



DEPARTMENT ORDER

**Sargent Corporation  
Penobscot County  
Plymouth, Maine  
A-677-71-G-M (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 (M.R.S.) § 344 and § 590, the Maine Department of Environmental Protection (the Department) finds the following facts:

**I. REGISTRATION**

A. Introduction

Sargent Corporation (Sargent) was issued Air Emission License A-677-71-E-R on June 25, 2012, for the operation of emission sources associated with their portable crushed stone and gravel facility located at 2363 Moosehead Trail, Plymouth, Maine. The license was subsequently amended on May 3, 2016 (A-677-71-F-A).

Sargent has requested a minor revision to their license in order to remove Diesel Unit #1 and Diesel Unit #3 from their license.

The main office is located at 378 Bennoch Road, Stillwater, Maine.

B. Emission Equipment

The following equipment is addressed in this Air Emission License Amendment:

**Generator Units Removed in this Air Emission License Amendment**

<b>Unit ID</b>	<b>Power Output (kW)</b>	<b>Max. Capacity (MMBtu/hr)</b>	<b>Max. Firing Rate (gal/hr)</b>	<b>Fuel Type, % sulfur</b>	<b>Date of Manuf.</b>
Diesel Unit #2 (#99226)	725	7.3	53.5	distillate fuel, 0.0015%	2007
Diesel Unit #3 (#99203)	350	6.2	45		1966

The units included in the table above were sold in 2016 and are no longer at the site; therefore, they are hereby removed from this air emission license.

C. Application Classification

All rules, regulations, or statutes referenced in this air emission license refer to the amended version in effect as of the issued date of this license.

This amendment will not increase emissions of any pollutant. Therefore, this amendment is determined to be a minor revision and has been processed as such.

II. **BEST PRACTICAL TREATMENT**

A. Removal of Equipment

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 C.M.R. ch. 100. Separate control requirement categories exist for new and existing equipment.

The removal of Diesel Units #2 and #3 in this air emission license amendment will have no effect on the requirements for remaining Diesel Units #1 and #4.

B. Annual Emissions

This amendment will not affect the facility's licensed annual emissions.

**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 Amendment A-677-71-G-M, subject to the conditions found in Air Emission License A-677-71-E-R, in amendment A-677-71-F-A, and 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.

**SPECIFIC CONDITIONS**

**Specific Condition (17) of Air Emission License Amendment A-677-71-F-A (dated May 3, 2016) shall be replaced with the following Specific Condition:**

**(17) Diesel Units #1 and #4**

**A. Fuel Use**

1. Diesel Units #1 and #4 are licensed to fire distillate fuel with a maximum sulfur content not to exceed 15 ppm (0.0015% sulfur by weight). [06-096 C.M.R. ch. 115, BACT/BPT]
2. Total fuel use for Diesel Units #1 and #4 combined shall not exceed 60,000 gal/yr of distillate fuel. Compliance shall be demonstrated by fuel records from the supplier showing the quantity, type, and sulfur content of fuel delivered. Records of annual fuel use shall be kept on a monthly and calendar year total basis. [06-096 C.M.R. ch. 115, BACT/BPT]

**B. Emissions shall not exceed the following:**

<u>Unit</u>	<u>Pollutant</u>	<u>lb/MMBtu</u>	<u>Origin and Authority</u>
Diesel Unit #1	PM	0.12	06-096 C.M.R. ch. 103 § (2)(B)(1)(a)

**C. Emissions shall not exceed the following [06-096 C.M.R. ch.115, BACT/BPT]:**

<u>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>
Diesel Unit #1	0.88	0.88	0.01	23.46	6.23	0.66
Diesel Unit #4	0.34	0.34	0.01	12.35	2.66	0.98

D. Visible Emissions

1. Visible emissions from Diesel Unit #1 shall not exceed 20% opacity on a six-minute block average basis. [06-096 C.M.R. ch. 115, BACT]
2. Visible emissions from Diesel Unit #4 shall not exceed 20% opacity on a six-minute block average basis. [06-096 C.M.R. ch. 115, BPT]

DONE AND DATED IN AUGUSTA, MAINE THIS 17 DAY OF February, 2017.

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-677-71-E-R.**

PLEASE NOTE ATTACHED SHEET FOR GUIDANCE ON APPEAL PROCEDURES

Date of initial receipt of application: 1/19/2017

Date of application acceptance: 1/19/2017

Date filed with the Board of Environmental Protection:

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

