



STATE OF MAINE  
DEPARTMENT OF ENVIRONMENTAL PROTECTION



PAUL R. LEPAGE  
GOVERNOR

PATRICIA W. AHO  
COMMISSIONER

**Senior Operations LLC  
Androscoggin County  
Lewiston, Maine  
A-654-71-G-N/T**

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

**FINDINGS OF FACT**

After review of the file and related materials submitted with regard to the license transfer application, the air emission 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., §344 and §590, and 06-096 CMR 115 (as amended), the Maine Department of Environmental Protection (the Department) finds the following facts:

**I. REGISTRATION**

**A. Introduction**

Wahlco Metroflex, Inc. has requested the transfer of Air Emission License A-654-71-F-N from Wahlco Metroflex, Inc. to Senior Operations LLC through a letter to the Bureau of Air Quality dated July 23, 2013. Air Emission License A-654-71-F-N was issued to Wahlco Metroflex, Inc. on March 12, 2008.

The Air Emission License for Wahlco Metroflex, Inc. expired on March 12, 2013. Wahlco Metroflex, Inc., now Senior Operations LLC, also known as Senior Flexonics Pathway – Metroflex Dampers (Pathway Metroflex), has applied to renew their expired license permitting the operation of emission sources associated with their metal fabrication facility.

The equipment addressed in this license is located at 29 Lexington Street, Lewiston, Maine.

**B. Emission Equipment**

The following equipment is addressed in this air emission license:

**Process Equipment**

<u>Equipment</u>	<u>Production Rate</u>	<u>Pollution Control Equipment</u>
Coating Operations	1,666 lb/month	Fiberglass Paint Arrestor Pads
Shot & Grit Blast Room	1600 lb/month	Dust Collection System
Gluing Operations	10 gal/month	N. A.

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 04769  
(207) 764-0477 FAX: (207) 760-3143

**Natural Gas-Fired Building Air Heaters**

<b>Equipment</b>	<b>Max.Capacity (MMBtu/hr)</b>	<b>Installation Date</b>	<b>Control Device</b>
Paint Room Space Heater	0.46	1990	Filters
Office Space Heater 1	< 0.10		
Office Space Heater 2	0.10		
Shop Heater	< 0.10		

Each of these fuel burning units has a heat input capacity below the 1.0 MMBtu/hour licensing threshold. The operation of these units is considered insignificant; thus, the units are listed in this license for inventory purposes only.

C. Application Classification

The previous air emission license for this facility expired on March 12, 2013. A complete application was not submitted prior to the expiration date; therefore, Pathway Metroflex 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 (as amended).

**II. TRANSFER REQUIREMENTS**

A. Title, Right, or Interest

In their application, Wahlco Metroflex, Inc. submitted copies of property deeds transferring ownership of the facility to Pathway Metroflex. The parties have provided sufficient evidence of title, right, or interest in the facility to allow the transfer of the facility's licenses.

B. Financial Capacity and Intent

Pathway Metroflex states that they possess the financial capacity to operate the facility in compliance with its air emission license.

C. Technical Capacity and Intent

Pathway Metroflex's acquisition of the facility is not expected to result in any significant change in the employees that currently operate the equipment, facilities, and conduct other activities. The facility's regulatory history with the Department demonstrates that the environmental personnel are competent in air pollution control. The information submitted in the application provides

sufficient evidence that Pathway Metroflex has the technical capacity and intent to comply with their air emission license.

D. Full Name and Address

The full name and address of the new owner is as follows:

Senior Flexonics Pathway – Metroflex Dampers  
29 Lexington Street  
Lewiston, Maine 04240

E. Certification

Pathway Metroflex certifies that there will be no increase in air emissions beyond that provided for in the existing license, either in quantity or type.

**III. 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 (as amended). 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 (as amended).

Pathway Metroflex designs and manufactures a broad range of gaseous stream isolation and flow control dampers and metal and fabric expansion joints, and provides customer services in support of selection, installation, testing, and operation of the products.

B. Coating Operations

Coating operations at Pathway Metroflex have the potential to emit particulate matter (PM, PM<sub>10</sub>, PM<sub>2.5</sub>), volatile organic compounds (VOC), and hazardous air pollutants (HAP) as defined in the Clean Air Act and in 06-096 CMR 100, *Definitions*.

1. Particulate Emissions

Part of the manufacturing process at Pathway Metroflex is the application of paint or similar coating to metal parts fabricated at the facility. Some paints are applied by brush; larger applications use a paint spray room to apply the surface coating(s). The paint room is equipped with an exhaust fan with

fiberglass paint arrestor pads to collect paint particulates from the paint spraying process.

Pathway Metroflex shall comply with the following as BPT for the paint spray booth:

- a. When spray application of paint is occurring, operate the exhaust fan and keep the paint spray room doors closed.
- b. Properly maintain the spray booth, including conducting frequent inspections of the blower equipment and the spray booth filter pads.
- c. Immediately clean up any spilled or excess coating material.
- d. Maintain a record of spray booth inspections, maintenance, failures, and corrective actions.

[A-654-71-F-N (March 12, 2008), BPT]

## 2. VOC Emissions

The painting and coating conducted by Pathway Metroflex is subject to 06-096 CMR 129, *Surface Coating Facilities*, (last amended March 3, 1998), as "surface coating of miscellaneous metal parts and products". [06-096 CMR 129 (1)(A)(6)] Section (1)(C)(4) specifies the applicability of emission limitations of this Chapter for such operations whose total actual emissions of VOC from all coating units, lines, or operations at the facility are 15 pounds VOC per day or greater unless the following are true:

- (a) The maximum theoretical emissions from all surface coating operations are limited by permit or order of the Department to 1,666 lb or less in any calendar month;
- (b) The facility is and has at all times been in compliance with this maximum theoretical emissions limit since issuance of the permit or order of the Department; and
- (c) The total actual emissions from the facility have not exceeded 1,666 lb in any calendar month since January 1990.

The facility's previous air emission license restricted VOC emissions from the facility's coating operations to no greater than 1,666 pounds of VOC per any calendar month, and that restriction is continued in this license renewal. Therefore, the coating operations at Pathway Metroflex are not subject to further limitations or restrictions under 06-096 CMR 129.

Pathway Metroflex shall not exceed a total annual VOC emission limit of 9.9 tons per year on a 12-month rolling total basis. [A-654-71-F-N (March 12, 2008), BPT]

3. HAP Emissions

Pathway Metroflex shall not exceed a total annual HAP emission limit of 9.9 tons per year on a 12-month rolling total basis. [A-654-71-F-N (March 12, 2008), BPT]

4. Compliance Demonstration

To demonstrate compliance with VOC and HAP emissions limits, Pathway Metroflex shall maintain records of coatings used and corresponding VOC and HAP emissions. The record shall include VOC and HAP emissions calculations based on material usage and VOC and HAP content of the material. The record shall also include dates of coating operations, type of coatings used, volume of coatings used, and VOC and HAP content of the coatings based on purchase receipts and material safety data sheets (SDS). The record shall be maintained on a monthly and a twelve-month rolling total basis. [A-654-71-F-N (March 12, 2008), BPT]

C. Gluing Operations

Pathway Metroflex utilizes glue to bond fabric materials together in the production and repair of fabric expansion joints. Pathway Metroflex estimates total facility use of less than 50 gallons per year of adhesive. The facility shall maintain a record of glue usage which shall include glue purchase receipts, glue types, and SDS for the glues being used.

Because adhesives and sealants used by Pathway Metroflex are limited to less than 55 gallons per year, the facility is not subject to requirements of 06-096 CMR 159, *Control of Volatile Organic Compounds from Adhesives and Sealants*, (last amended June 24, 2009). [06-096 CMR 159 (3)(D)] However, VOC and HAP emissions from Gluing Operations shall be included in the 9.9 tons/year limit on VOC emissions and the 9.9 ton/year limit on HAP emissions from the facility.

D. Shot Blast Room

Pathway Metroflex operates a shot blast room which utilizes steel shot for sandblasting of products being manufactured. After blasting, the shot is reclaimed and reused. Pollutants associated with shot blasting operations are PM and PM<sub>10</sub>. A dust collection system filters exhaust from the shot blast room and returns the filtered exhaust stream to the inside of the facility's manufacturing space. Pathway Metroflex shall comply with a program of inspection, maintenance, and repair for the shot blast room exhaust system that allows for periodic inspection of the exhaust system. The facility shall maintain a record of

all blast room exhaust system inspections and all maintenance and repairs done on the system.

Fugitive particulate matter emissions from the shot blast operation shall be controlled so as to prevent visible emissions in excess of 20% opacity, except for no more than five-minutes in any one-hour period. [06-096 CMR 101 (2)(B)(4)]

E. General Process Emissions

Visible emissions from any general process source shall not exceed an opacity of 20% on a six-minute block average basis, except for no more than one six-minute block average in a one-hour period.

F. Annual Emissions

1. Total Annual Emissions

Pathway Metroflex shall be restricted to the following annual emissions, based on a 12-month rolling total:

**Total Licensed Annual Emissions for the Facility**  
(used to calculate the annual license fee)

	<u>PM</u>	<u>PM<sub>10</sub></u>	<u>SO<sub>2</sub></u>	<u>NO<sub>x</sub></u>	<u>CO</u>	<u>VOC</u>	<u>HAP</u>
<b>Tons/Year</b>	--	--	--	--	--	<b>9.9</b>	<b>9.9</b>

2. Greenhouse Gases

Greenhouse gases are considered regulated pollutants as of January 2, 2011, through 'Tailoring' revisions made to EPA's *Approval and Promulgation of Implementation Plans*, 40 CFR Part 52, Subpart A, §52.21 *Prevention of Significant Deterioration of Air Quality* rule. Greenhouse gases, as defined in 06-096 CMR 100 (as amended), are the aggregate group of the following gases: carbon dioxide, nitrous oxide, methane, hydrofluorocarbons, perfluorocarbons, and sulfur hexafluoride. For licensing purposes, greenhouse gases (GHG) are calculated and reported as carbon dioxide equivalents (CO<sub>2</sub>e).

Based on worst case emission factors from AP-42, IPCC (Intergovernmental Panel on Climate Change), and *Mandatory Greenhouse Gas Reporting*, 40 CFR Part 98, and the global warming potentials contained in 40 CFR Part 98, Pathway Metroflex is below the major source threshold of 100,000 tons of CO<sub>2</sub>e per year. Therefore, no additional licensing requirements are needed to address GHG emissions.

#### IV. AMBIENT AIR QUALITY ANALYSIS

The level of ambient air quality impact modeling required for a minor source is determined by the Department on a case-by case basis. In accordance with 06-096 CMR 115, an ambient air quality impact analysis is not required for a minor source if the total emissions of any pollutant released do not exceed the following levels and there are no extenuating circumstances:

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

The total facility licensed emissions are below the emission levels contained in the table above and there are no extenuating circumstances; therefore, an ambient air quality impact analysis is not required as part of this license.

#### ORDER

Based on the above, the Department concludes that the applicant for the air emission license transfer has the capacity to satisfy all applicable statutory criteria and hereby APPROVES the transfer of Air Emission License A-654-71-F-N, from WahlcoMetroflex, Inc. to Pathway Metroflex, subject to all conditions attached to it.

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, and
- will not violate applicable ambient air quality standards in conjunction with emissions from other sources.

The Department hereby grants Air Emission License A-654-71-G-N/T subject to the following conditions.

Severability. The invalidity or unenforceability of any provision of this License or part thereof 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-A. [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 emissions 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) **Coating Operations** [A-654-71-F-N (March 12, 2008), BPT]
- A. Pathway Metroflex shall operate the exhaust fan and keep the paint spray room doors closed when spraying application of paint or coating is occurring.
  - B. The paint spray room shall be properly operated and maintained, including frequent inspections of the blower equipment and the spray booth filter pads.
  - C. Spilled or excess coating material shall be cleaned up immediately.
  - D. Pathway Metroflex shall maintain a record of spray booth inspections, maintenance, failures, and corrective actions.
  - E. Visible emissions from the paint room and exhaust fan shall not exceed 10% opacity on a six-minute block average basis, except for no more than one six-minute block average in a one-hour period. [06-096 CMR 101 (2)(B)(3)(c)]

- F. Pathway Metroflex shall maintain records of VOC and HAP emissions and coating material usage. The records shall include VOC and HAP emissions calculations based on material usage and VOC and HAP content of the material. Records shall also include dates of coating operations, type of coatings used, volume of coatings used, and VOC and HAP content of the coatings based on purchase receipts and SDS. Records shall be maintained on a monthly and a twelve-month rolling total basis.

**(17) Gluing Operations**

- A. Pathway Metroflex shall maintain records of glue usage which shall include glue purchase receipts, glue types, and SDS for the glues being used. [A-654-71-F-N (March 12, 2008), BPT]
- B. Total glue, adhesive, and sealant usage at the facility shall not exceed 54.9 gallons per year. Pathway Metroflex shall maintain monthly documentation of compliance with this limit to verify that the facility remains not subject to requirements of 06-096 CMR 159, *Control of Volatile Organic Compounds from Adhesives and Sealants*.

**(18) Shot Blast Room**

- A. Pathway Metroflex shall continue the established program and recordkeeping of inspection, maintenance, and repair for the shot blast room exhaust system which allows for periodic inspection of the exhaust system. [A-654-71-F-N (March 12, 2008), BPT]
- B. Fugitive particulate matter emissions from the shot blast operation shall be controlled so as to prevent visible emissions in excess of 20% opacity, except for no more than five-minutes in any one-hour period. [06-096 CMR 101 (2)(B)(4)]

**(19) Facility-Wide Limitations**

- A. Paints, coatings and any solvents shall be stored properly sealed containers. [A-654-71-F-N (March 12, 2008), BPT]
- B. VOC emissions from the facility shall not exceed 1,666 pounds of VOC in any calendar month. This shall include VOC emissions from the Coating Operations, the Gluing Operations, and other, miscellaneous sources of VOC emissions from the facility. Pathway Metroflex shall maintain documentation of compliance with this limit, verifying exemption from the requirements of 06-096 CMR 129. [06-096 CMR 129(1)(C)(4)]
- C. Total VOC emissions from the facility shall not exceed 9.9 tons per year based on a 12-month rolling total. This shall include VOC emissions from the

Coating Operations, the Gluing Operations, and other, miscellaneous sources of VOC emissions from the facility. [A-654-71-F-N (March 12, 2008), BPT]

- D. Total HAP emissions from the facility shall not exceed 9.9 tons per year based on a 12-month rolling total. This shall include HAP emissions from the Coating Operations, the Gluing Operations, and other, miscellaneous sources of HAP emissions from the facility. [A-654-71-F-N (March 12, 2008), BPT]
- (20) Visible emissions from any general process source shall not exceed 20% opacity on a six-minute block average basis, except for no more than one six-minute block average in a one-hour period. [06-096 CMR 101]
- (21) Pathway Metroflex shall keep a copy of this Order on site and ensure that operator(s) are familiar with the terms of this Order.
- (22) Pathway Metroflex 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 10 DAY OF October, 2013.

DEPARTMENT OF ENVIRONMENTAL PROTECTION

BY:

  
PATRICIA W. AHO, COMMISSIONER

**The term of this license shall be ten (10) years from the signature date above.**

[Note: If a renewal application determined by the Department as complete is submitted prior to expiration of this license, then pursuant to Title 5 MRSA §10002, all terms and conditions of the license shall remain in effect until the Department takes final action on the license renewal application.]

PLEASE NOTE ATTACHED SHEET FOR GUIDANCE ON APPEAL PROCEDURES

Date of initial receipt of application: July 24, 2013

Date of application acceptance: August 1, 2013

Date filed with the Board of Environmental Protection:

This Order prepared by Jane E. Gilbert, Bureau of Air Quality.

