



DEPARTMENT ORDER

**Sargent Corporation
Penobscot County
Stillwater, Maine
A-942-71-I-M**

**Departmental
Findings of Fact and Order
Air Emission License
Amendment #1**

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-942-71-H-R on February 24, 2017, for the operation of emission sources associated with their crushed stone and gravel facility.

Sargent has requested a minor revision to their license in order to update the names of the three existing rock crushers.

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

| Designation | Powered | Process Rate (tons/hour) | Date of Manufacture | Control Device |
|-------------------------|----------------|---------------------------------|----------------------------|-----------------------|
| #81017 (JCI K300 Cone) | Engine #4 | 300 | 2007 | Spray Nozzles |
| #81031 (JCI FT2650 Jaw) | Engine #6 | 300 | 2014 | Spray Nozzles |
| #81032 (JCI FT2650 Jaw) | Engine #2 | 300 | 2014 | Spray Nozzles |

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 licensed emissions of any pollutant. Therefore, this amendment is determined to be a minor revision and has been processed as such.

D. Facility Classification

With the annual fuel limit on the engines, the facility is licensed as follows:

- As a synthetic minor source of air emissions for NO_x, because Sargent is subject to license restrictions that keep facility emissions below major source thresholds for criteria pollutants; and
- As an area source of hazardous air pollutants (HAP), because the licensed emissions are below the major source thresholds for HAP.

II. **BEST PRACTICAL TREATMENT**

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

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. Rock Crushers

Sargent has updated the number designations of the three existing rock crushers, and they will be changed in this license amendment to better align with the facility's records. The following table details the change in naming for the rock crushers.

| Previous Designation | New Designation |
|-----------------------------|------------------------|
| #81017 | #810001 |
| #81031 | #810002 |
| #81032 | #810003 |

C. Annual Emissions

This license amendment will not change 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-942-71-I-M, subject to the conditions found in Air Emission A-942-71-H-R, 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 shall replace Specific Condition (16) of Air Emission License A-942-71-H-R.

(16) Rock Crushers

- A. Sargent shall install and maintain spray nozzles for particulate control on rock crushers #810001, #810002, and ##810003 and operate them as necessary to limit visible emissions to no greater than 10% opacity on a six-minute block average basis. [06-096 C.M.R. ch. 115, BPT and 06-096 C.M.R. ch. 101]
- B. Sargent shall maintain records detailing and quantifying the hours of operation on a daily basis for all of the rock crushers. The operation records shall be kept on-site at the rock crushing location. [06-096 C.M.R. ch. 115, BPT]
- C. 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 to not be flowing properly. Records of the date of each inspection and any corrective action required shall be included in the

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4

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maintenance records. The maintenance records shall be kept on-site at the rock crushing location. [06-096 C.M.R. ch. 115, BPT and 40 C.F.R. § 60.674(b)]

D. Rock crushers #810001, #810002, and ##810003 are subject to 40 C.F.R. Part 60 Subparts A and OOO, and Sargent shall comply with the notification and record keeping 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 21st DAY OF JANUARY, 2022.

DEPARTMENT OF ENVIRONMENTAL PROTECTION

BY:  for
MELANIE LOYZIM, COMMISSIONER

The term of this amendment shall be concurrent with the term of Air Emission License A-942-71-H-R.

PLEASE NOTE ATTACHED SHEET FOR GUIDANCE ON APPEAL PROCEDURES

Date of initial receipt of application: 12/15/21

Date of application acceptance: 12/16/21

Date filed with the Board of Environmental Protection:

This Order prepared by Chris Ham, Bureau of Air Quality.

FILED
JAN 21, 2022
State of Maine
Board of Environmental Protection