63	0.38	0.08
Generator #1	0.04	0.04	0.02	1.57	0.34	0.12
Generator #2	0.001	0.001	0.00	0.04	0.02	0.003
Paint Booth Heater	0.003	0.003	0.02	0.19	0.12	0.02
Process VOC's	--	--	--	--	--	0.1

<b>Total TPY</b>	<b>1.4</b>	<b>1.4</b>	<b>5.9</b>	<b>7.4</b>	<b>0.9</b>	<b>0.3</b>
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### III. AMBIENT AIR QUALITY ANALYSIS

According to 06-096 CMR 115, the level of air quality analyses required for a renewal source shall be determined on a case-by case basis. Modeling and monitoring are not required for a renewal if the total emissions of any pollutant released do not exceed the following:

Pollutant	Tons/Year
PM	25
PM <sub>10</sub>	25
SO <sub>2</sub>	50
NO <sub>x</sub>	100
CO	250

Based on the total facility licensed emissions, PATHS is below the emissions level required for modeling and monitoring.

### 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-36-71-G-N subject to the following conditions:

Severability. The invalidity or unenforceability of any provision, or part thereof, of this License shall not affect the remainder of the provision or any other provisions. This License shall be construed and enforced in all respects as if such invalid or unenforceable provision or part thereof had been omitted.

### 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 M.R.S.A. §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. [06-096 CMR 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. [06-096 CMR 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. [06-096 CMR 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. [06-096 CMR 115]
- (6) The license does not convey any property rights of any sort, or any exclusive privilege. [06-096 CMR 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. [06-096 CMR 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. [06-096 CMR 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. [06-096 CMR 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. [06-096 CMR 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.
- [06-096 CMR 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.

[06-096 CMR 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. [06-096 CMR 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. [06-096 CMR 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. [06-096 CMR 115]

**SPECIFIC CONDITIONS**

**(16) Boilers #1 and #2**

A. Total fuel use for Boilers #1 and #2 shall not exceed 150,000 gallons per year of #6 fuel oil. Prior to August 31, 2011, the sulfur limit of the #6 fuel shall not exceed 1.5 percent; subsequent to September 1, 2011, the sulfur limit shall not exceed 0.5 percent. Compliance shall be demonstrated by fuel records from the supplier showing the quantity of fuel delivered and the percent sulfur of the fuel. Records of annual fuel use shall be kept on a 12-month rolling total basis. [06-096 CMR 115, BPT]

B. Emissions shall not exceed the following:

Emission Unit	Pollutant	lb/MMBtu	Origin and Authority
Boiler #1	PM	0.12	06-096 CMR 103(2)(B)(1)(a)
Boiler #2	PM	0.12	06-096 CMR 103(2)(B)(1)(a)

C. Emissions shall not exceed the following prior to 31 August 2011: [06-096 CMR 115, BPT]:

Emission Unit	PM (lb/hr)	PM <sub>10</sub> (lb/hr)	SO <sub>2</sub> (lb/hr)	NO <sub>x</sub> (lb/hr)	CO (lb/hr)	VOC (lb/hr)
Boiler #1	1.02	1.02	13.40	4.25	0.28	0.06
Boiler #2	1.02	1.02	13.40	4.25	0.28	0.06

D. Emissions shall not exceed the following subsequent to September 1, 2011: [06-096 CMR 115, BPT]:

Emission Unit	PM (lb/hr)	PM <sub>10</sub> (lb/hr)	SO <sub>2</sub> (lb/hr)	NO <sub>x</sub> (lb/hr)	CO (lb/hr)	VOC (lb/hr)
Boiler #1	1.02	1.02	4.47	4.25	0.28	0.06
Boiler #2	1.02	1.02	4.47	4.25	0.28	0.06

E. Visible emissions from the common stack serving Boilers #1 and #2 shall not exceed 30 percent opacity on a six (6) minute block average, except for no more than two (2) six (6) minute block averages in a continuous 3-hour period. [06-096 CMR 101]

(17) **Paint Booths**

- A. PATHS may operate two DeVilbiss paint booths in the automotive shop, one of which has an integrated propane heater.
- B. PATHS may install an unheated Standard Tools and Equipment paint booth.
- C. PATHS shall maintain and replace the “paint arrestor” particulate filters as necessary on the new paint booth.
- D. Visible emissions from each of the Paint Booths shall not exceed 20 percent opacity on a six (6) minute block average, except for no more than one (1) six (6) minute block average in a 1-hour period. [06-096 CMR 101]

(18) **Paint Booth Heater**

- A. Total fuel use in the paint booth heater shall not exceed 30,000 gallons of propane.
- B. Emissions shall not exceed the following [06-096 CMR 115, BPT]:

Emission Unit	PM (lb/hr)	PM <sub>10</sub> (lb/hr)	SO <sub>2</sub> (lb/hr)	NO <sub>x</sub> (lb/hr)	CO (lb/hr)	VOC (lb/hr)
Paint Booth Heater	0.01	0.01	0.02	0.20	0.12	0.02

- C. Visible emissions from the Paint Booth Heater shall not exceed 20 percent opacity on a six (6) minute block average, except for no more than two (2) six (6) minute block averages in a continuous 3-hour period. [06-096 CMR 101]

(19) **Generators #1 and #2**

**Generator #1**

- A. Generator #1 shall fire only diesel fuel with a maximum sulfur content not to exceed 0.05 percent (500 ppm). [40 CFR 60.4207(a)]
- B. Beginning October 1, 2010, Generator #1 shall fire only diesel fuel with a maximum sulfur content not to exceed 0.015 percent (15 ppm). [40 CFR 60.4207(b)]
- C. Generator #1 shall be limited to 100 hours per year of operation for maintenance checks and readiness testing. Generator #1 shall be limited to 500 hours per year of total operation. Both of these limits are based on a 12-month rolling total. Compliance shall be demonstrated by a written log of all generator operating hours. [40 CFR 60.4211(E) and 06-096 CMR 115, BACT]

- D. Generator #1 shall be equipped with a non-resettable hour meter. [40 CFR 60.4209(a)]
- E. Emissions shall not exceed the following [06-096 CMR 115, BPT]:

Emission Unit	PM (lb/hr)	PM <sub>10</sub> (lb/hr)	SO <sub>2</sub> (lb/hr)	NO <sub>x</sub> (lb/hr)	CO (lb/hr)	VOC (lb/hr)
Generator #1	0.17	0.17	0.07	6.26	1.35	0.50

- F. Generator #1 is subject to PM, CO, and NO<sub>x</sub> + VOC emission requirements set forth in 40 CFR 60, Subpart IIII. Compliance with these emission requirements shall be demonstrated by certification from the manufacturer that this engine class meets the appropriate Tier standards.[40 CFR 60, Subpart IIII]
- G. PATHS shall operate and maintain Generator #1 in accordance with the manufacturer’s written instructions. PATHS shall not change settings that are not approved in writing by the manufacturer. [40 CFR 60.4211(a)]
- H. Visible emissions from Generator #1 shall not exceed 20 percent opacity on a six (6) minute block average, except for no more than two (2) six (6) minute block averages in a continuous 3-hour period. [06-096 CMR 101]

**Generator #2**

- A. PATHS shall limit Generator #2 to 500 hours per year of operation based on a 12-month rolling total. An hour meter shall be maintained and operated on Generator #2. [06-096 CMR 115, BPT]
- B. Generator #2 shall only be operated for maintenance purposes and for situations arising from sudden and reasonably unforeseeable events beyond the control of the source. Generator #2 shall not be used for prime power when reliable offsite power is available. A log shall be maintained documenting the date, time, and reason for operation. [06-096 CMR 115, BPT]
- C. Generator #2 shall fire propane. Compliance shall be based on fuel records from the supplier showing the quantity of fuel delivered. [06-096 CMR 115, BPT]
- D. Emissions shall not exceed the following [06-096 CMR 115, BPT]:

Emission Unit	PM (lb/hr)	PM <sub>10</sub> (lb/hr)	SO <sub>2</sub> (lb/hr)	NO <sub>x</sub> (lb/hr)	CO (lb/hr)	VOC (lb/hr)
Generator #2	0.01	0.01	0.00	0.14	0.08	0.01

- E. Visible emissions from Generator #2 shall not exceed 20% opacity on a six (6) minute block average, except for no more than two (2) six (6) minute block averages in a continuous 3-hour period. [06-096 CMR 101]

(20) **Parts Washers #1 and #2**

The two Parts Washers at PATHS are subject to *Solvent Cleaners*, 06-096 CMR 130 (last amended June 28, 2004).

- A. PATHS shall keep records of the amount of solvent added to each parts washer. [06-096 CMR 115, BPT]
- B. The following are exempt from the requirements of 06-096 CMR 130 [06-096 CMR 130]:
1. Solvent cleaners using less than two liters (68 oz) of cleaning solvent with a vapor pressure of 1.00 mmHg, or less, at 20° C (68° F);
  2. Wipe cleaning; and,
  3. Cold cleaning machines using solvents containing less than or equal to 5% VOC by weight.
- C. The following standards apply to cold cleaning machines that are applicable sources under Chapter 130.
1. PATHS shall attach a permanent conspicuous label to each unit summarizing the following operational standards [06-096 CMR 130]:
    - (i) Waste solvent shall be collected and stored in closed containers.
    - (ii) Cleaned parts shall be drained of solvent directly back to the cold cleaning machine by tipping or rotating the part for at least 15 seconds or until dripping ceases, whichever is longer.
    - (iii) Flushing of parts shall be performed with a solid solvent spray that is a solid fluid stream (not a fine, atomized or shower type spray) at a pressure that does not exceed 10 psig. Flushing shall be performed only within the freeboard area of the cold cleaning machine.
    - (iv) The cold cleaning machines shall not be exposed to drafts greater than 40 meters per minute when the cover is open.
    - (v) Sponges, fabric, wood, leather, paper products and other absorbent materials shall not be cleaned in the degreaser.
    - (vi) When a pump-agitated solvent bath is used, the agitator shall be operated to produce no observable splashing of the solvent against the tank walls or the parts being cleaned. Air agitated solvent baths may not be used.
    - (vii) Spills during solvent transfer shall be cleaned immediately. Sorbent material shall be immediately stored in covered containers.
    - (viii) Work area fans shall not blow across the opening of the degreaser unit.
    - (ix) The solvent level shall not exceed the fill line.



Form No.	A-L-0046
Effective Date	3/15/10
Revision No.	00
Last Revision Date	N/A
Page 1 of 2	

Signing Orders Checklist

A- 36 - 71 - G - N

Proofread Order

Order Review Routing Sheet attached

Tracking # 552276

Is Order header correct?

*After-the-fact*

Legal Name on all pages

Municipality correct on all pages

Application/License Number correct and on all pages

Page numbers correct on all pages

Synthetic Minor (SM) is addressed in the Application Classification section (if applicable)

Outline lettering and numbering is correct throughout license

Correct license number in paragraph under ORDER

"Draft" has been removed from footers

Application received and accepted dates correct

Except for Minor Revisions, has 20 days passed since application was accepted for processing?

Approval date has correct year

Commissioner name is correct

Term of license is correct

Enough space for approval date, BEP stamp, and signature

Review EFIS Data

Does name in Issued To field match the name on the Order?

Is App. Number field correct/matches License Number on Order?

Is there a current air permitting contact listed?

Does the air permitting contact have an active BAQ Mailing Address and BAQ Phone Number?

Is the correct project manager listed under Relations: Contact: DEP Air Emissions?

Is there a Site Address and does the Site Name appear correct?

Is there an active Billing Address?

Does the equipment list appear correct? (i.e. If the license being processed included an amendment to specifically add or remove equipment, was this equipment added/removed?)

Does the Facility Wide PTE match those in the fee table in the license?

Is there a billing month? *May*

Did the project manager enter a date of the last full review?

Get Order signed (per A-L-0045) (Jim Brooks)

If it is a Part 70 or NSR 77 license, enter date of signature on first page & reprint

Take to Terry for BEP stamp (must go out in same day's mail)

Finalize decision in EFIS

Scan signed copy



Form No.	A-L-0046
Effective Date	3/15/10
Revision No.	00
Last Revision Date	N/A
Page 2 of 2	

Original goes to:

- Applicant (via certified mail)
  - Cover letter
  - Appeal Sheet
  - Customer Service Card (ATS ID must match App. Track. No.)

Copies go to:

- Municipality (stapled)
  - Cover letter
  - Appeal Sheet
- Regular license file w/ routing sheet, cover letter, and 'To be Signed' form (engineer) 2-hole punched
- Blue license folder (engineer)
- Consultant (if applicable)
- Pulp & Paper Mill Book (if applicable) (3-hole punched)
- e-mail EPA (if applicable)

2. The remote reservoir cold cleaning machines shall be equipped with a perforated drain with a diameter of not more than six inches. [06-096 CMR 130]

(21) **General Process Sources**

Visible emissions from any general process source shall not exceed 20 percent opacity on a six (6) minute block average basis, except for no more than one (1) six (6) minute block average in a 1-hour period. [06-096 CMR 101]

- (22) PATHS 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 M.R.S.A. §605).

DONE AND DATED IN AUGUSTA, MAINE THIS 18<sup>th</sup> DAY OF August, 2010.  
DEPARTMENT OF ENVIRONMENTAL PROTECTION

BY: *James P. Burks for*  
DAVID P. LITTELL, COMMISSIONER

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

PLEASE NOTE ATTACHED SHEET FOR GUIDANCE ON APPEAL PROCEDURES

Date of initial receipt of application: 11/09/2009

Date of application acceptance: 11/17/2009

Date filed with the Board of Environmental Protection:

This Order prepared by N. Lynn Cornfield, Bureau of Air Quality.



