



DEPARTMENT ORDER

**Howard Corp
Piscataquis County
Guilford, Maine
A-1193-71-A-N**

**Departmental
Findings of Fact and Order
Air Emission License**

FINDINGS OF FACT

After review of the air emission license 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

Howard Corp has applied for an Air Emission License for the operation of their portable hot mix asphalt plant located at 220 Water Street, Guilford, Maine.

The main office is located at 627 N. Dexter Road, Sangerville, Maine.

B. Title, Right, or Interest

In their application, Howard Corp submitted copies of a property deed demonstrating ownership of the facility. Howard Corp has provided sufficient evidence of title, right, or interest in the facility for purposes of this air emission license.

C. Emission Equipment

The following equipment is addressed in this Air Emission License:

Asphalt Plant

Equipment	Process Rate (tons/hour)	Design Capacity (MMBtu/hr)	Fuel Type	Control Device	Stack ID	Date of Manuf.
HMA Plant #1	200	100	Propane	Baghouse	1	2025

Heating Equipment

Equipment	Max. Capacity (MMBtu/hr)	Fuel Type	Maximum Firing Rate	Date of Manuf.
Hot Oil Heater #1	1.0	Propane	10.93 gal/hr	2025

Liquid Asphalt Storage Tanks

Tank Name	Tank Type	Capacity (gallons)	Materials Stored	Control Equipment	Date of Manuf.
Tank #1	Fixed, Above Ground, Steel	25,000	Liquid Asphalt	Vapor Condenser	3/2026

D. Definitions

Records or Logs mean either hardcopy or electronic records.

E. 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.

A new source is considered a major source based on whether or not total licensed annual emissions exceed the “Significant Emissions” levels as defined in the Department’s *Definitions Regulation*, 06-096 Code of Maine Rules (C.M.R.) ch. 100.

Pollutant	Total Licensed Annual Emissions (tpy)	Significant Emission Levels
PM	2.5	100
PM ₁₀	2.5	100
PM _{2.5}	2.5	100
SO ₂	0.3	100
NO _x	2.6	100
CO	10.2	100
VOC	2.5	100

The Department has determined the facility is a minor source, and the application has been processed through *Major and Minor Source Air Emission License Regulations*, 06-096 C.M.R. ch. 115.

F. Facility Classification

With the annual tonnage production limit on HMA Plant #1, the facility is licensed as follows:

- As a synthetic minor source of air emissions for criteria pollutants, because Howard Corp is subject to license restrictions that keep facility emissions below major source thresholds for CO; 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 new sources and modifications requires a demonstration that emissions are receiving Best Available Control Technology (BACT), as defined in 06-096 C.M.R. ch. 100. BACT is a top-down approach to selecting air emission controls considering economic, environmental, and energy impacts.

B. Hot Mix Asphalt Plant #1

Howard Corp operates a Gencor G-200 Portable Asphalt Drum Mix Plant (HMA Plant #1) with a maximum hourly throughput of 200 ton/hr of asphalt and a Gencor Model AF-60 Burner rated at 100 MMBtu/hr which fires propane. Particulate matter (PM) emissions are controlled by a fabric filter baghouse, Gencor Model CFP-116, with a maximum flow rate of 57,099 ACFM. The baghouse is equipped with a Gencor Model #445-BCS Exhaust Fan. The portable plant will operate using line power.

Emission factors for asphalt plants are available based on tons of asphalt produced, and there is no linear relationship between plant output and burner firing rate. Therefore, to ensure annual emissions are limited to less than major source thresholds, asphalt throughput is limited instead of fuel consumption. Accordingly, the annual throughput of the asphalt plant shall not exceed 150,000 tons of asphalt per year on a calendar year basis.

1. BACT Findings

HMA Plant #1 is a newly manufactured asphalt plant which addresses criteria pollutants in several ways. To minimize PM emissions, a baghouse is used to ensure the emission rate stays below 0.03 grains per dry standard cubic foot (gr/dscf). By using propane as fuel, SO₂ emissions are minimized due to the inherently low sulfur content of the fuel. The use of propane also ensures lower NO_x emissions compared to the use of fuel oils. The propane burner has been tuned to minimize CO emissions by ensuring more complete combustion of the fuel, which also minimizes VOC emissions from the combustion process.

The BACT emission limits for HMA Plant #1 were based on the following:

PM/PM₁₀/PM_{2.5} – 0.03 gr/dscf and the use of a baghouse pursuant to 06-096 C.M.R. ch. 115, BACT

SO ₂	–	3.4 x 10 ⁻³ lb/ton based on AP-42 Table 11.1-7 dated 3/04
NO _x	–	2.6 x 10 ⁻² lb/ton based on AP-42 Table 11.1-7 dated 3/04
CO	–	0.13 lb/ton based on AP-42 Table 11.1-7 dated 3/04
VOC	–	3.2 x 10 ⁻² lb/ton based on AP-42 Table 11.1-8 dated 3/04
Visible Emissions	–	06-096 C.M.R. ch. 101

The BACT emission limits for HMA Plant #1 are the following:

Unit	PM (lb/hr)	PM ₁₀ (lb/hr)	PM _{2.5} (lb/hr)	SO ₂ (lb/hr)	NO _x (lb/hr)	CO (lb/hr)	VOC (lb/hr)
HMA Plant #1	6.12	6.12	6.12	0.68	5.20	26.00	6.40

Visible emissions from the asphalt plant baghouse shall not exceed 20% opacity on a six-minute block average basis. This is consistent with the PM limit of 20% opacity contained in *Standards of Performance for Hot Mix Asphalt Facilities*, 40 C.F.R. Part 60, Subpart I. This standard applies at all times the asphalt plant is in operation. [06-096 C.M.R. ch.101, § 4(B)(1)]

2. New Source Performance Standards

HMA Plant #1 was manufactured in 2025 and is therefore subject to the federal Environmental Protection Agency's (EPA) New Source Performance Standards (NSPS) *Standards of Performance for Hot Mix Asphalt Facilities*, 40 Code of Federal Regulation (C.F.R.) Part 60, Subpart I for facilities constructed or modified after June 11, 1973.

a. Notification

Howard Corp shall submit notification to EPA and the Department of the date of initial startup of HMA Plant #1. [40 C.F.R. § 60.7(a)(3)]

b. Standards

(1) Particulate Matter (PM)

HMA Plant #1 shall not exceed an emission limit of 0.04 gr/dscf. [40 C.F.R. § 60.92(a)(1)]

The Department has determined that the proposed BACT particulate matter emission limit is more stringent than the applicable limit in 40 C.F.R. Part 60, Subpart I. Therefore, the particulate matter limit for the asphalt plant has been streamlined to the more stringent BACT limit, and only this more stringent limit shall be included in the Order of this air emission license.

(2) Opacity

Visible emissions from HMA Plant #1 shall not exceed 20% opacity on a 6-minute block average basis. [40 C.F.R. §§ 60.92(a)(2) and 60.93(b)(2)]

c. Initial Compliance Requirements

Howard Corp shall perform the following within 60 days after achieving the maximum production rate at which HMA Plant #1 will be operated but not later than 180 days after the initial startup:

(1) Howard Corp shall conduct an initial performance test for PM using 40 C.F.R. Part 60, Appendix A, Method 5. [40 C.F.R. § 60.93(b)(1)]

(2) Howard Corp shall conduct an initial performance test for opacity using 40 C.F.R. Part 60, Appendix A, Method 9. [40 C.F.R. § 60.93(b)(2)]

(3) For any performance testing required by this license, Howard Corp shall submit to the Department for approval a performance test protocol, as outlined in the Department's Performance Testing Guidance, at least 30 days prior to the scheduled date of the performance test. [06-096 C.M.R. ch. 115, BPT]

The Department's Performance Testing Guidance is available online at <https://www.maine.gov/dep/air/emissions/testing.html>.

3. Control Equipment

Emissions from HMA Plant #1 shall be controlled by a baghouse.

4. Periodic Monitoring

The performance of the baghouse shall be monitored by either one of the following at all times HMA Plant #1 is operating:

a. Continuous PM detector

When the detector signals excessive PM concentrations in the exhaust stream, Howard Corp shall take corrective action within 24 hours, or immediately if visible emissions exceed 20% opacity.

b. Personnel

Personnel shall be available on-site with a current EPA 40 C.F.R. Part 60, Appendix A, Method 9 visible emissions certification: When visible emissions exceed 20% opacity, the hot mix asphalt plant is operating with insufficient control, and corrective action shall be taken immediately.

Howard Corp shall keep records of baghouse failures, baghouse maintenance, and baghouse inspections.

To document maintenance of the baghouse, Howard Corp shall keep records of the date and location of all bag failures, the date and a description of all routine and non-routine maintenance, and the date and results of all inspections. These records shall be kept on-site at the asphalt plant location.

C. Hot Oil Heater #1

Howard Corp operates Hot Oil Heater #1 to prevent the asphalt from solidifying. It has a maximum design capacity of 1.0 MMBtu/hr and fires propane.

1. BACT Findings

Hot Oil Heater #1 will use propane as its fuel, which will produce minimal PM due to the low ash content of the fuel. Emissions of SO₂, NO_x, CO, and VOC are also expected to be minimal for the same reasons listed above for HMA Plant #1.

The BACT emission limits for Hot Oil Heater #1 were based on the following:

- PM/PM₁₀/PM_{2.5} – 0.05 lb/MMBtu based on 06-096 C.M.R. ch. 115, BACT
- SO₂ – based on firing distillate fuel with a maximum sulfur content of 0.0015% by weight
- NO_x – 20 lb/1,000 gal based on AP-42 Table 1.3-1 dated 5/10
- CO – 5 lb/1,000 gal based on AP-42 Table 1.3-1 dated 5/10
- VOC – 0.34 lb/1,000 gal based on AP-42 Table 1.3-3 dated 5/10
- Visible Emissions – 06-096 C.M.R. ch. 101

The BACT emission limits for Hot Oil Heater #1 are the following:

Unit	PM (lb/hr)	PM ₁₀ (lb/hr)	PM _{2.5} (lb/hr)	SO ₂ (lb/hr)	NO _x (lb/hr)	CO (lb/hr)	VOC (lb/hr)
Hot Oil Heater #1	0.05	0.05	0.05	-	0.14	0.08	0.01

Visible emissions from Hot Oil Heater #1 shall not exceed 10% opacity on a six-minute block average basis.

2. New Source Performance Standards

Due to the size of Hot Oil Heater #1, the unit is not subject to the New Source Performance Standards (NSPS) *Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units*, 40 C.F.R. Part 60, Subpart Dc for units greater than 10 MMBtu/hr manufactured after June 9, 1989. [40 C.F.R. § 60.40c]

3. National Emission Standards for Hazardous Air Pollutants

Hot Oil Heater #1 does not heat water. It does not meet the definition of a “boiler” and therefore is not subject to *National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers Area Sources*, 40 C.F.R. Part 63, Subpart JJJJJ.

D. Tank #1

Howard Corp operates one above ground storage tank, Tank #1, that contains liquid asphalt with a storage capacity of 25,000 gallons. A vapor condenser was installed to reduce emissions of higher boiling point VOCs.

1. 06-096 C.M.R. ch. 111

Tank #1 is not subject to the requirements of *Petroleum Liquid Storage Vapor Control*, 06-096 C.M.R. ch. 111 (Ch. 111), because it stores a product with a vapor pressure less than 10.5 kilopascals.

2. 06-096 C.M.R. ch. 118

Tank #1 is not subject to the requirements of *Gasoline Dispensing Facilities Vapor Control*, 06-096 C.M.R. ch. 118 (Ch. 118), because it does not store gasoline.

3. 06-096 C.M.R. ch. 133

Tank #1 is not subject to the requirements of *Petroleum Liquids Transfer Vapor Recovery at Bulk Gasoline Plants*, 06-096 C.M.R. ch. 133, because Howard Corp is not a bulk gasoline plant (as defined by 06-096 C.M.R. ch. 100).

4. 06-096 C.M.R. ch. 170

Tank #1 is not subject to *Degassing of Petroleum Storage Tanks, Maine Vessels, and Transport Vessels*, 06-096 C.M.R. ch. 170 because Howard Corp is not a petroleum storage facility as defined by the rule.

5. 06-096 C.M.R. ch. 171

Tank #1 is not subject to the requirements of *Control of Petroleum Storage Facilities*, 06-096 C.M.R. ch. 171, because Howard Corp is not a petroleum storage facility as defined by the rule.

6. 40 C.F.R. Part 60, Subpart Kc

Tank #1 is not subject to the requirements of *Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for which Construction, Reconstruction, or Modification Commenced After October 4, 2023*, 40 C.F.R. Part 60, Subpart Kc (Subpart Kc), because the true vapor pressure of the product stored is less than 1.7 kilopascals. [40 C.F.R. § 60.110c(b)(8)]

7. BACT Findings

Possible control options for VOC emissions from Tank #1 include thermal or catalytic oxidation, adsorption, or condensation. Tank #1 is equipped with a vapor condenser. Given the minimal quantity of VOC emissions expected from the tank, the use of reactive/energy intensive reduction technologies is economically infeasible.

In order to reduce emissions of higher boiling point VOC from the heated tank, a vapor condenser was installed. The vapor condenser consists of parallel, finned exhaust pipes stuffed with steel wool packing. The tank maintains a temperature of 300 – 325 °F. The vapor condenser is designed to accommodate inlet gas up to 350 °F and an exhaust temperature of 120 °F at ambient temperatures up to 90 °F. This allows any VOC with boiling points above 120 °F to condense and drain back into the tank, reducing VOC emissions. This reduction of VOC emissions is most noticeable during the tank filling process, when similar tanks sometimes emit “blue smoke” when gases are displaced from the tank while liquid asphalt is being added into the tank.

The Department finds that BACT for Tank #1 is storage of only liquid asphalt and use of a vapor condenser.

E. General Process Emissions

Visible emissions from any general process that is not part of a nonmetallic mineral processing plant shall not exceed 20% opacity on a six-minute block average basis.

F. Fugitive Emissions Including Stockpiles and Roadways

Howard Corp shall not cause emissions of any fugitive dust during any period of construction, reconstruction, or operation without taking reasonable precautions. Such reasonable precautions shall be included in the facility’s continuing program of best management practices for suppression of fugitive particulate matter. See 06-096 C.M.R. ch. 101, § 4(C) for a list of potential reasonable precautions.

Howard Corp shall not cause or allow visible emissions within 20 feet of ground level, measured as any level of opacity and not including water vapor, beyond the legal boundary

of the property on which such emissions occur. Compliance with this standard shall be determined pursuant to 40 C.F.R. Part 60, Appendix A, Method 22.

G. Annual Emissions

The table below provides an estimate of facility-wide annual emissions for the purposes of calculating the facility's annual air license fee and establishing the facility's potential to emit (PTE). Only licensed equipment is included, i.e., emissions from insignificant activities are excluded. Similarly, unquantifiable fugitive particulate matter emissions are not included except when required by state or federal regulations. Maximum potential emissions were calculated based on processing 150,000 ton/year of asphalt and firing propane in Hot Oil Heater #1 for 8,760 hours.

This information does not represent a comprehensive list of license restrictions or permissions. That information is provided in the Order section of this license.

Total Licensed Annual Emissions for the Facility
Tons/year
(used to calculate the annual license fee)

	PM	PM ₁₀	PM _{2.5}	SO ₂	NO _x	CO	VOC
HMA Plant #1	2.3	2.3	2.3	0.3	2.0	9.8	2.4
Hot Oil Heater #1	0.2	0.2	0.2	-	0.6	0.4	0.1
Total TPY	2.5	2.5	2.5	0.3	2.6	10.2	2.5

Pollutant	Tons/year
Single HAP	7.9
Total HAP	19.9

III. AMBIENT AIR QUALITY ANALYSIS

The level of ambient air quality impact modeling required for a minor source to demonstrate that Ambient Air Quality Standards (AAQS) will not be exceeded is determined by the Department on a case-by-case basis. In accordance with 06-096 C.M.R. ch. 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:

Pollutant	Tons/Year
PM ₁₀	25
PM _{2.5}	15
SO ₂	50
NO _x	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.

This determination is based on information provided by the applicant regarding the expected construction and operation of the proposed units. If the Department determines that any parameter (e.g., stack size, configuration, flow rate, emission rates, nearby structures, etc.) deviates from what was included in the application, the Department may require Howard Corp to submit additional information and may require an ambient air quality impact analysis at that time.

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 A-1193-71-A-N, subject to 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.

STANDARD CONDITIONS

- (1) Employees and authorized representatives of the Department shall be allowed access to the licensee's premises during business hours, or any time during which any emissions units are in operation, and at such other times as the Department deems necessary for the purpose of performing tests, collecting samples, conducting inspections, or examining and copying records relating to emissions (38 M.R.S. § 347-C).
- (2) The licensee shall acquire a new or amended air emission license prior to beginning actual construction of a modification, unless specifically provided for in 06-096 C.M.R. ch. 115. [06-096 C.M.R. ch. 115]
- (3) Approval to construct shall become invalid if the source has not commenced construction within eighteen (18) months after receipt of such approval or if construction is discontinued for a period of eighteen (18) months or more. The Department may extend this time period

upon a satisfactory showing that an extension is justified, but may condition such extension upon a review of either the control technology analysis or the ambient air quality standards analysis, or both. [06-096 C.M.R. ch. 115]

- (4) The licensee shall establish and maintain a continuing program of best management practices for suppression of fugitive particulate matter during any period of construction, reconstruction, or operation which may result in fugitive dust, and shall submit a description of the program to the Department upon request. [06-096 C.M.R. ch. 115]
- (5) The licensee shall pay the annual air emission license fee to the Department, calculated pursuant to Title 38 M.R.S. § 353-A. [06-096 C.M.R. ch. 115] Payment of the annual air emission license fee for Howard Corp is due by the end of February of each year. [38 M.R.S. § 353-A(3)]
- (6) The license does not convey any property rights of any sort or any exclusive privilege. [06-096 C.M.R. ch. 115]
- (7) The licensee shall maintain and operate all emission units and air pollution systems required by the air emission license in a manner consistent with good air pollution control practice for minimizing emissions. [06-096 C.M.R. ch. 115]
- (8) The licensee shall maintain sufficient records to accurately document compliance with emission standards and license conditions and shall maintain such records for a minimum of six (6) years. The records shall be submitted to the Department upon written request. [06-096 C.M.R. ch. 115]
- (9) The licensee shall comply with all terms and conditions of the air emission license. The filing of an appeal by the licensee, the notification of planned changes or anticipated noncompliance by the licensee, or the filing of an application by the licensee for a renewal of a license or amendment shall not stay any condition of the license. [06-096 C.M.R. ch. 115]
- (10) The licensee may not use as a defense in an enforcement action that the disruption, cessation, or reduction of licensed operations would have been necessary in order to maintain compliance with the conditions of the air emission license. [06-096 C.M.R. ch. 115]
- (11) In accordance with the Department's air emission compliance test protocol and 40 C.F.R. Part 60 or other method approved or required by the Department, the licensee shall:
 - A. Perform stack testing to demonstrate compliance with the applicable emission standards under circumstances representative of the facility's normal process and operating conditions:
 1. Within sixty (60) calendar days of receipt of a notification to test from the Department or EPA, if visible emissions, equipment operating parameters, staff

- inspection, air monitoring, or other cause indicate to the Department that equipment may be operating out of compliance with emission standards or license conditions;
or
2. Pursuant to any other requirement of this license to perform stack testing.
- B. Install or make provisions to install test ports that meet the criteria of 40 C.F.R. Part 60, Appendix A, and test platforms, if necessary, and other accommodations necessary to allow emission testing; and
- C. Submit a written report to the Department within thirty (30) days from date of test completion.
[06-096 C.M.R. ch. 115]
- (12) If the results of a stack test performed under circumstances representative of the facility's normal process and operating conditions indicate emissions in excess of the applicable standards, then:
- A. Within thirty (30) days following receipt of the written test report by the Department, or another alternative timeframe approved by the Department, the licensee shall re-test the non-complying emission source under circumstances representative of the facility's normal process and operating conditions and in accordance with the Department's air emission compliance test protocol and 40 C.F.R. Part 60 or other method approved or required by the Department; and
 - B. The days of violation shall be presumed to include the date of stack test and each and every day of operation thereafter until compliance is demonstrated under normal and representative process and operating conditions, except to the extent that the facility can prove to the satisfaction of the Department that there were intervening days during which no violation occurred or that the violation was not continuing in nature; and
 - C. The licensee may, upon the approval of the Department following the successful demonstration of compliance at alternative load conditions, operate under such alternative load conditions on an interim basis prior to a demonstration of compliance under normal and representative process and operating conditions.
[06-096 C.M.R. ch. 115]
- (13) Notwithstanding any other provisions in the State Implementation Plan approved by the EPA or Section 114(a) of the CAA, any credible evidence may be used for the purpose of establishing whether a person has violated or is in violation of any statute, regulation, or license requirement. [06-096 C.M.R. ch. 115]
- (14) The licensee shall maintain records of malfunctions, failures, downtime, and any other similar change in operation of air pollution control systems or the emissions unit itself that would affect emissions and that is not consistent with the terms and conditions of the air

emission license. The licensee shall notify the Department within two (2) days or the next state working day, whichever is later, of such occasions where such changes result in an increase of emissions. The licensee shall report all excess emissions in the units of the applicable emission limitation. [06-096 C.M.R. ch. 115]

- (15) Upon written request from the Department, the licensee shall establish and maintain such records; make such reports; install, use, and maintain such monitoring equipment; sample such emissions in accordance with such methods, at such locations, at such intervals, and in such a manner as the Department shall prescribe; and provide other information as the Department may reasonably require to determine the licensee's compliance status. [06-096 C.M.R. ch. 115]
- (16) The licensee shall notify the Department within 48 hours and submit a report to the Department on a quarterly basis if a malfunction or breakdown in any component causes a violation of any emission standard. [38 M.R.S. § 605]

SPECIFIC CONDITIONS

(17) **HMA Plant #1**

- A. HMA Plant #1 is licensed to fire propane. [06-096 C.M.R. ch. 115, BACT]
- B. The annual throughput of HMA Plant #1 shall not exceed 150,000 tons of asphalt per year on a calendar year basis. Records of asphalt production shall be kept on a monthly and calendar year basis. [06-096 C.M.R. ch. 115, BACT]
- C. Emissions from HMA Plant #1 shall vent to a baghouse, and all components of HMA Plant #1 shall be maintained so as to prevent PM leaks. [06-096 C.M.R. ch. 115, BACT]
- D. The performance of the baghouse shall be monitored by either one of the following at all times HMA Plant #1 is operating:
1. Continuous PM Detector
When the detector signals excessive PM concentrations in the exhaust stream, Howard Corp shall take corrective action within 24 hours, or immediately if visible emissions exceed 20% opacity.
 2. Personnel
Personnel shall be available on-site with a current EPA 40 C.F.R. Part 60, Appendix A, Method 9 visible emissions certification. When visible emissions exceed 20% opacity, the asphalt plant is operating with insufficient control, and corrective action shall be taken immediately.

[06-096 C.M.R. ch. 115, BACT]

- E. To document maintenance of the baghouse, Howard Corp shall keep records of the date and location of all bag failures, the date and a description of all routine and non-routine maintenance, and the date and results of all inspections. These records shall be kept on-site at the asphalt plant location. [06-096 C.M.R. ch. 115, BPT]
- F. Emissions from the asphalt plant baghouse shall not exceed the following [06-096 C.M.R. ch. 115, BACT]:

Pollutant	grs/dscf	lb/hr
PM	0.03	6.12
PM ₁₀	–	6.12
PM _{2.5}	–	6.12
SO ₂	–	0.68
NO _x	–	5.20
CO	–	26.00
VOC	–	6.40

- G. General process emissions from HMA Plant #1 shall be controlled so as to prevent visible emissions in excess of 20% opacity on a six-minute block average basis. [06-096 C.M.R. ch. 101, § 4(B)(4)]
- H. Howard Corp shall comply with all requirements of 40 C.F.R. Part 60, Subpart I applicable to HMA Plant #1 including, but not limited to, the following:
1. Notification
Howard Corp shall submit notification to EPA and the Department of the date of initial startup. [40 C.F.R. § 60.7(a)(3)]
 2. Visible emissions from HMA Plant #1 shall not exceed 20% opacity on a 6-minute block average basis. [40 C.F.R. §§ 60.92(a)(2) and 60.93(b)(2)] This standard applies at all times the asphalt plant is in operation. [06-096 C.M.R. ch. 101, § 4(B)(1)]
 3. Initial Compliance Requirements

Howard Corp shall perform the following within 60 days after achieving the maximum production rate at which HMA Plant #1 will be operated but not later than 180 days after the initial startup:
 - a. Howard Corp shall conduct an initial performance test for PM using 40 C.F.R. Part 60, Appendix A, Method 5. [40 C.F.R. § 60.93(b)(1)]

- b. Howard Corp shall conduct an initial performance test for opacity using 40 C.F.R. Part 60, Appendix A, Method 9. [40 C.F.R. § 60.93(b)(2)]
- c. For any performance testing required by this license, Howard Corp shall submit to the Department for approval a performance test protocol, as outlined in the Department's Performance Testing Guidance, at least 30 days prior to the scheduled date of the performance test. [06-096 C.M.R. ch. 115, BPT]

The Department's Performance Testing Guidance is available online at <https://www.maine.gov/dep/air/emissions/testing.html>.

(18) **Hot Oil Heater #1**

- A. Hot Oil Heater #1 is licensed to fire propane. [06-096 C.M.R. ch. 115, BACT]
- B. Emissions shall not exceed the following [06-096 C.M.R. ch. 115, BACT]:

Unit	PM (lb/hr)	PM ₁₀ (lb/hr)	PM _{2.5} (lb/hr)	SO ₂ (lb/hr)	NO _x (lb/hr)	CO (lb/hr)	VOC (lb/hr)
Hot Oil Heater #1	0.05	0.05	0.05	-	0.14	0.08	0.01

- C. Visible emissions from Hot Oil Heater #1 shall not exceed 10% opacity on a six-minute block average basis. [06-096 C.M.R. ch. 101, § 4(A)(3)]

(19) **Tank #1**

- A. Tank #1 shall only store liquid asphalt. Howard Corp shall demonstrate compliance by keeping records of deliveries to Tank #1. [06-096 C.M.R. ch. 115, BACT]
- B. Howard Corp shall equip and maintain, per manufacturer specifications, a vapor condenser on Tank #1. [06-096 C.M.R. ch. 115, BACT]

(20) **General Process Sources**

Visible emissions from any general process that is not part of a nonmetallic mineral processing plant shall not exceed 20% opacity on a six-minute block average basis. [06-096 C.M.R. ch. 101, § 4(B)(4)]

(21) **Fugitive Emissions Including Stockpiles and Roadways**

Howard Corp shall not cause emissions of any fugitive dust during any period of construction, reconstruction, or operation without taking reasonable precautions. Such reasonable precautions shall be included in the facility's continuing program of best

management practices for suppression of fugitive particulate matter. See 06-096 C.M.R. ch. 101, § 4(C) for a list of potential reasonable precautions.

Howard Corp shall not cause or allow visible emissions within 20 feet of ground level, measured as any level of opacity and not including water vapor, beyond the legal boundary of the property on which such emissions occur. Compliance with this standard shall be determined pursuant to 40 C.F.R. Part 60, Appendix A, Method 22.

[06-096 C.M.R. ch. 101, § 4(C)]

(22) **Equipment Relocation** [06-096 C.M.R. ch. 115, BPT]

A. Howard Corp shall provide written notification to the Bureau of Air Quality prior to relocation of any equipment carried on this license. It is preferred for notice of relocation to be submitted through the Department's on-line e-notice at: www.maine.gov/dep/air/compliance/forms/relocation

Written notice may also be sent by mail. Notification sent by mail shall be sent to the address below:

Attn: Relocation Notice
Maine DEP
Bureau of Air Quality
17 State House Station
Augusta, ME 04333-0017

The notification shall include the license number in which the equipment is addressed, identification of the equipment moved, the address of the equipment's new location, and the date the equipment will be moved.

B. Written notification shall also be made to the municipality where the equipment will be relocated, except in the case of an unorganized territory where notification shall be made to the respective county commissioners. The notification to the Department shall include the date the municipality was notified.

(23) Howard Corp shall keep a copy of this Order on site with the licensed equipment and ensure the operator(s) are familiar with the terms of this Order. [06-096 C.M.R. ch. 115, BPT]

(24) If the Department determines that any parameter value pertaining to construction and operation of the emissions units, including but not limited to stack size, configuration, flow rate, emission rates, nearby structures, etc., deviates from what was submitted in the application or ambient air quality impact analysis for this air emission license, Howard Corp may be required to submit additional information. Upon written request from the Department, Howard Corp shall provide information necessary to demonstrate AAQS will not be exceeded, potentially including submission of an ambient air quality impact analysis or an application to amend this air emission license to resolve any deficiencies and ensure

Howard Corp
Piscataquis County
Guilford, Maine
A-1193-71-A-N

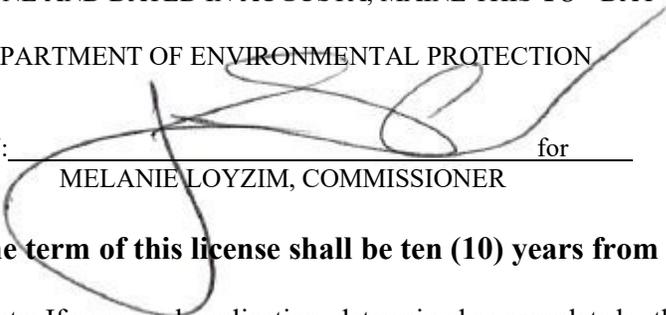
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**Departmental
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compliance with AAQS. Submission of this information is due within 60 days of the Department's written request unless otherwise stated in the Department's letter.
[06-096 C.M.R. ch. 115, § 2(O)]

DONE AND DATED IN AUGUSTA, MAINE THIS 18th DAY OF FEBRUARY, 2026.

DEPARTMENT OF ENVIRONMENTAL PROTECTION

BY:  for
MELANIE LOYZIM, COMMISSIONER

The term of this license shall be ten (10) years from the signature date above.

[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: January 14, 2026

Date of application acceptance: January 15, 2026

This Order prepared by Zac Hicks, Bureau of Air Quality.