



STATE OF MAINE  
DEPARTMENT OF ENVIRONMENTAL PROTECTION



PAUL R. LEPAGE  
GOVERNOR

PAUL MERCER  
COMMISSIONER

**City of Bangor  
Bangor International Airport  
Penobscot County  
Bangor, Maine  
A-906-71-I-A (SM)**

**Departmental  
Findings of Fact and Order  
Air Emission License  
Amendment #2**

**FINDINGS OF FACT**

After review of the air emission license amendment application, staff investigation reports and other documents in the applicant's file in the Bureau of Air Quality, pursuant to 38 Maine Revised Statutes Annotated (M.R.S.A.), §344 and §590, the Maine Department of Environmental Protection (Department) finds the following facts:

**I. REGISTRATION**

**A. Introduction**

City of Bangor, Bangor International Airport (BIA) was issued Air Emission License A-906-71-H-R/A on October 6, 2015, permitting the operation of emission sources associated with their air travel facility.

BIA has requested an amendment to their license in order to reinstall Generator DAB-2, which was removed from service in Air Emission License A-906-71-H-R/A, in Building 600 as an emergency generator and rename it BLDG 600 Generator.

The Department is also including revised values in lb/hr and tons/year for NO<sub>x</sub> emissions from all fifteen boilers in this license amendment based on the most current and accurate emission factor for NO<sub>x</sub> from these boilers.

The equipment addressed in this license is located at 287 Godfrey Boulevard, Bangor, Maine.

B. Emission Equipment

The following equipment is addressed in this air emission license amendment:

**Fuel Burning Equipment**

<u>Emission Unit</u>	<u>Maximum Capacity (MMBtu/hr)</u>	<u>Maximum Firing Rate (gal/hr, scf/hr)</u>	<u>Fuel Type</u>	<u>Stack #</u>
Boiler IAB-1	4.2	29.9 4180	Distillate Fuel, Jet A Fuel, Natural Gas	IAB-1
Boiler IAB-2	4.2	29.9 4180	Distillate Fuel, Jet A Fuel, Natural Gas	IAB-2
Boiler DAB-1A	6.1	43.7 6124	Distillate Fuel, Jet A Fuel, Natural Gas	DAB-1A
Boiler 461-1	6.3	45 6300	Distillate Fuel, Jet A Fuel, Natural Gas	461-1
Boiler 462-1	6.1	43.7 6124	Distillate Fuel, Jet A Fuel, Natural Gas	462-1
Boiler 463-1	6.1	43.7 6124	Distillate Fuel, Jet A Fuel, Natural Gas	463-1
Boiler 464-1	6.3	44.9 6280	Distillate Fuel, Jet A Fuel, Natural Gas	464-1
Boiler 457-1	2.8	19.8 2770	Distillate Fuel, Jet A Fuel, Natural Gas	457-1
Boiler 268-1	2.8	19.8 2770	Distillate Fuel, Jet A Fuel, Natural Gas	268-1
Boiler 271-1	1.5	10.7 1500	Distillate Fuel, Jet A Fuel, Natural Gas	271-1
Boiler 253-1	1.5	10.7 1500	Distillate Fuel, Jet A Fuel, Natural Gas	253-1
Boiler 96-1	1.5	10.7 1500	Distillate Fuel, Jet A Fuel, Natural Gas	96-1
Boiler 100-1	2.8	19.8 2770	Distillate Fuel, Jet A Fuel, Natural Gas	100-1
Boiler 100-2	2.8	20.0 2800	Distillate Fuel, Jet A Fuel, Natural Gas	100-2
Boiler 269-1	1.6	11.4 1580	Distillate Fuel, Jet A Fuel, Natural Gas	269-1

Generator

<u>Emission Unit</u>	<u>Maximum Capacity (MMBtu/hr)</u>	<u>Firing Rate (gal/hr)</u>	<u>Power Output (kW)</u>	<u>Fuel Type, % sulfur</u>	<u>Date of Manuf.</u>	<u>Stack</u>
BLDG 600 Generator	1.4	10.1	145	Distillate fuel, 0.0015%	1992	BLDG 600

C. Definitions

*Distillate Fuel* means fuel oil that complies with the specifications for fuel oil numbers 1 or 2, as defined by the American Society for Testing and Materials in ASTM D396, diesel fuel oil numbers 1 or 2, as defined in ASTM D975, kerosene, as defined in ASTM D3699, biodiesel as defined in ASTM D6751, or biodiesel blends as defined in ASTM D7467.

D. Application Classification

The modification of a minor source is considered a major or minor modification based on whether or not expected emission increases exceed the “Significant Emission” levels as defined in the Department’s *Definitions Regulation*, 06-096 CMR 100 (as amended). The emission increases are determined by subtracting the current licensed annual emissions preceding the modification from the maximum future licensed annual emissions, as follows:

<u>Pollutant</u>	<u>Current License (TPY)</u>	<u>Future License (TPY)</u>	<u>Net Change (TPY)</u>	<u>Significant Emission Levels</u>
PM	6.9	6.9	-	100
PM <sub>10</sub>	6.9	6.9	-	100
SO <sub>2</sub>	25.7	25.7	-	100
NO <sub>x</sub>	24.8	19.8	-5.0	100
CO	7.0	7.1	+0.1	100
VOC	12.8	12.8	-	50
CO <sub>2</sub> e	<100,000	<100,000	-	100,000

This modification is determined to be a minor modification and has been processed as such.

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 (as amended). Separate control requirement categories exist for new and existing equipment.

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 (as amended). 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. BLDG 600 Generator

BIA plans to reinstall Generator DAB-2 and rename it BLDG 600 Generator. BLDG 600 Generator is a generator set consisting of an engine and an electrical generator. BLDG 600 Generator has an engine rated at 1.4 MMBtu/hr which fires distillate fuel with a maximum sulfur content of 0.0015% by weight (15 ppm). BLDG 600 Generator was manufactured in 1992. BLDG 600 Generator will be an emergency generator used in support of Building 600.

##### 1. BPT Findings

The BPT emission limits for BLDG 600 Generator are based on the following:

- PM/PM<sub>10</sub> - 0.12 lb/MMBtu from 06-096 CMR 115, BPT
- SO<sub>2</sub> - 0.0015 lb/MMBtu based on combustion of distillate fuel with a maximum sulfur content not to exceed 15 ppm (0.0015% sulfur by weight)
- NO<sub>x</sub> - 4.41 lb/MMBtu from AP-42, Table 3.3-1, dated 10/96
- CO - 0.95 lb/MMBtu from AP-42, Table 3.3-1, dated 10/96
- VOC - 0.35 lb/MMBtu from AP-42, Table 3.3-1, dated 10/96
- Opacity - 06-096 CMR 101

The BPT emission limits for BLDG 600 Generator are the following:

<u>Emission Unit</u>	<u>PM</u> <u>(lb/hr)</u>	<u>PM<sub>10</sub></u> <u>(lb/hr)</u>	<u>SO<sub>2</sub></u> <u>(lb/hr)</u>	<u>NO<sub>x</sub></u> <u>(lb/hr)</u>	<u>CO</u> <u>(lb/hr)</u>	<u>VOC</u> <u>(lb/hr)</u>
BLDG 600 Generator	0.17	0.17	0.01	6.17	1.33	0.49

Visible emissions from BLDG 600 Generator shall not exceed 20% opacity on a six-minute block average basis, except for no more than two six-minute block averages in a three-hour period.

2. 40 CFR Part 63, Subpart ZZZZ

The federal regulation 40 CFR Part 63, Subpart ZZZZ, *National Emission Standards for Hazardous Air Pollutants (NESHAP) for Stationary Reciprocating Internal Combustion Engines* is applicable to the BLDG 600 Generator. The unit is considered an existing, emergency stationary reciprocating internal combustion engines at an area HAP source and is not subject to New Source Performance Standards regulations. EPA's August 9, 2010 memo (*Guidance Regarding Definition of Residential, Commercial, and Institutional Emergency Stationary RICE in the NESHAP for Stationary RICE*) specifically does not exempt the units at this facility from the federal requirements. The 40 CFR Part 63, Subpart ZZZZ Requirements for BLDG 600 Generator are listed below:

a. Operation and Maintenance Requirements

	<b>Operating Limitations (40 CFR §63.6603(a) and Table 2(d))</b>
Compression ignition (distillate fuel) units: BLDG 600 Generator	<ul style="list-style-type: none"><li>- Change oil and filter every 500 hours of operation or annually, whichever comes first;</li><li>- Inspect the air cleaner every 1000 hours of operation or annually, whichever comes first, and replace as necessary; and</li><li>- Inspect all hoses and belts every 500 hours of operation or annually, whichever comes first, and replace as necessary.</li></ul>

The engine shall be operated and maintained according to the manufacturer's emission-related written instructions, or BIA shall develop a maintenance plan which provides to the extent practicable for the maintenance and operation of the engine in a manner consistent with good air pollution control practice for minimizing emissions. [40 CFR §63.6625(e)]

b. Optional Oil Analysis Program

BIA has the option of utilizing an oil analysis program which complies with the requirements of §63.6625(i) in order to extend the specified oil change requirement. If this option is used, BIA must keep records of the parameters that are analyzed as part of the program, the results of the analysis, and the oil changes

for the engine. The analysis program must be part of the maintenance plan for the engine. [40 CFR §63.6625(i)]

c. Non-Resettable Hour Meter Requirement

A non-resettable hour meter shall be installed and operated on the engine. [40 CFR §63.6625(f)]

d. Startup Idle and Startup Time Minimization Requirements

During periods of startup, the facility must minimize the engine's time spent at idle and minimize the engine's startup time to a period needed for appropriate and safe loading of the engine, not to exceed 30 minutes. [40 CFR §63.6625(h) & 40 CFR Part 63, Subpart ZZZZ Table 2d]

e. Annual Time Limit for Maintenance and Testing

The BLDG 600 Generator shall be limited to 100 hours/year for maintenance checks and readiness testing. Up to 50 hours/year of the 100 hours/year may be used in non-emergency situations (this does not include peak shaving, non-emergency demand response, or to generate income for a facility by providing power to an electric grid or otherwise supply power as part of a financial arrangement with another entity unless the conditions in §63.6640(f)(4)(ii) are met). [40 CFR §63.6640(f)]

f. Recordkeeping

BIA shall keep records that include maintenance conducted on the engine and the hours of operation of the engine recorded through the non-resettable hour meter. Documentation shall include the hours spent for emergency operation, including what classified the operation as emergency and the hours spent for non-emergency. If the engine is operated during a period of demand response or deviation from standard voltage or frequency, or to supply power during a non-emergency situation as part of a financial arrangement with another entity as specified in §63.6640(f)(4)(ii), BIA shall keep records of the notification of the emergency situation, and the date, start time, and end time of engine operation for these purposes. [40 CFR §63.6655(e) and (f)]

g. Requirements for Demand Response Availability Over 15 Hours Per Year (and greater than 100 brake hp)

If BLDG 600 Generator at BIA operates or is contractually obligated to be available for more than 15 hours per calendar year in a demand response program, during a period of deviation from standard voltage or frequency, or supplying

power during a non-emergency situation as part of a financial arrangement with another entity as specified in §63.6640(f)(4)(ii), the facility shall submit an annual report containing the information in §63.6650(h)(1)(i) through (ix). The first annual report must cover the calendar year 2015 and must be submitted no later than March 31, 2016. Subsequent annual reports for each calendar year must be submitted no later than March 31 of the following calendar year. The annual report must be submitted electronically using the Compliance and Emissions Data Reporting Interface (CEDRI) that is accessed through EPA's Central Data Exchange (CDX) ([www.epa.gov/cdx](http://www.epa.gov/cdx)). However, if the reporting form is not available in CEDRI at the time that the report is due, the written report must be submitted to the following address:

U.S. Environmental Protection Agency, Region I  
5 Post Office Square, Suite 100 (OES04-2)  
Boston, MA 02109-3912  
Attn: Air Compliance Clerk

[40 CFR §63.6650(h)]

C. Corrected Boiler NO<sub>x</sub> Emission Values

The NO<sub>x</sub> emission factor for all fifteen boilers in the facility's current air emission license was identified as 20 lb/1,000 gallon per AP-42, Table 1.3-1 (5/10).

The lb/hr NO<sub>x</sub> emissions for the boilers are as follows:

<b><u>Emission Unit</u></b>	<b><u>NO<sub>x</sub> (lb/hr)</u></b>
Boiler IAB-1	0.60
Boiler IAB-2	0.60
Boiler DAB-1A	0.87
Boiler 461-1	0.90
Boiler 462-1	0.87
Boiler 463-1	0.87
Boiler 464-1	0.90
Boiler 457-1	0.40
Boiler 268-1	0.40
Boiler 271-1	0.21
Boiler 253-1	0.21
Boiler 96-1	0.21
Boiler 100-1	0.40
Boiler 100-2	0.40
Boiler 269-1	0.23

D. Annual Emissions

BIA shall be restricted to the following annual emissions, based on a calendar year total. The tons per year limits were calculated based on the following:

- 200 hours of operation per year for the Snow Melter.
- 100 hours of operation per year for each generator, including the BLDG 600 Generator.
- A heat input limit of 98,000 MMBtu of fuel per year for the Boilers. This equates to approximately 700,000 gallons of distillate fuel or 98,000 MMscf of natural gas per year. The emissions were based on the worst case scenario of firing 100% distillate fuel for PM, SO<sub>2</sub>, and NO<sub>x</sub>, and firing 100% natural gas for CO and VOC.
- A limit of 1,500 lbs of VOC per calendar month and 9 tons/year from the Paint Spray Booth.
- HAP emission limits of 9.9 tons per year for a single HAP and 24.9 tons per year for all HAP emissions combined.

**Total Licensed Annual Emissions for the Facility**

**Tons/year**

(used to calculate the annual license fee)

	<b>PM</b>	<b>PM<sub>10</sub></b>	<b>SO<sub>2</sub></b>	<b>NO<sub>x</sub></b>	<b>CO</b>	<b>VOC</b>
Boilers	5.9	5.9	24.7	7.0*	4.1	0.3
Snow Melter	0.1	0.1	0.5	0.3	0.1	0.1
Emergency Generators**	0.9	0.9	0.5	12.5	2.9	1.1
Paint Spray Booth	--	--	--	--	--	9.0
Storage Tanks	--	--	--	--	--	2.3
<b>Total TPY</b>	<b>6.9</b>	<b>6.9</b>	<b>25.7</b>	<b>19.8</b>	<b>7.1</b>	<b>12.8</b>

\*Corrected to reflect the most current and accurate emission factor for NO<sub>x</sub> for these boilers

\*\*Includes emissions from BLDG 600 Generator

This amendment will not affect BIA's HAP limits.

**III. AMBIENT AIR QUALITY ANALYSIS**

The level of ambient air quality impact modeling required for a minor source shall be 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 licensed annual 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 licensed annual emissions for the facility 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 amendment.

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

The Department hereby grants Air Emission License Amendment A-906-71-I-A subject to the conditions found in Air Emission License A-906-71-H-R/A, and the following condition.

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.

**The following Condition shall be added to Air Emission License A-906-71-H-R/A:**

**(24) BLDG 600 Generator**

- A. As an emergency generator, the BLDG 600 Generator shall be limited to 100 hours of operation per calendar year, excluding operating hours during emergency situations. [06-096 CMR 115, BPT]
- B. The fuel sulfur content for BLDG 600 Generator shall be limited to 0.0015% sulfur by weight. Compliance shall be demonstrated by fuel records from the supplier documenting the type of fuel delivered and the sulfur content of the fuel. [06-096 CMR 115, BPT]

C. Emissions shall not exceed the following [06-096 CMR 115, BPT]:

<b>Emission Unit</b>	<b>PM (lb/hr)</b>	<b>PM<sub>10</sub> (lb/hr)</b>	<b>SO<sub>2</sub> (lb/hr)</b>	<b>NO<sub>x</sub> (lb/hr)</b>	<b>CO (lb/hr)</b>	<b>VOC (lb/hr)</b>
BLDG 600 Generator	0.17	0.17	0.01	6.17	1.33	0.49

D. Visible emissions from the BLDG 600 Generator shall not exceed 20% opacity on a six-minute block average basis, except for no more than two six-minute block averages in a three-hour period. [06-096 CMR 101]

E. The BLDG 600 Generator shall meet the applicable requirements of 40 CFR Part 63, Subpart ZZZZ, including the following:

1. BIA shall meet the following operational limitations for the BLDG 600 Generator:
  - a. Change the oil and filter annually,
  - b. Inspect the air cleaner annually and replace as necessary, and
  - c. Inspect the hoses and belts annually and replace as necessary.

Records shall be maintained documenting compliance with the operational limitations.

[40 CFR §63.6603(a) and Table 2(d) and 06-096 CMR 115, BPT]

2. Oil Analysis Program Option

BIA has the option of utilizing an oil analysis program which complies with the requirements of §63.6625(i) in order to extend the specified oil change requirement. If this option is used, BIA must keep records of the parameters that are analyzed as part of the program, the results of the analysis, and the oil changes for the engine. The analysis program must be part of the maintenance plan for the engine. [40 CFR §63.6625(i)]

3. Non-Resettable Hour Meter

A non-resettable hour meter shall be installed and operated on the engine. [40 CFR §63.6625(f)]

4. Maintenance, Testing, and Non-Emergency Operating Situations

- a. The BLDG 600 Generator shall be limited to 100 hours of operation per calendar year for the following purposes:
- (1) Maintenance checks and readiness testing
  - (2) Other non-emergency operations<sup>1</sup> which may occur for up to 50 hours of the above specified 100 hours of operation per calendar year.

There is no limitation on the hours of operation of the BLDG 600 Generator for emergency purposes. Compliance shall be demonstrated by records (electronic or written logs) of all engine operating hours and the purpose of operation for each occasion an engine was operated.

[40 CFR §63.6640(f) and 06-096 CMR 115, BPT]

- b. BIA shall keep records that include maintenance conducted on the engine and the hours of operation of the engine recorded through the non-resettable hour meter. Documentation shall include the hours spent for emergency operation, including what classified the operation as emergency and the hours spent for non-emergency. If the engine is operated during a period of demand response or deviation from standard voltage or frequency, or to supply power during a non-emergency situation as part of a financial arrangement with another entity as specified in §63.6640(f)(4)(ii), BIA shall keep records of the notification of the emergency situation, and the date, start time, and end time of engine operation for these purposes. [40 CFR §63.6655(e) and (f)]

5. Operation and Maintenance

The engine shall be operated and maintained according to the manufacturer's emission-related written instructions, or BIA shall develop a maintenance plan which must provide to the extent practicable for the maintenance and operation of the engine in a manner consistent with good air pollution control practice for minimizing emissions. [40 CFR §63.6625(e)]

6. Startup Idle and Startup Time Minimization

During periods of startup, the facility must minimize the engine's time spent at idle and minimize the engine's startup time to a period needed for appropriate and safe loading of the engine, not to exceed 30 minutes. [40 CFR §63.6625(h) & 40 CFR Part 63, Subpart ZZZZ Table 2d]

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<sup>1</sup> Other non-emergency operations shall not include peak shaving, non-emergency demand response participation, the generation of income for a facility by providing power to a power grid, or the supplying of power as part of a financial arrangement with another entity unless the conditions in 40 CFR §63.6640(f)(4)(ii) are met.

7. Requirements For Demand Response Availability Over 15 Hours Per Year (and greater than 100 brake hp)

If the BLDG 600 Generator at BIA operates or is contractually obligated to be available for more than 15 hours per calendar year in a demand response program, during a period of deviation from standard voltage or frequency, or supplying power during a non-emergency situation as part of a financial arrangement with another entity as specified in §63.6640(f)(4)(ii), the facility shall submit an annual report containing the information in §63.6650(h)(1)(i) through (ix). The first annual report must cover the calendar year 2015 and must be submitted no later than March 31, 2016. Subsequent annual reports for each calendar year must be submitted no later than March 31 of the following calendar year. The annual report must be submitted electronically using the Compliance and Emissions Data Reporting Interface (CEDRI) that is accessed through EPA's Central Data Exchange (CDX) ([www.epa.gov/cdx](http://www.epa.gov/cdx)). However, if the reporting form is not available in CEDRI at the time that the report is due, the written report must be submitted to the following address:

U.S. Environmental Protection Agency, Region I  
5 Post Office Square, Suite 100 (OES04-2)  
Boston, MA 02109-3912  
Attn: Air Compliance Clerk

[40 CFR §63.6650(h)]

The following shall replace Condition (16)(C) of Air Emission License A-906-71-H-R/A:

(16) **Boilers**

C. Emissions shall not exceed the following when firing distillate fuel or Jet A fuel [06-096 CMR 115, BPT]:

<b>Emission Unit</b>	<b>PM (lb/hr)</b>	<b>PM<sub>10</sub> (lb/hr)</b>	<b>SO<sub>2</sub> (lb/hr)</b>	<b>NO<sub>x</sub> (lb/hr)</b>	<b>CO (lb/hr)</b>	<b>VOC (lb/hr)</b>
Boiler IAB-1	0.50	0.50	2.10	0.60	0.15	0.02
Boiler IAB-2	0.50	0.50	2.10	0.60	0.15	0.02
Boiler DAB-1A	0.73	0.73	3.08	0.87	0.24	0.01
Boiler 461-1	0.76	0.76	3.17	0.90	0.23	0.03
Boiler 462-1	0.73	0.73	3.08	0.87	0.22	0.02
Boiler 463-1	0.73	0.73	3.08	0.87	0.22	0.02
Boiler 464-1	0.73	0.73	3.08	0.90	0.22	0.02
Boiler 457-1	0.33	0.33	1.39	0.40	0.10	0.01
Boiler 268-1	0.33	0.33	1.39	0.40	0.10	0.01
Boiler 271-1	0.18	0.18	0.76	0.21	0.05	0.01
Boiler 253-1	0.18	0.18	0.76	0.21	0.05	0.01
Boiler 96-1	0.18	0.18	0.76	0.21	0.05	0.01
Boiler 100-1	0.33	0.33	1.39	0.40	0.10	0.01
Boiler 100-2	0.34	0.34	1.41	0.40	0.10	0.01
Boiler 269-1	0.19	0.19	0.80	0.23	0.06	0.01

Emissions shall not exceed the following when firing natural gas [06-096 CMR 115, BPT]:

<b>Emission Unit</b>	<b>PM (lb/hr)</b>	<b>PM<sub>10</sub> (lb/hr)</b>	<b>SO<sub>2</sub> (lb/hr)</b>	<b>NO<sub>x</sub> (lb/hr)</b>	<b>CO (lb/hr)</b>	<b>VOC (lb/hr)</b>
Boiler IAB-1	0.21	0.21	0.01	0.42	0.35	0.02
Boiler IAB-2	0.21	0.21	0.01	0.42	0.35	0.02
Boiler DAB-1A	0.31	0.31	0.01	0.43	0.24	0.02
Boiler 461-1	0.32	0.32	0.01	0.63	0.53	0.03
Boiler 462-1	0.31	0.31	0.01	0.61	0.51	0.03
Boiler 463-1	0.31	0.31	0.01	0.61	0.51	0.03
Boiler 464-1	0.31	0.31	0.01	0.61	0.51	0.03
Boiler 457-1	0.14	0.14	0.01	0.28	0.23	0.02
Boiler 268-1	0.14	0.14	0.01	0.28	0.23	0.02
Boiler 271-1	0.08	0.08	0.01	0.15	0.13	0.01
Boiler 253-1	0.08	0.08	0.01	0.15	0.13	0.01
Boiler 96-1	0.08	0.08	0.01	0.15	0.13	0.01

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<u>Emission Unit</u>	<u>PM (lb/hr)</u>	<u>PM<sub>10</sub> (lb/hr)</u>	<u>SO<sub>2</sub> (lb/hr)</u>	<u>NO<sub>x</sub> (lb/hr)</u>	<u>CO (lb/hr)</u>	<u>VOC (lb/hr)</u>
Boiler 100-1	0.14	0.14	0.01	0.28	0.23	0.02
Boiler 100-2	0.14	0.14	0.01	0.28	0.24	0.02
Boiler 269-1	0.08	0.08	0.01	0.15	0.13	0.01

DONE AND DATED IN AUGUSTA, MAINE THIS *12* DAY OF *April*, 2016.

DEPARTMENT OF ENVIRONMENTAL PROTECTION

BY: *Paul Mercer*  
PAUL MERCER, COMMISSIONER

**The term of this amendment shall be concurrent with the term of Air Emission License A-906-71-H-R/A.**

PLEASE NOTE ATTACHED SHEET FOR GUIDANCE ON APPEAL PROCEDURES

Date of initial receipt of application: 10/19/2015

Date of application acceptance: 10/30/2015

Date filed with the Board of Environmental Protection:

This Order prepared by Jonathan E. Rice, Bureau of Air Quality.

