



DEPARTMENT ORDER

**Sargent Corporation
Penobscot County
Plymouth, Maine
A-677-71-J-M**

**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 (Department) finds the following facts:

I. REGISTRATION

A. Introduction

Sargent Corporation (Sargent) was issued Air Emission License A-677-71-H-R on December 20, 2017, for the operation of emission sources associated with their portable crushed stone and gravel facility. The license was subsequently amended on May 14, 2018 (A-677-71-I-A).

Sargent has requested a minor revision to their license to reflect recent changes made by the company to the identification numbers for their licensed equipment. No changes are being requested to be made to the licensed equipment or to the requirements of the current air emission license.

The equipment addressed in this license amendment is located at 378 Bennoch Road, Stillwater, Maine.

B. Emission Equipment

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

Rock Crushers

Equipment	Powered By	Process Rate (tons/hr)	Date of Manuf.	Control Device
Primary Jaw Crusher	Generators	528	2016	Spray Nozzles
Cone Crusher		460	2014	Spray Nozzles

Engines

Equipment	Max. Input Capacity (MMBtu/hr)	Rated Output Capacity (kW)	Fuel Type, % sulfur	Firing Rate (gal/hr)	Date of Manuf.
Diesel Unit #1	7.3	725	Distillate Fuel, 0.0015%	53.5	2007
Diesel Unit #4	2.7	317		19.8	1991

C. Equipment Numbering Changes

Sargent has assigned new identification numbers to their currently licensed equipment. The table below shows the equipment name, along with the old identification numbers as well as the new identification numbers that will be used going forward:

Equipment Name	Old Identification Number	New Identification Number
Primary Jaw Crusher	81040	810005
Cone Crusher	81036	810004
Diesel Unit #1	99225	920011
Diesel Unit #4	99208	920005

D. Application Classification

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

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

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-677-71-J-M subject to the conditions found in Air Emission License A-677-71-H-R, in amendment A-677-71-I-A, and the following conditions.

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

SPECIFIC CONDITIONS

The following Specific Condition shall replace Condition (16) of Air Emission License A-677-71-H-R (December 20, 2017):

(16) Nonmetallic Mineral Processing Plants

- A. Sargent shall maintain spray nozzles for control of particulate matter on the nonmetallic mineral processing plant. [A677-71-F-A (May 3, 2016), BACT]
- B. Sargent shall maintain records detailing and quantifying the hours of operation on a daily basis for Primary Jaw Crusher #810005 and Cone Crusher #810004. The operation records shall be kept on-site at the rock crushing location. [A-677-71-F-A (May 3, 2016), BACT]
- C. Visible emissions from Primary Jaw Crusher #810005 and Cone Crusher #810004 shall each be limited to no greater than 10% opacity on a six-minute block average basis. [06-096 C.M.R. ch. 101(3)(B)(2)]
- D. NSPS Subpart OOO Requirements

Sargent shall comply with all requirements of 40 C.F.R. Part 60, Subpart OOO applicable to Primary Jaw Crusher #810005 and Cone Crusher #810004 and each associated grinding mill, screening operation, bucket elevator, belt conveyor, bagging operation, storage bin, and enclosed truck or railcar loading station.

- 1. Visible emissions from any nonmetallic mineral processing plant equipment, other than rock crushers (including transfer points on belt conveyors, portable screens, etc.), which commenced construction, modification, or reconstruction before April 22, 2008, shall not exceed 10% opacity on a six-minute block average basis. [40 C.F.R. Part 60, Subpart OOO, Table 3]
- 2. Visible emissions from any nonmetallic mineral processing plant equipment, other than rock crushers (including transfer points on belt conveyors, portable screens, etc.) which commenced construction, modification, or reconstruction on or after April 22, 2008, shall not exceed 7% opacity on a six-minute block average basis. [40 C.F.R. Part 60, Subpart OOO, Table 3]

3. Sargent shall maintain records detailing the maintenance on particulate matter control equipment (including spray nozzles). Sargent shall perform monthly inspections of any water sprays to ensure water is flowing to the correct locations and initiate corrective action within 24 hours if water is found not to be flowing properly. Records of the date of each inspection and any corrective action shall be included in the maintenance records. The maintenance records shall be kept on-site at the rock crushing location. [A-677-71-F-A (May 3, 2016), BACT and 40 C.F.R. § 60.674(b)]
4. For the rock crushers and ancillary equipment subject to 40 C.F.R. Part 60 Subparts A and OOO, Sargent shall comply with the notification and recordkeeping requirements of 40 C.F.R. §§ 60.676 and § 60.7, except for § 60.7(a)(2) per § 60.676(h). [40 C.F.R. §§ 60.676(b), (f), and (i)]

DONE AND DATED IN AUGUSTA, MAINE THIS 25th DAY OF FEBRUARY, 2021.

DEPARTMENT OF ENVIRONMENTAL PROTECTION

BY:  for
MELANIE LOYZIM, ACTING COMMISSIONER

The term of this amendment shall be concurrent with the term of Air Emission License A-677-71-H-R.

PLEASE NOTE ATTACHED SHEET FOR GUIDANCE ON APPEAL PROCEDURES

Date of initial receipt of application: January 20, 2021

Date of application acceptance: January 20, 2021

Date filed with the Board of Environmental Protection:

This Order prepared by Patric J. Sherman, Bureau of Air Quality.

