



Florida Department of Environmental Protection

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Tallahassee, Florida 32399-2400

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Carlos Lopez-Cantera
Lt. Governor

Noah Valenstein
Secretary

PERMITTEE

Bay State Milling Company
19150 Southwest Warfield Blvd.
Indiantown, Florida 34956

Authorized Representative:
William Raiola, Plant Manager

Air Permit No. 0850012-015-AC
Permit Expires: July 31, 2018
Minor Air Construction Permit
Indiantown Plant
Additional Collector

PROJECT

This is the final air construction permit, which authorizes the construction and installation of an additional collector (baghouse) for the facility's bulk flour handling and storage process line. The proposed work will be conducted at the existing Indiantown Plant, which is a grain storage elevator and wheat and bran grinding facility categorized under Standard Industrial Classification No. 2041. The existing facility is located in Martin County at 19150 Southwest Warfield Blvd. in Indiantown, Florida. The UTM coordinates are Zone 17, 574.4 kilometers (km) East and 2,992.5 km North.

This final permit is organized into the following sections: Section 1 (General Information); Section 2 (Administrative Requirements); Section 3 (Emissions Unit Specific Conditions); and Section 4 (Appendices). Because of the technical nature of the project, the permit contains numerous acronyms and abbreviations, which are defined in Appendix A of Section 4 of this permit. As noted in the Final Determination provided with this final permit, only minor changes and clarifications were made to the draft permit.

STATEMENT OF BASIS

This air pollution construction permit is issued under the provisions of: Chapter 403 of the Florida Statutes (F.S.) and Chapters 62-4, 62-204, 62-210, 62-212, 62-296 and 62-297 of the Florida Administrative Code (F.A.C.). The permittee is authorized to conduct the proposed work in accordance with the conditions of this permit. This project is subject to the general preconstruction review requirements in Rule 62-212.300, F.A.C. and is not subject to the preconstruction review requirements for major stationary sources in Rule 62-212.400, F.A.C. for the Prevention of Significant Deterioration (PSD) of Air Quality.

Upon issuance of this final permit, any party to this order has the right to seek judicial review of it under Section 120.68 of the Florida Statutes by filing a notice of appeal under Rule 9.110 of the Florida Rules of Appellate Procedure with the clerk of the Department of Environmental Protection in the Office of General Counsel (Mail Station #35, 3900 Commonwealth Boulevard, Tallahassee, Florida, 32399-3000) and by filing a copy of the notice of appeal accompanied by the applicable filing fees with the appropriate District Court of Appeal. The notice must be filed within 30 days after this order is filed with the clerk of the Department.

Executed in Tallahassee, Florida

For:

Syed Arif, P.E., Program Administrator
Office of Permitting and Compliance
Division of Air Resource Management

SA/dlr/ed

CERTIFICATE OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this Air Permit package was sent by electronic mail, or a link to these documents made available electronically on a publicly accessible server, with received receipt requested before the close of business on the date indicated below to the following persons.

William Raiola, Bay State Milling Company: braiola.in@bsm.com
Jules Stephensky, Bay State Milling Company: jstephensky.in@bsm.com
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Clerk Stamp

FILING AND ACKNOWLEDGMENT FILED, on this date, pursuant to Section 120.52(7), Florida Statutes, with the designated agency clerk, receipt of which is hereby acknowledged.

SECTION 1. GENERAL INFORMATION

FACILITY DESCRIPTION

The existing facility consists of the following emissions units.

Facility ID No. 0850012	
ID No.	Emission Unit Description
001	530-Ton Capacity Wheat Intake Plant With 9 Bins
002	16.5 Tons Per Hour (TPH) "A" Mill
004	31.25 TPH Bulk Flour Handling/Storage
007	Precleaning/Handling/Feed Storage & Loadout
010	12.5 TPH "B" Mill
013	General Aspirator
014	Two Storage Rye-Wheat Flour Silos (Rye4 & Rye5)

PROPOSED PROJECT

This permitting project authorizes the construction and installation of an additional collector (baghouse) for control of particulate matter (PM) emissions from the facility's bulk flour handling/storage process line.

This project will modify the following emissions unit.

Facility ID No. 0850012	
ID No.	Emission Unit Description
004	31.25 TPH Bulk Flour Handling/Storage

FACILITY REGULATORY CLASSIFICATION

- The facility is not a major source of hazardous air pollutants (HAP).
- The facility is a synthetic non-Title V source of air pollution, other than HAP.
- The facility does not operate units subject to the acid rain provisions of the Clean Air Act (CAA).
- The facility is not a Title V major source of air pollution in accordance with Chapter 62-213, F.A.C.
- The facility is not a major stationary source in accordance with Rule 62-212.400(PSD), F.A.C.

SECTION 2. ADMINISTRATIVE REQUIREMENTS

1. Permitting Authority: The permitting authority for this project is the Office of Permitting and Compliance in the Division of Air Resource Management of the Department of Environmental Protection (Department). The Office of Permitting and Compliance mailing address is 2600 Blair Stone Road (MS #5505), Tallahassee, Florida 32399-2400. All documents related to applications for permits to operate an emissions unit shall be submitted to the Southeast District Office at: 3301 Gun Club Road, MSC 7210-1, West Palm Beach, Florida 33406.
2. Compliance Authority: All documents related to compliance activities such as reports, tests, and notifications shall be submitted to the Southeast District Office at: 3301 Gun Club Road, MSC 7210-1, West Palm Beach, Florida 33406.
3. Appendices: The following Appendices are attached as a part of this permit: Appendix A (Citation Formats and Glossary of Common Terms); Appendix B (General Conditions); Appendix C (Common Conditions); and Appendix D (Common Testing Requirements).
4. Applicable Regulations, Forms, and Application Procedures: Unless otherwise specified in this permit, the construction and operation of the subject emissions units shall be in accordance with the capacities and specifications stated in the application. The facility is subject to all applicable provisions of: Chapter 403, F.S.; and Chapters 62-4, 62-204, 62-210, 62-212, 62-213, 62-296 and 62-297, F.A.C. Issuance of this permit does not relieve the permittee from compliance with any applicable federal, state, or local permitting or regulations.
5. New or Additional Conditions: For good cause shown and after notice and an administrative hearing, if requested, the Department may require the permittee to conform to new or additional conditions. The Department shall allow the permittee a reasonable time to conform to the new or additional conditions, and on application of the permittee, the Department may grant additional time. [Rule 62-4.080, F.A.C.]
6. Modifications: The permittee shall notify the Compliance Authority upon commencement of construction. No new emissions unit shall be constructed and no existing emissions unit shall be modified without obtaining an air construction permit from the Department. Such permit shall be obtained prior to beginning construction or modification. [Rules 62-210.300(1) and 62-212.300(1)(a), F.A.C.]
7. Construction and Expiration: The expiration date shown on the first page of this permit provides time to complete the physical construction activities authorized by this permit, complete any necessary compliance testing, and obtain an operation permit. Notwithstanding this expiration date, all specific emissions limitations and operating requirements established by this permit shall remain in effect until the facility or emissions unit is permanently shut down. For good cause, the permittee may request that a permit be extended. Pursuant to Rule 62-4.080(3), F.A.C., such a request shall be submitted to the Permitting Authority in writing before the permit expires. [Rules 62-4.070(3) & (4), 62-4.080 & 62-210.300(1), F.A.C.]
8. Source Obligation:
 - a. Authorization to construct shall expire if construction is not commenced within 18 months after receipt of the permit, if construction is discontinued for a period of 18 months or more, or if construction is not completed within a reasonable time. This provision does not apply to the time period between construction of the approved phases of a phased construction project except that each phase must commence construction within 18 months of the commencement date established by the Department in the permit.
 - b. At such time that a particular source or modification becomes a major stationary source or major modification (as these terms were defined at the time the source obtained the enforceable limitation) solely by virtue of a relaxation in any enforceable limitation which was established after August 7, 1980, on the capacity of the source or modification otherwise to emit a pollutant, such as a restriction on hours of operation, then the requirements of subsections 62-212.400(4) through (12), F.A.C., shall apply to the source or modification as though construction had not yet commenced on the source or modification.

SECTION 2. ADMINISTRATIVE REQUIREMENTS

- c. At such time that a particular source or modification becomes a major stationary source or major modification (as these terms were defined at the time the source obtained the enforceable limitation) solely by exceeding its projected actual emissions, then the requirements of subsections 62-212.400(4) through (12), F.A.C., shall apply to the source or modification as though construction had not yet commenced on the source or modification.

[Rule 62-212.400(12), F.A.C.]

9. Application for Federally Enforceable State Operating Permit (FESOP): Subsequent to any construction, reconstruction or modification of a facility or emissions unit authorized by an air construction permit, and demonstration of compliance with the conditions of such air construction permit, the owner or operator of such facility or emissions unit shall obtain an initial air operation permit or revision of an existing air operation permit, whichever is appropriate, in accordance with all applicable provisions of this chapter and Chapter 62-4, F.A.C. [Rule 62-210.300(2), F.A.C.]
10. Annual Operating Report (AOR): The information required by the Annual Operating Report for Air Pollutant Emitting Facility (DEP Form No. 62-210.900(5)) shall be submitted by April 1 of each year, for the previous calendar year, to the Department's Southeast District Office. All synthetic non-Title V sources or all facilities with the potential to emit 10 tons/year or more of volatile organic compounds (VOC) or 25 tons/year or more of nitrogen oxides (NO_x) and located in an ozone nonattainment area or ozone air quality maintenance area shall submit a completed DEP Form No. 62-210.900(5) unless the annual operating report is submitted using the Department's electronic annual operating report software. Emissions shall be computed in accordance with the provisions of Rule 62-210.370(2), F.A.C. [Rule 62-210.370(3), F.A.C.]

{Permitting Note: Resources to help you complete your AOR are available on the electronic AOR (EAOR) website at: <http://www.dep.state.fl.us/air/emission/eaor>. If you have questions or need assistance after reviewing the information posted on EAOR website, please contact the Department by phone at (850) 717-9000 or e-mail at eaor@dep.state.fl.us.}

SECTION 3. EMISSIONS UNIT SPECIFIC CONDITIONS

EU 004 Bulk Flour Handling/Storage

This section of the permit addresses the following emissions unit.

EU No.	Emission Unit Description
004	31.25 TPH Bulk Flour Handling/Storage

Emissions Unit 004 is a multi-stage process line for the handling and storage of bulk flour at the Indiantown Plant. The capacity of the process line is 31.25 tons/hour of flour processed. Primary emissions from the process are particulate matter, including particulate matter with a diameter less than or equal to 10 micrometers (PM₁₀). PM emissions are controlled by baghouses. The unit has one existing baghouse, and this project will add an additional baghouse.

The parameters of the existing baghouse (Aircon 65-10) are as follows: stack height of 17 feet; exit diameter of 2.00 feet; flow rate of 8,000 actual cubic feet per minute (acfm); and exit temperature of 77 degrees Fahrenheit (°F).

The parameters of the proposed baghouse (KICE VR32-4) are as follows: stack height of 65 feet; exit diameter of 0.67 foot; flow rate of 1,500 acfm; and exit temperature of 77°F.

{Permitting Note: This emissions unit is not subject to any emissions unit specific federal requirements.}

EQUIPMENT

1. Additional Baghouse: The permittee is authorized to install a KICE Model VR32-4 baghouse for the 31.25 TPH bulk flour handling/storage process line. [Application No. 0850012-015-AC]

PERFORMANCE RESTRICTIONS

2. Restricted Operation: The hours of operation are not limited (8,760 hours per year). [Rules 62-4.070(3) and 62-210.200(PTE), F.A.C.]

EMISSIONS STANDARDS

3. Emissions Standards:
 - a. PM Emissions. PM emissions, including PM₁₀, shall not exceed 0.02 grains per dry standard cubic foot (gr/dscf), as measured by EPA Method 5. [Requested by Applicant in Application No. 0850012-015-AC to escape Title V]
 - b. Visible Emissions. Visible emissions shall not exceed 5% opacity at any time, as measured by EPA Method 9. [Rule 62-297.620(4), F.A.C; and, Application No. 0850012-015-AC]

TESTING REQUIREMENTS

4. Waiver of PM Testing: Because the potential emissions of PM from this emissions unit are less than 100 tons/year and it is equipped with a baghouse, the Department waives the PM compliance test requirements of Specific Conditions 5 and 6, provided that the facility demonstrates compliance with the visible emissions standard of 5% opacity. If, at any time, the Department has reason to believe that the PM standard is being exceeded, the facility must demonstrate compliance with the PM standard by EPA Method 5. [Rule 62-297.620(4), F.A.C.]
5. Initial Compliance Tests: This emissions unit shall be tested to demonstrate initial compliance with the emissions standards for PM and visible emissions. The initial tests shall be conducted within 60 days after achieving permitted capacity, but not later than 180 days after initial operation of the unit. [Rules 62-4.070(3) and 62-297.310(8)(b)1, F.A.C.]
6. Annual Compliance Tests: During each calendar year (January 1st to December 31st), this emissions unit shall be tested to demonstrate compliance with the emissions standards for PM and visible emissions. [Rule 62-297.310(8)(a)1., F.A.C.]

SECTION 3. EMISSIONS UNIT SPECIFIC CONDITIONS

EU 004 Bulk Flour Handling/Storage

- 7. **Test Requirements:** The permittee shall notify the Compliance Authority in writing at least 15 days prior to any required tests. Tests shall be conducted in accordance with the applicable requirements specified in Appendix D (Common Testing Requirements) of this permit. [Rule 62-297.310(9), F.A.C.]
- 8. **Test Methods:** Required tests shall be performed in accordance with the following reference methods.

Method	Description of Method and Comments
1-4	Traverse Points, Velocity and Flow Rate, Gas Analysis, and Moisture Content
5	Method for Determining Particulate Matter Emissions
9	Visual Determination of the Opacity of Emissions from Stationary Sources

The above methods are described in Appendix A of 40 CFR 60 and are adopted by reference in Rule 62-204.800, F.A.C. No other methods may be used unless prior written approval is received from the Department. [Rule 62-204.800, F.A.C.; and Appendix A of 40 CFR 60]

MONITORING REQUIREMENTS

- 9. **Equipment Inspection:** The permittee shall perform a daily visual inspection of each baghouse and associated equipment to ensure that each device is operating properly, and shall record their condition and the pressure drop of the baghouse when inspected. The permittee shall perform a detailed monthly inspection of each baghouse and record the inspection results. Such an inspection shall include the general condition of the control equipment and ductwork, condition of the bags and ancillary equipment in the baghouses, and verification of proper operation of the bag cleaning cycle. [Rule 62-4.070(3), F.A.C.]

RECORDS AND REPORTS

- 10. **Test Reports:** The permittee shall prepare and submit reports for all required tests in accordance with the requirements specified in Appendix D (Common Testing Requirements) of this permit. [Rule 62-297.310(10), F.A.C.]
- 11. **Annual Operating Report:** The permittee shall include this emissions unit in the AOR submitted pursuant to Specific Condition 10 of Section 2 of this permit. [Rule 62-210.370(3), F.A.C.]