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PERMITTEE

Cargill, Inc.
5425 West Tyson Avenue
Tampa, FL 33611

Air Permit No. 0571185-006-AO
Effective Date: September 20, 2018
Renewal Application Due Date: July 22, 2023
Expiration Date: September 20, 2023

Authorized Representative:
Michael Tamanaco
Tampa Terminal Supervisor

Tampa Corn Syrup Storage/Transit Terminal
Hillsborough County, Florida

PROJECT

This is the final air operation permit, which authorizes the boiler operation at Cargill, Inc., Tampa Corn Syrup Storage/Transit Terminal (Standard Industrial Classification No. 4225 – General Warehousing and Storage). This project is to renew the operating permit. The facility is located in Hillsborough County at 5425 West Tyson Avenue, Tampa, FL 33611. The UTM coordinates are Zone 17-348.30 kilometers (km) East and 3085.40 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.

Permitting Authority: Applications for air operation permits are subject to review in accordance with the provisions of Chapter 403, Florida Statutes (F.S.) and Chapters 62-4 and 62-210 of the Florida Administrative Code (F.A.C.). The Permitting Authority responsible for making a permit determination for this project is the Environmental Protection Commission of Hillsborough County. The Permitting Authority's physical/mailling address is: 3629 Queen Palm Dr., Tampa, Florida 33619. The Permitting Authority's telephone number is 813-627-2600.

Petitions. A person whose substantial interests are affected by the proposed decision may petition for an administrative hearing in accordance with Sections 120.569 and 120.57, F.S. The petition must contain the information set forth below and must be filed (received) in the Legal Department of the EPC at 3629 Queen Palm Drive, Tampa, Florida 33619, Phone 813-627-2600, Fax 813-627-2602. Petitions filed by the applicant or any of the parties listed below must be filed within 14 days of receipt

of this notice. Petitions filed by any other person must be filed within 14 days of receipt of this proposed action. A petitioner must mail a copy of the petition to the applicant at the address indicated above, at the time of filing. The failure of any person to file a petition within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57, F.S., or to intervene in this proceeding and participate as a party to it. Any subsequent intervention will be only at the approval of the presiding officer upon the filing of a motion in compliance with Rule 28-106.205, F.A.C.

A petition that disputes the material facts on which the Department's action is based must contain the following information: (a) The name and address of each agency affected and each agency's file or identification number, if known; (b) The name, address, and telephone number of the petitioner; the name, address and telephone number of the petitioner's representative, if any, which shall be the address for service purposes during the course of the proceeding; and an explanation of how the petitioner's substantial interests will be affected by the agency determination; (c) A statement of how and when each petitioner received notice of the agency action or proposed action; (d) A statement of all disputed issues of material fact. If there are none, the petition must so indicate; (e) A concise statement of the ultimate facts alleged, as well as the rules and statutes which entitle the petitioner to relief; (f) A statement of the specific rules or statutes the petitioner contends require reversal or modification of the agency's proposed action; and, (g) A statement of the relief sought by the petitioner, stating precisely the action petitioner wishes the agency to take with respect to the agency's proposed action.

A petition that does not dispute the material facts upon which the permitting authority's action is based shall state that no such facts are in dispute and otherwise shall contain the same information as set forth above, as required by Rule 28-106.301, F.A.C.

Because the administrative hearing process is designed to formulate final agency action, the filing of a petition means that the Department's final action may be different from the position taken by it in this notice. Persons whose substantial interests will be affected by any such final decision of the permitting authority on the application have the right to petition to become a party to the proceeding, in accordance with the requirements set forth above.

Mediation: Mediation is not available in this proceeding.

Effective Date: This permitting decision is final and effective on the date filed with the clerk of the Permitting Authority unless a petition is filed in accordance with the above paragraphs or unless a request for extension of time in which to file a petition is filed within the time specified for filing a petition pursuant to Rule 62-110.106, F.A.C., and the petition conforms to the content requirements of Rules 28-106.201 and 28-106.301, F.A.C. Upon timely filing of a petition or a request for extension of time, this action will not be effective until further order of the Permitting Authority.

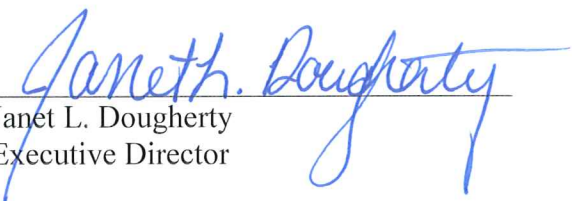
Judicial Review: Any party to this permitting decision (order) has the right to seek judicial review of it under Section 120.68, F.S., by filing a notice of appeal under Rule 9.110 of the Florida Rules of Appellate Procedure with the clerk of the Legal Department of the EPC at 3629 Queen Palm Drive, Tampa, Florida 33619, Phone 813-627-2600, Fax 813-627-2602, and by filing a copy of the notice of

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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 Tampa, Florida

ENVIRONMENTAL PROTECTION
COMMISSION OF HILLSBOROUGH COUNTY



Janet L. Dougherty
Executive Director

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.

Michael Tamanaco, Cargill, Inc. – michael_tamanaco@cargill.com

Lynn Robinson, P.E., Montrose Air Quality Services – lrobinson@montrose-env.com

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.

Sahand Nasseri 9/20/18
Clerk Date

SECTION 1. GENERAL INFORMATION

FACILITY DESCRIPTION

This air operating permit authorizes the operation of a 500 HP boiler (Cleaver-Brooks, Model No. CB 200-500). The boiler is fired exclusively on natural gas (NG) with a maximum heat input rate of 25 MMBtu/hr. The boiler is utilized to produce steam to heat the corn syrup for the storage and handling operations, as well as to clean and sanitize tractor trailers, railcars and other equipment as needed. The emissions from the boiler operation are controlled by the firing of natural gas, which is considered to be Best Available Control Technology (BACT) for the boiler.

There is also an 80-gallon water heater (State Industries, Inc., Model No. SBS10076NE) on-site, which is for office use. The water heater is fired on natural gas with a maximum heat input rate of 0.08 MMBtu/hr. The water heat is categorically exempt from permitting pursuant to Rule 62-210.300(3)(a)33., F.A.C.

The facility consists of the following sources within this emissions unit.

EU No.	Emission Unit Description
001	500 HP Boiler

APPLICABLE REGULATIONS

A summary of the applicable regulations is shown in the following table.

Regulation	EU No(s).
<i>Federal Rule Citations</i>	
40 CFR 60, Subpart A, NSPS General Provisions	001
40 CFR 60, Subpart Dc	001
<i>State Rule Citations</i>	
Rule 62-296.406, F.A.C., Fossil Fuel Steam Generators	001
<i>Local Rule Citations</i>	
Chapter 1-3, Rules of the EPCHC	001

FACILITY REGULATORY CLASSIFICATION

- The facility is not a major source of hazardous air pollutants (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

FW1. Permitting Authority: The permitting authority for this project is the Environmental Protection Commission of Hillsborough County. The mailing address is 3629 Queen Palm Dr., Tampa, Florida 33619. All documents related to applications for permits to operate an emissions unit shall be submitted to the Environmental Protection Commission of Hillsborough County.

FW2. Compliance Authority: All documents related to compliance activities such as reports, tests, and notifications shall be submitted to the Environmental Protection Commission of Hillsborough County at: 3629 Queen Palm Dr., Tampa, Florida 33619.

FW3. 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).

FW4. 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.

FW5. New or Additional Conditions: For good cause shown and after notice and an administrative hearing, if requested, the EPCHC may require the permittee to conform to new or additional conditions. The EPCHC shall allow the permittee a reasonable time to conform to the new or additional conditions, and on application of the permittee, the EPCHC may grant additional time. [Rule 62-4.080, F.A.C.]

FW6. Modifications: No new emissions unit shall be constructed and no existing emissions unit shall be modified without obtaining an air construction permit from the EPCHC. 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.]

FW7. Renewal: Prior to 60 days before the expiration date of this permit, the permittee shall apply for a renewal of the permit. A renewal application shall be timely and sufficient. If the application is submitted prior to 60 days before expiration of the permit, it will be considered timely and sufficient. If the renewal application is submitted at a later date, it will not be considered timely and sufficient unless it is submitted and made complete prior to the expiration of the operation permit. When the application for renewal is timely and sufficient, the existing permit shall remain in effect until the renewal application has been finally acted upon by the Department. [Rule 62-4.090, F.A.C.]

FW8. At least 15 days prior to the date on which each required emissions test is to begin, the owner or operator shall notify the air compliance program identified by permit, unless shorter notice is agreed to by the appropriate air compliance program. The notification shall include the date, time, place of each such test, Facility ID Number, Emission Unit ID Number(s) and description(s), Emission Point Number(s) and description(s), test method(s), pollutant(s) to be tested, along with the name and telephone number of the person who will be responsible for conducting such test(s) for the owner or operator. If a scheduled emissions test needs to be re-scheduled, the owner or operator shall submit to the appropriate air compliance program a revised notification at least seven days prior to the re-scheduled emissions test date or arrange a re-scheduled test date with the appropriate air compliance program by mutual agreement. [Rule 62-297.310(9), F.A.C.]

SECTION 2. ADMINISTRATIVE REQUIREMENTS

FW9. When the Environmental Protection Commission of Hillsborough County (EPC) after investigation, has good reason (such as complaints, increased visible emissions or questionable maintenance of control equipment) to believe that any applicable emission standard contained in Rules 62-204, 62-210, 62-212, 62-296, or 62-297, F.A.C., or in a permit issued pursuant to those rules is being violated, it may require the owner or operator of the source to conduct compliance tests which identify the nature and quantity of pollutant emissions from the source and to provide a report on the results of said tests to the EPC. [Rule 62-297.310(8)(c), F.A.C.]

FW10. All reasonable precautions shall be taken to prevent and control generation of unconfined emissions of particulate matter in accordance with the provision in Rule 62-296.320, F.A.C. These provisions are applicable to any source, including, but not limited to, vehicular movement, transportation of materials, construction, alterations, demolition or wrecking, or industrial related activities such as loading, unloading, storing and handling. [Rule 62-296.320(4)(c), F.A.C.]

FW11. The permittee shall furnish the EPC written notification of any physical or operational change to an existing facility which may increase the emission rate of any air pollutant to which a standard applies, unless that change is specifically exempted under an applicable subpart or in 40 CFR §60.14(e). This notice shall be postmarked 60 days or as soon as practicable before the change is commenced and shall include information describing the precise nature of the change, present and proposed emission control systems, productive capacity of the facility before and after the change, and the expected completion date of the change. The EPC may request additional relevant information subsequent to this notice. [40 CFR 60.7(a)(4), Rule 62-4.070(3), F.A.C. and Permit No. 0570085-001-AC]

FW12. The permittee shall not cause, suffer, allow or permit the discharge of air pollutants which cause or contribute to an objectionable odor. [Rule 62-296.320(2), F.A.C.]

FW13. If the permittee wishes to transfer this permit to another owner, an "Application for Transfer of Air Permit" (DEP Form 62-210.900(7)) shall be submitted, in duplicate, to the Environmental Protection Commission of Hillsborough County within 30 days after the sale or legal transfer of the permitted facility. [Rule 62-4.120, F.A.C.]

SECTION 3. EMISSIONS UNIT SPECIFIC CONDITIONS

A. Boiler Operation

This section of the permit addresses the following emissions unit.

EU No.	Description
001	500 HP Boiler

PERFORMANCE RESTRICTIONS

A.1. Permitted Capacity: In order to ensure compliance with the emission limits in Specific Condition No. A.2., the following restrictions and conditions shall apply. [Rule 62-4.070(3), F.A.C., BACT Determination dated November 19, 1997 and Permit No. 0571185-001-AC]

- A) Fuel: Natural gas only;
- B) Maximum heat input: 25 MMBtu/hr;
- C) Maximum fuel usage: 220 million cubic feet per 12 consecutive month period;
- D) All products of combustion must vent through the stack;
- E) The operating hours are not restricted;
- F) The boiler shall be kept in good repair and all leaks shall be minimized.

EMISSIONS STANDARD

A.2. Visible Emissions Standard: Visible emissions shall not exceed 20% opacity except for either one six-minute period per hour during which opacity shall not exceed 27%. [Rule 62-296.406(1), F.A.C.]

TESTING REQUIREMENTS

A.3. Compliance Test: Test the boiler for visible emissions annually during each calendar year (January 1 – December 31). Visible emission observations shall be made at a point where the highest emissions are expected to occur. Testing procedures shall be consistent with the requirements of Rule 62-297.310, F.A.C. [Rules 62-4.070(3) and 62-297.310(8)(a)1., F.A.C.]

A.4. Testing Capacity: Testing of emissions shall be conducted with the sources operating at capacity. Capacity is defined as 90-100% of rated capacity which is the boiler heat input of 25 MMBtu/hr. If it is impracticable to test at capacity, then the source may be tested at less than capacity; in this case subsequent source operation is limited to 110% of the test load until a new test is conducted. Once the unit is so limited, then operation at higher capacities is allowed for no more than fifteen days for purposes of additional compliance testing to regain the rated capacity in the permit, with prior notification to the EPC. Failure to submit the input rates and actual operating conditions may invalidate the test. [Rules 62-4.070(3) and 62-297.310(3), F.A.C.]

A.5. Test Methods: Required tests shall be performed in accordance with the following reference method:

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

SECTION 3. EMISSIONS UNIT SPECIFIC CONDITIONS

A. Boiler Operation

Method	Description of Method and Comments
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 EPCHC. The EPA Method 9 test for the boiler shall be a minimum of sixty (60) minutes in duration and shall be conducted under the same operating condition as the test specified in Specific Condition No. A.4. [Rules 62-4.070(3), 62-204.800, and 62-297(5)(b), F.A.C.; and Appendix A of 40 CFR 60]

RECORDS AND REPORTS

A.6. In order to demonstrate compliance with Specific Condition No. A.1., the permittee shall maintain records of operation for the previous three (3) years. The records shall be made available to the EPCHC, state, or federal air pollution agency upon request. The records shall include, but are not limited to the following: [Rule 62-4.160(14)(b), F.A.C.]

- A) Month, Year
- B) Monthly natural gas consumed, in cubic feet;
- C) Rolling (12) month total of the natural gas.