



STATE OF MAINE  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
17 STATE HOUSE STATION AUGUSTA, MAINE 04333-0017

DEPARTMENT ORDER

**Sargent Corporation  
Sagadahoc County  
Bowdoin, Maine  
A-527-71-K-T/M**

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

**FINDINGS OF FACT**

After review of the air emission license transfer and 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) has requested the transfer of Air Emission License A-527-71-J-R/A from Bowdoin Aggregate Sales, Inc. to Sargent through a letter to the Department dated July 23, 2025. Air Emission License A-527-71-J-R/A was issued to Bowdoin Aggregate Sales, Inc. on July 17, 2023, for the operation of its crushed stone and mineral processing facility.

The equipment addressed in this license amendment is located on Thurman Drive, Bowdoin, Maine.

Sargent has additionally requested an amendment to their license in order to make the following changes:

1. Removing LB-171, LB-221, LB 225, and LB 2650 Diesel Drive
2. LB-173 is now Unit# 810026
3. LB-172 is now Unit# 810026 Generator
4. LB-227 is now Unit# 810025
5. LB-228 is now Unit# 920014 Generator
6. LB-2650 is now Unit# 810024

B. Emission Equipment

**Engines**

Previous Unit ID	New Unit ID	Max. Capacity (MMBtu/hr)	Max. Firing Rate (gal/hr)	Fuel Type	Date of Manuf.
LB-172 Generator	Unit# 810026 Generator	4.1	29.9	distillate fuel	1998
LB-228 Generator	Unit# 920014 Generator	2.7	19.5	distillate fuel	2014
<i>LB-225 Generator *</i>	<i>N/A</i>	<i>0.6</i>	<i>4.1</i>	<i>distillate fuel</i>	<i>1994</i>
<i>LB-221 Diesel Drive *</i>	<i>N/A</i>	<i>1.0</i>	<i>7.2</i>	<i>distillate fuel</i>	<i>2005</i>
<i>LB-2650 Diesel Drive **</i>	<i>N/A</i>	<i>3.7</i>	<i>27.3</i>	<i>distillate fuel</i>	<i>2020</i>

\* This equipment has been removed.

\*\* This equipment is considered categorically insignificant because it is a self-propelled engine and will be removed from this air emission license.

**Rock Crushers**

Previous Unit ID	New Unit ID	Powered	Process Rate (tons/hour)	Date of Manufacture	Control Device
LB-173 Cone Crusher	Unit# 810026	Unit# 810026 Generator	150	1977	Spray Nozzles
LB-227 Portable Cone Crusher	Unit# 810025	Unit# 920014 Generator	150	1974	Spray Nozzles
LB-2650 Portable Jaw Astec	Unit# 810024	LB-2650 Diesel Drive	350	2020	Spray Nozzles
<i>LB-171 Primary Jaw *</i>	<i>N/A</i>	<i>LB-172 Generator</i>	<i>200</i>	<i>Pre-1983</i>	<i>Spray Nozzles</i>
<i>LB-221 Portable Jaw Komatsu *</i>	<i>N/A</i>	<i>LB-221 Diesel Drive</i>	<i>200</i>	<i>2005</i>	<i>Spray Nozzles</i>

\* This equipment has been removed

C. 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.

**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 criteria pollutants, because Sargent is subject to license restrictions that keep facility emissions below major source thresholds for NO<sub>x</sub>; and
- As an area source of hazardous air pollutants (HAP), because the licensed emissions are below the major source thresholds for HAP.

**II. Transfer Requirements**

**A. Title, Right, or Interest**

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

**B. Technical Capacity and Intent**

Sargent's acquisition of the facility is not expected to result in any significant change in the employees who currently operate the equipment and facilities and conduct activities relative to the air emission license. 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 Sargent has the technical capacity and intent to comply with their air emission license.

**C. Full Name and Address**

Sargent Corporation  
3 Godfrey Drive  
Orono, ME 04473

**D. Certification**

Sargent certifies that there will be no increase in air emissions beyond that provided for in the existing licenses, 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 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. Equipment Changes**

LB-2650 Diesel Drive is a self-propelled unit and is therefore classified as a nonroad engine and can by definition not become a stationary engine. It is therefore exempt from stationary source air emission licensing pursuant to 40 C.F.R. § 1068.30 and 06-096 C.M.R. ch. 115 Appendix B(A)(21).

With the sale of the facility and the removal of some equipment, the remaining equipment will have their designations changed to match Sargent's equipment inventory designations as denoted below.

<b>Previous Unit ID</b>	<b>New Unit ID</b>
LB-172 Generator	Unit# 810026 Generator
LB-228 Generator	Unit# 920014 Generator
LB-173 Cone Crusher	Unit# 810026
LB-227 Portable Cone Crusher	Unit# 810025
LB-2650 Portable Jaw Astec	Unit# 810024

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

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-527-71-J-R/A, from Bowdoin Aggregate Sales, Inc. to Sargent, and hereby grants

Air Emission License Amendment A-527-71-K-T/M subject to the conditions found in Air Emission License A-527-71-J-R/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 shall replace Specific Conditions (17) and (18) of Air Emission License A-527-71-J-R/A:**

**(17) Rock Crushers**

- A. Sargent shall install, maintain, and operate as necessary spray nozzles for control of particulate matter on the nonmetallic mineral processing plant.  
[06-096 C.M.R. ch. 115, BPT]

Sargent shall maintain records detailing and quantifying the hours of operation on a daily basis for each of the crushers. The operation records shall be kept on-site at the rock crushing location. [06-096 C.M.R. ch. 115, BPT]

- B. Visible emissions from Unit# 810025 shall 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)]
- C. Visible emissions from the nonmetallic mineral processing plant equipment that are associated with Unit# 810025 other than the crusher (transfer points on belt conveyors, screening operations, etc.) shall not exceed 20% opacity on a six-minute block average basis. [06-096 C.M.R. ch. 101 § (3)(B)(4)]

**D. NSPS Subpart OOO Requirements**

Sargent shall comply with all requirements of 40 C.F.R. Part 60, Subpart OOO applicable to Units # 810026 and 810024, and each associated affected facility including any grinding mill, screening operation, bucket elevator, belt conveyor, bagging operation, storage bin, and enclosed truck or railcar loading station including but not limited to, the following.

1. Visible emissions from Units # 810026 and 810024 shall each not exceed 15% opacity on a six-minute block average basis. [40 C.F.R. Part 60, Subpart OOO, Table 3]

2. Visible emissions from any affected facility 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]
3. Visible emissions from any affected facility 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]
4. 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 maintenance records. The maintenance records shall be kept on-site at the rock crushing location. [40 C.F.R. §§ 60.674(b) and 60.676(b)(1)]
5. 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) pursuant to § 60.676(h). [40 C.F.R. §§ 60.676(b), (f), and (i)]

**(18) Engines**

**A. Fuel Use**

1. The engines are licensed to fire distillate fuel with a maximum sulfur content not to exceed 15 ppm (0.0015% sulfur by weight). Compliance shall be demonstrated by fuel delivery receipts from the supplier, fuel supplier certification, certificate of analysis, or testing the fuel in the tank. [06-096 C.M.R. ch. 115, BPT]
2. Total fuel use for Unit# 810026 Generator and Unit# 920014 combined shall not exceed 30,000 gal/yr of distillate fuel, regardless of where the units are operated. Compliance shall be demonstrated by fuel records from the supplier showing the quantity and type of fuel delivered. Records of annual fuel use shall be kept on a monthly and calendar year basis. [06-096 C.M.R. ch. 115, BPT]

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

Unit	Pollutant	lb/MMBtu	Origin and Authority
Unit# 810026 Generator	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, BPT]:

Unit	PM (lb/hr)	PM <sub>10</sub> (lb/hr)	PM <sub>2.5</sub> (lb/hr)	SO <sub>2</sub> (lb/hr)	NO <sub>x</sub> (lb/hr)	CO (lb/hr)	VOC (lb/hr)
Unit# 810026 Generator	0.49	0.49	0.49	0.01	18.06	3.89	1.47
Unit# 920014 Generator	0.32	0.32	0.32	0.004	11.78	2.54	0.96

D. Visible Emissions

Visible emissions from each of the engines 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 16<sup>th</sup> DAY OF DECEMBER, 2025.

DEPARTMENT OF ENVIRONMENTAL PROTECTION

BY:  for  
MELANIE LOYZIM, COMMISSIONER

**The term of this license amendment shall be ten (10) years from the issuance of Air Emission License A-527-71-J-R/A (issued 7/17/2023).**

[Note: If a renewal application, determined as complete by the Department, is submitted prior to expiration of this license, then pursuant to Title 5 M.R.S. § 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: 8/6/25

Date of application acceptance: 8/8/25

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