

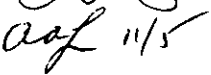



Florida Department of  
Environmental Protection

Memorandum

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TO: Howard L. Rhodes 

THRU: Clair Fancy   
Al Linero 

FROM: Willard Hanks 

DATE: November 5, 1997

SUBJECT: United States Sugar Corporation  
Construction and Operation Permits for a Portable Stone Crusher

Attached for your approval and signature is the final permit notice for an "after-the-fact" air construction/operation permit for a portable rock crusher with diesel engine drive that is used on property in Glades, Hendry, and Palm Beach County that is under the control of U. S. Sugar Corporation.

The application for this minor source was processed by BAR because it is a relocatable unit that operates in different Districts. The unit will use water as needed to control fugitive emissions. The unit is not subject to new source performance standards because it was built prior to the applicable date of 40 CFR 60, Subpart OOO, Standards of Performance for Nonmetallic Mineral Processing Plants.

I recommend your approval and signature of the final permit.

HLR/wh/h

Grayton Beach

850 - 231-4210

Houlton

904 736 5309

574 3143

STATE OF FLORIDA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION

NOTICE OF FINAL PERMITS

In the Matter of an  
Application for Permits

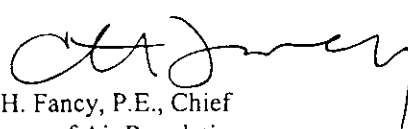
Mr. Lawrence D. Worth,  
Vice President of Engineering  
United States Sugar Corporation  
Post Office Box 1207  
Clewiston, Florida 33440-1207

DEP File Nos. 7775035-001-AC  
7775035-002-AO  
Relocatable Facility

Enclosed are Permit Numbers 7775035-001-AC and 7775035-002-AO for a portable stone crusher with diesel engine drive. These permits are issued pursuant to Chapter 403, Florida Statutes.

Any party to this order (permit) has the right to seek judicial review of the permits pursuant to Section 120.68, F.S., by the filing of a Notice of Appeal pursuant to Rule 9.110, Florida Rules of Appellate Procedure, with the Clerk of the Department in the Legal Office; 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 of Appeal must be filed within 30 (thirty) days from the date this Notice is filed with the Clerk of the Department.

Executed in Tallahassee, Florida.

  
C. H. Fancy, P.E., Chief  
Bureau of Air Regulation


CERTIFICATE OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this NOTICE OF FINAL PERMITS (including the FINAL permits) was sent by certified mail (\*) and copies were mailed by U.S. Mail before the close of business on 11-12-97 to the person(s) listed:

Mr. Lawrence Worth, U. S. Sugar \*  
Mr. David Buff, Golder Associates  
Mr. David Knowles, SD  
Mr. J. Koerner, PBCHU  
Mr. Isidore Goldman, SED

Clerk Stamp

**FILING AND ACKNOWLEDGMENT FILED**, on this date, pursuant to §120.52(7), Florida Statutes, with the designated Department Clerk, receipt of which is hereby acknowledged.

  
Kim Jaber  
(Clerk)

11-12-97  
(Date)

FINAL DETERMINATION

United States Sugar Corporation

Permit Nos. 7775035-001-AC & 7775035-002-AO

Relocatable Iowa Manufacturing Company Crusher with Diesel Drive Units

An Intent to Issue air construction and operation permits for a relocatable stone crusher facility to be operated by the United States Sugar Corporation at sugar cane mills and farm land in Glades, Hendry, and Palm Beach Counties was distributed on September 8, 1997. The Public Notice of Intent to Issue Air Permits was published in the Sun on September 18, 1997, in the Clewiston News on September 24, 1997, and in the Glades County Democrat on September 25, 1997. No comments were submitted in response to the public notice.

The final action of the Department will be to issue the permits as proposed.

**SENDER:**

- Complete items 1 and/or 2 for additional services.
- Complete items 3, 4a, and 4b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "Return Receipt Requested" on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):

- Addressee's Address
- Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:  
 Lawrence W. Worth  
 U.S. Sugar Corp.  
 P.O. Box 1207  
 Clewiston, FL 33440-1207

4a. Article Number  
 P2125 659 485

4b. Service Type  
 Registered  Certified  
 Express Mail  Insured  
 Return Receipt for Merchandise  COD

7. Date of Delivery  
 11-14-97

5. Received By: (Print Name)  
 X Frank D. Wheeler

6. Signature: (Addressee or Agent)  
 X Frank D. Wheeler

8. Addressee's Address (Only if requested and fee is paid)

PS Form 3811, December 1994 Domestic Return Receipt

is your RETURN ADDRESS completed on the reverse side? Thank you for using Return Receipt Service.

P 265 659 485

US Postal Service  
**Receipt for Certified Mail**  
 No Insurance Coverage Provided.  
 Do not use for International Mail (See reverse)

Sent to	Lawrence Worth
Street & Number	U.S. Sugar Corp
Post Office, State, & ZIP Code	Clewiston FL
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	\$
Postmark or Date	11-12-97
	775035-001-Ac
	775035-002-AD

PS Form 3800, April 1995



# Department of Environmental Protection

Lawton Chiles  
Governor

Twin Towers Office Building  
2600 Blair Stone Road  
Tallahassee, Florida 32399-2400

Virginia B. Wetherell  
Secretary

## PERMITTEE:

United States Sugar Corporation  
Post Office Box 1207  
Clewiston, Florida 33440-1207

*Authorized Representative:*  
Mr. Lawrence D. Worth  
Vice President of Engineering

FID No.	7775035
SIC No.	1422
Project:	Rock Crusher
Permit No.	7775035-001-AC
Expires:	January 1, 1998

Permit No.	7775035-002-AO
Expires:	October 1, 2002

## PROJECT AND LOCATION:

After-the-fact permits for the construction and operation of a 435 ton per hour rock crusher powered by a 318 horsepower diesel engine within the property of U.S. Sugar Corporation in Hendry, Glades and Palm Beach Counties.

The units may be operated on any land controlled by the United States Sugar Corporation in Glades, Hendry, and Palm Beach Counties that was covered by a public notice for the units published within the last 5 years. It may operate in other counties within the state provided that the public notice requirements have been met in the counties and the unit's permit has been amended to authorize operation in the other counties.

## STATEMENT OF BASIS:

This construction and operation permits are issued under the provisions of Chapter 403 of the Florida Statutes (F.S.), and the Florida Administrative Code (F.A.C.) Chapters 62-4, 62-204, 62-210, 62-212, 62-296, and 62-297. The above named permittee is authorized to construct and operate the units in accordance with the conditions of this permit and as described in the application, approved drawings, plans, and other documents on file with the Department of Environmental Protection (Department).

Attached appendices are made a part of this permit:

Appendix GC	Permit General Conditions
Appendix CSC	Emission Unit(s) Common Specific Conditions

Howard L. Rhodes, Director  
Division of Air Resources  
Management

**AIR CONSTRUCTION PERMIT 7775035-001-AC**  
**AIR OPERATION PERMIT 7775035-002-AO**

**SECTION I. FACILITY INFORMATION**

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**SUBSECTION A. FACILITY DESCRIPTION**

These existing units consist of a 435 TPH Iowa Manufacturing Company Model 3633 crusher with associated equipment (vibrating scalping feeder) and a 318 hp diesel engine drive unit. They are used at an existing sugar mill and property owned by U. S. Sugar Corporation.

**SUBSECTION B. EMISSION UNITS**

This permit addresses the following emission units:

<b>EMISSIONS UNIT NO.</b>	<b>SYSTEM</b>	<b>EMISSIONS UNITS DESCRIPTION</b>
001	Raw Material Processed	Material handling (fugitive emissions) and crushing (fugitive emissions)
002	Power	Diesel engine drive unit (emission of fuel combustion products)

**SUBSECTION C. REGULATORY CLASSIFICATION**

These units have an SIC Code No. 1422 : Stone Quarrying / Processing and constitute a non-Title V minor source of air pollution. U. S. Sugar's sugar mills are major (Title V) sources of air pollution. The rock crusher has a different SIC than the sugar mills.

**SUBSECTION D. PERMIT SCHEDULE**

- 06-11-97 Received application for Construction Permit
- 08-15-97 Construction and Operation Permit Applications deemed complete
- 09-08-97 Issued Notice of Intent to issue Permit
- 09-29-97 Received proof of publication in newspapers of general circulation

**SUBSECTION E. RELEVANT DOCUMENTS**

The documents listed below are the basis of the permit. They are specifically related to this permitting action. These documents are on file with the Department.

- Application dated June 5, 1997
- Department letter dated June 18, 1997
- Letters from U.S. Sugar and Golder Associates dated July 15 and August 14, 1997 respectively
- Technical Evaluation and Preliminary Determination dated August 29, 1997

AIR CONSTRUCTION PERMIT 7775035-001-AC  
AIR OPERATION PERMIT 7775035-002-AO

**SECTION II. EMISSION UNIT(S) GENERAL REQUIREMENTS**

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**SUBSECTION A. ADMINISTRATIVE**

- A.1 Regulating Agencies: All documents related to the permit to operate, reports, tests, minor modifications and notifications shall be submitted to the District or County Environmental office which has jurisdiction over the facility operating these units.
- A.2 Changes/Modifications: All applications for permits to operate or modify these emission unit(s) should be submitted to the Bureau of Air Regulation (BAR), Florida Department of Environmental Protection (FDEP) located at 2600 Blairstone Road, Tallahassee, Florida 32399-2400 and phone number (850)488-1344.
- A.3 General Conditions: The owner and operator is subject to and shall operate under the attached General Permit Conditions G.1 through G.15 listed in *Appendix GC* of this permit. General Permit Conditions are binding and enforceable pursuant to Chapter 403 of the Florida Statutes. [Rule 62-4.160, F.A.C.]
- A.4 Terminology: The terms used in this permit have specific meanings as defined in the corresponding chapters of the Florida Administrative Code.
- A.5 Forms and Application Procedures: The permittee shall use the applicable forms listed in Rule 62-210.900, F.A.C. and follow the application procedures in Chapter 62-4, F.A.C. [Rule 62-210.900, F.A.C.]
- A.6 Expiration: This air construction permit shall expire on **January 1, 1998**. The air operation permit shall expire on **October 1, 2002**. [Rule 62-210.300(1), F.A.C.]. The permittee may, for good cause, request that this construction permit be extended. Such a request shall be submitted to the BAR at least 60 days prior to the expiration of the construction permit. However, the permittee shall promptly notify the permitting authority office of any delays in completion of the project which would affect the startup day by more than 90 days. [Rule 62-4.090, F.A.C.]
- A.7 Applicable Regulations: Unless otherwise indicated in this permit, the construction and operation of the portable stone crusher and diesel power drive units shall be in accordance with the capacities and specifications stated in the application. This facility is subject to all applicable provisions of Chapter 403, F.S. and Florida Administrative Code Chapters 62-4; 62-103; 62-204, 62-210, 62-212, 62-296, and 62-297. Issuance of this permit does not relieve the facility owner or operator from compliance with any applicable federal, state, or local permitting requirements or regulations. [Rule 62-210.300, F.A.C.]
- A.8 Relocation Notice: At least 7 days prior to relocating the plant to an approved site (county), the permittee shall notify the air program administrator for the Department's District and, if applicable, county air program administrator of the next county in Florida that the unit will be operated at. The notification will be on DEP Form 62-210.900(3), F.A.C. The notification shall include the permit number of the facility, a copy of the last test results, the date of the proposed move, and the new work site for the facility. Unless notified otherwise by an environmental agency, the unit may be relocated and operated at the new site. The Department may require a Notice of Agency Action be published in a newspaper having circulation in the county the unit is moving to. Also, a county license may be required. The Department will notify the permittee of any new restrictions for the facility that will apply while it is operating at the new site. At least 30 days prior to relocating to a



AIR CONSTRUCTION PERMIT 7775035-001-AC  
AIR OPERATION PERMIT 7775035-002-AO

**SECTION II. EMISSION UNIT(S) GENERAL REQUIREMENTS**

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site (county) which is not yet approved, the permittee shall notify the BAR using the proper form and have this permit amended prior to relocation of the unit. [Rule 62-210.900, F.A.C.]

- A.9 Application for an Operation Permit: An application for renewal of the operation permit must be submitted to the BAR at least 90 days prior to the expiration date of this operation permit. To apply for an operation permit, the applicant shall submit the appropriate application form, fee, a report on any physical change or major maintenance to the facility, and compliance test reports as required by this permit. [Rule 62-4.220, F.A.C.]

AIR CONSTRUCTION PERMIT 7775035-001-AC  
AIR OPERATION PERMIT 7775035-002-AO

**SECTION III. EMISSION UNIT(S) SPECIFIC CONDITIONS**

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**SUBSECTION A. SPECIFIC CONDITIONS:**

The following Specific Conditions apply to the following emission units:

EMISSION UNIT NO.	SYSTEM	EMISSION UNIT DESCRIPTION
001	Material handling/processing	Iowa Manufacturing Co. crusher, conveyors, and feeder (fugitive particulate matter emissions)
002	Power	318 hp diesel engine (products of combustion)

These emission units shall comply with all applicable provisions of 40 CFR 60, Subpart OOO, Chapters 62-210 and 62-296, F.A.C.

**EMISSION LIMITATIONS**

- A.1 The maximum visible emissions for Unit 001 (crusher and associated equipment) and Unit 002 (diesel drive) shall not exceed 20 percent opacity. [Rule 62-296.320, F.A.C.]
- A.2 In order to minimize excess emissions during startup/shutdown/malfunction, these emission units shall adhere to best operational practices. [Rule 62-210.700, F.A.C. and 40 CFR 60.7]

**OPERATIONAL LIMITATIONS**

- A.3 These emission units are allowed to operate up to 7,280 hours during any calendar year. [Rule 62-210.200, F.A.C. Definitions-Potential to emit (PTE)].
- A.4 The crusher may process up to 435 TPH and 3,166,800 TPY rocks.
- A.5 The diesel engine drive may burn up to 10 GPH and 73,000 GPY diesel fuel containing a maximum of 0.5 percent sulfur.

**TEST METHODS AND PROCEDURES**

- A.6 Compliance with the allowable emission limiting standards listed in Specific Conditions A.1 and A.5 shall be determined by using the following reference method as described in 40 CFR 60, (1995, version) as adopted by reference in Chapter 62-204, F.A.C.

**Method 9** Visual Determination of the Opacity of Emissions from Stationary Sources. Tests shall be conducted annually on Units 001 and 002.

**ASTM D129-91.** Standard Test Method for Sulfur in Petroleum Products. Certification of the sulfur content in the diesel fuel from the supplier is also acceptable. Records of the sulfur content of each delivery shall be maintained.

**RECORDKEEPING AND REPORTING REQUIREMENTS**

- A.7 The permittee shall maintain a log showing the annual hours per year operation, fuel consumption, and any major maintenance on the units.
- A.8. Each owner or operator seeking to comply with 40 CFR 60.670(d) shall submit to the Administrator the following information about the existing emission unit being replaced and the replacement piece of equipment.

AIR CONSTRUCTION PERMIT 7775035-001-AC  
AIR OPERATION PERMIT 7775035-002-AO

**SECTION III. EMISSION UNIT(S) SPECIFIC CONDITIONS**

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- a) For a crusher, grinding mill, bucket elevator, bagging operation, or enclosed truck or rail car loading station:
  - (1) The rated capacity in tons per hour of the existing emission unit being replaced and
  - (2) The rated capacity in tons per hour of the replacement equipment. [Rule 62-296.800, F.A.C.; 40 CFR 60.676(a)(1)(i) and (ii)]
- b) For a screening operation:
  - (1) The total surface area of the top screen of the existing screening operation being replaced and
  - (2) The total surface area of the top screen of the replacement screening operation. [Rule 62-296.800, F.A.C.; 40 CFR 60.676(a)(2)(i) and (ii)]
- c) For a conveyor belt:
  - (1) The width of the existing belt being replaced and
  - (2) The width of the replacement conveyor belt. [Rule 62-296.800, F.A.C.; 40 CFR 60.676(a)(3)(i) and (ii)]
- d) For a storage bin:
  - (1) The rated capacity in tons of the existing storage bin being replaced and
  - (2) The rated capacity in tons of replacement storage bins. [Rule 62-296.800, F.A.C.; 40 CFR 60.676(a)(4)(i) and (ii)]

A.9. Each owner or operator seeking to comply with 40 CFR 60.670(d) shall submit the following data to the Director of the Emission Standards and Engineering Division, (MD-13), U.S. Environmental Protection Agency, Research Triangle Park, North Carolina 27711 and BAR.

- a) The information described in 40 CFR 60.676(a);
- b) A description of the control device used to reduce particulate matter emissions from the existing emission unit and a list of all other pieces of equipment controlled by the same control device; and
- c) The estimated age of the existing emission unit. [Rule 62-296.800, F.A.C.; 40 CFR 60.676(b)(1), (2) and (3)]

**Daily Operation and Maintenance (O&M) Log:**

A.10. This facility shall maintain a central file containing all measurements, records, and other data that are required to be collected pursuant to the various specific conditions of this permit. Operators shall keep a daily O&M log to include, at a minimum, the following information:

- a) The records on production rate.
- b) The amount of fuel burned.
- c) Maintenance/repair logs for any work performed on equipment or instrument which is subject to this permit.
- d) Total diesel fuel usage for the calendar year.
- e) Total hours of operation of each unit for the calendar year.

All measurements, records, and other data required to be maintained by permittee shall be retained for at least five (5) years following the data on which such measurements, records, or data are recorded. These data shall be made available to the Department or county upon request. The

AIR CONSTRUCTION PERMIT 7775035-001-AC  
AIR OPERATION PERMIT 7775035-002-AO

**SECTION III. EMISSION UNIT(S) SPECIFIC CONDITIONS**

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District or County Environmental Agency, if applicable, having jurisdiction over the site that the units are operated at shall be notified in writing at least 15 days prior to the testing (auditing) of any instrument required to be operated by these specific conditions of certification in order to allow witnessing by authorized personnel. [Rule 62-4.070(3), F.A.C.]

**APPENDIX GC**  
**GENERAL PERMIT CONDITIONS [F.A.C. 62-4.160]**

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- G.1 The terms, conditions, requirements, limitations, and restrictions set forth in this permit are "Permit Conditions" and are binding and enforceable pursuant to Sections 403.161, 403.727, or 403.859 through 403.861, Florida Statutes. The permittee is placed on notice that the Department will review this permit periodically and may initiate enforcement action for any violation of these conditions.
- G.2 This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviation from the approved drawings or exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by the Department.
- G.3 As provided in Subsections 403.087(6) and 403.722(5), Florida Statutes, the issuance of this permit does not convey and vested rights or any exclusive privileges. Neither does it authorize any injury to public or private property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations. This permit is not a waiver or approval of any other Department permit that may be required for other aspects of the total project which are not addressed in the permit.
- G.4 This permit conveys no title to land or water, does not constitute State recognition or acknowledgment of title, and does not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the State. Only the Trustees of the Internal Improvement Trust Fund may express State opinion as to title.
- G.5 This permit does not relieve the permittee from liability for harm or injury to human health or welfare, animal, or plant life, or property caused by the construction or operation of this permitted source, or from penalties therefore; nor does it allow the permittee to cause pollution in contravention of Florida Statutes and Department rules, unless specifically authorized by an order from the Department.
- G.6 The permittee shall properly operate and maintain the facility and systems of treatment and control (and related appurtenances) that are installed or used by the permittee to achieve compliance with the conditions of this permit, as required by Department rules. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to achieve compliance with the conditions of the permit and when required by Department rules.
- G.7 The permittee, by accepting this permit, specifically agrees to allow authorized Department personnel, upon presentation of credentials or other documents as may be required by law and at a reasonable time, access to the premises, where the permitted activity is located or conducted to:
- (a) Have access to and copy and records that must be kept under the conditions of the permit;
  - (b) Inspect the facility, equipment, practices, or operations regulated or required under this permit, and,
  - (c) Sample or monitor any substances or parameters at any location reasonably necessary to assure compliance with this permit or Department rules.

Reasonable time may depend on the nature of the concern being investigated.

- G.8 If, for any reason, the permittee does not comply with or will be unable to comply with any condition or limitation specified in this permit, the permittee shall immediately provide the Department with the following information:
- (a) A description of and cause of non-compliance; and
  - (b) The period of noncompliance, including dates and times; or, if not corrected, the anticipated time the non-compliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the non-compliance.

**APPENDIX GC**  
**GENERAL PERMIT CONDITIONS [F.A.C. 62-4.160]**

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The permittee shall be responsible for any and all damages which may result and may be subject to enforcement action by the Department for penalties or for revocation of this permit.

- G.9 In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data and other information relating to the construction or operation of this permitted source which are submitted to the Department may be used by the Department as evidence in any enforcement case involving the permitted source arising under the Florida Statutes or Department rules, except where such use is prescribed by Sections 403.73 and 403.111, Florida Statutes. Such evidence shall only be used to the extent it is consistent with the Florida Rules of Civil Procedure and appropriate evidentiary rules.
- G.10 The permittee agrees to comply with changes in Department rules and Florida Statutes after a reasonable time for compliance, provided, however, the permittee does not waive any other rights granted by Florida Statutes or Department rules.
- G.11 This permit is transferable only upon Department approval in accordance with Florida Administrative Code Rules 62-4.120 and 62-730.300, F.A.C., as applicable. The permittee shall be liable for any non-compliance of the permitted activity until the transfer is approved by the Department.
- G.12 This permit or a copy thereof shall be kept at the work site of the permitted activity.
- G.13 This permit also constitutes:
- (a) Determination of Best Available Control Technology ( )
  - (b) Determination of Prevention of Significant Deterioration ( ); and
  - (c) Compliance with New Source Performance Standards ( ).
- G.14 The permittee shall comply with the following:
- (a) Upon request, the permittee shall furnish all records and plans required under Department rules. During enforcement actions, the retention period for all records will be extended automatically unless otherwise stipulated by the Department.
  - (b) The permittee shall hold at the facility or other location designated by this permit records of all monitoring information (including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation) required by the permit, copies of all reports required by this permit, and records of all data used to complete the application or this permit. These materials shall be retained at least three years from the date of the sample, measurement, report, or application unless otherwise specified by Department rule.
  - (c) Records of monitoring information shall include:
    - 1. The date, exact place, and time of sampling or measurements;
    - 2. The person responsible for performing the sampling or measurements;
    - 3. The dates analyses were performed;
    - 4. The person responsible for performing the analyses;
    - 5. The analytical techniques or methods used; and
    - 6. The results of such analyses.
- G.15 When requested by the Department, the permittee shall within a reasonable time furnish any information required by law which is needed to determine compliance with the permit. If the permittee becomes aware that relevant facts were not submitted or were incorrect in the permit application or in any report to the Department, such facts or information shall be corrected promptly.

**APPENDIX CSC**  
EMISSION UNIT(S) COMMON SPECIFIC CONDITIONS

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**SUBSECTION 1.0 EMISSION LIMITING STANDARDS**

- 1.1 General Visible Emissions Standard: Unless otherwise specified by rule or permit, no person shall cause, let, permit, suffer, or allow to be discharged into the atmosphere the emissions of air pollutants from any activity, the density of which is equal to or greater than that designated as Number 1 on the Ringelmann Chart (20% opacity). [Rule 62-296-320(4)(b)1, F.A.C.]
- 1.2 Unconfined Emissions of Particulate Matter [Rule 62-296.320(4)(c), F.A.C.]
- (a) The owner or operators shall not cause, let, permit, suffer or allow the emissions of unconfined particulate matter from any source whatsoever, including, but not limited to, vehicular movement, transportation of materials, construction, alteration, demolition or wrecking, or industrially related activities such as loading, unloading, storing or handling, without taking reasonable precautions to prevent such emission.
- (b) Reasonable precautions may include the following:
- Paving and maintenance of roads, parking areas and yards.
  - Application of water or chemicals to control emissions from such activities as demolition of buildings, grading roads, construction, and land clearing.
  - Application of asphalt, water, oil, chemicals or other dust suppressants to unpaved roads, yards, open stock piles and similar activities.
  - Removal of particulate matter from roads and other paved areas under the control of the owner or operator of the facility to prevent reentrainment, and from buildings or work areas to prevent particulate from becoming airborne.
  - Landscaping or planting of vegetation.
  - Use of hoods, fans, filters, and similar equipment to contain, capture and/or vent particulate matter.
  - Confining abrasive blasting where possible.
  - Enclosure or covering of conveyor systems.
- (c) Any permit issued to a facility with emissions of unconfined particulate matter shall specify the reasonable precautions to be taken by that facility to control the emissions of unconfined particulate matter. For this operation, reasonable precautions shall be keeping the rock wet as needed to minimize unconfined emissions and applying any of the controls methods listed above that are feasible for the operation.

*NOTE: Facilities that cause frequent, valid complaints may be required by the Districts or County Environmental Agencies to take these or other reasonable precautions. In determining what constitutes reasonable precautions for a particular source, the Department shall consider the cost of the control technique or work practice, the environmental impacts of the technique or practice, and the degree of reduction of emissions expected from a particular technique or practice.*

**APPENDIX CSC**  
EMISSION UNIT(S) COMMON SPECIFIC CONDITIONS

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1.3 General Pollutant Emission Limiting Standards: [Rule 62-296.320, F.A.C.]

- (a) The owner or operator shall not store, pump, handle, process, load, unload or use in any process or installation, volatile organic compounds or organic solvents without applying known and existing vapor emission control devices or systems.
- (b) No person shall cause, suffer, allow or permit the discharge of air pollutants which cause or contribute to an objectionable odor.

*NOTE: An objectionable odor is defined as any odor present in the outdoor atmosphere which by itself or in combination with other odors, is or may be harmful or injurious to human health or welfare, which unreasonably interferes with the comfortable use and enjoyment of life or property, or which creates a nuisance. [F.A.C. 62-210.200(198)]*

**SUBSECTION 2.0      OPERATION AND MAINTENANCE**

2.1 Operating Requirements:

- (a) The units shall not operate more than 7,280 hours during any calendar year.

2.2 Changes/Modifications: The owner or operator shall submit to the Permitting Authority(s), for review any changes in, or modifications to: the method of operation; process or pollution control equipment; increase in hours of operation; equipment capacities; or any change which would result in an increase in potential/actual emissions. Depending on the size and scope of the modification, it may be necessary to submit an application for, and obtain, an air construction permit prior to making the desired change. *Routine maintenance of equipment will not constitute a modification of this permit.* [Rule 62-4.030, 62-210.300 and 62-4.070(3), F.A.C.]

2.3 Plant Operation - Problems: If temporarily unable to comply with any of the conditions of the permit due to breakdown of equipment or destruction by fire, wind or other cause, the owner or operator shall notify the District and County Environmental Agency as soon as possible, but at least within (1) working day, excluding weekends and holidays. The notification shall include: pertinent information as to the cause of the problem; the steps being taken to correct the problem and prevent future recurrence; and where applicable, the owner's intent toward reconstruction of destroyed facilities. Such notification does not release the permittee from any liability for failure to comply with the conditions of this permit and the regulations. [Rule 62-4.130, F.A.C.]

2.4 Circumvention: The owner or operator shall not circumvent the air pollution control equipment or allow the emission of air pollutants without this equipment operating properly. [Rules 62-210.650, F.A.C.]

2.5 Excess Emissions Requirements [Rule 62-210.700, F.A.C.]



## APPENDIX CSC

### EMISSION UNIT(S) COMMON SPECIFIC CONDITIONS

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- (a) Excess emissions resulting from start-up, shutdown or malfunction of these emission units shall be permitted providing (1) best operational practices to minimize emissions are adhered to and (2) the duration of excess emissions shall be minimized, but in no case exceed two hours in any 24 hour period unless specifically authorized by the District and County Environmental Agency office for longer duration. [Rule 62-210.700(1), F.A.C.]
- (b) Excess emissions that are caused entirely or in part by poor maintenance, poor operation, or any other equipment or process failure that may reasonably be prevented during start-up, shutdown, or malfunction shall be prohibited. [Rule 62-210.700(4), F.A.C.]
- (c) In case of excess emissions resulting from malfunctions, the owner or operator shall notify District and County Environmental Agency within one (1) working day of: the nature, extent, and duration of the excess emissions; the cause of the problem; and the corrective actions being taken to prevent recurrence. [Rule 62-210.700(6), F.A.C.]

2.6 Operating Procedures: Operating procedures shall include good operating practices and proper training of all operators and supervisors. The good operating practices shall meet the guidelines and procedures as established by the equipment manufacturers. All operators (including supervisors) of air pollution control devices shall be properly trained in plant specific equipment. [Rule 62-4.070(3), F.A.C.]

#### SUBSECTION 3.0 MONITORING OF OPERATIONS

##### 3.1 Determination of Process Variables

- (a) The permittee shall operate and maintain equipment and/or instruments necessary to determine process variables, such as process weight input or heat input, when such data is needed in conjunction with emissions data to determine the compliance of the emissions unit with applicable emission limiting standards.
- (b) Equipment and/or instruments used to directly or indirectly determine such process variables, including devices such as belt scales, weigh hoppers, flow meters, and tank scales, shall be calibrated and adjusted to indicate the true value of the parameter being measured with sufficient accuracy to allow the applicable process variable to be determined within 10% of its true value. [Rule 62-297.310(5), F.A.C.]

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**SUBSECTION 4.0 TEST REQUIREMENTS**

4.1 Test Performance Within 60 days after achieving the maximum production rate at which these emission units will be operated, but not later than 180 days after initial startup and annually thereafter, the owner or operator of this facility shall conduct performance test(s) pursuant to 40 CFR 60.8, Subpart A, General Provisions and 40 CFR 60, Appendix A. No other test method shall be used unless approval from the Department has been received in writing. Unless otherwise stated in the applicable emission limiting standard rule, testing of emissions shall be conducted with the emission unit(s) operating at permitted capacity pursuant to Rule 62-297.310(2), F.A.C. [Rules 62-204.800, 62-297.310, 62-297.400, 62-297.401, F.A.C.]

Units 001 (crusher) and 002 (diesel engine) shall be tested as follows:

- (a) Visible emissions by EPA Method 9 prior to applying for a permit to operate.
- (b) Annually for visible emissions. Report if water is used to control fugitive emissions from unit 001 during the tests.
- (c) Annually report the sulfur content of the diesel fuel used in Unit 002. Certification of sulfur content of diesel fuel by the fuel supplier will be acceptable for this report.

4.2 Test Procedures shall meet all applicable requirements of the Florida Administrative Code Chapter 62-297. [Rule 62-297.310, F.A.C.]

4.3 Test Notification: The owner or operator shall notify the District and County Environmental Agency in writing at least (30) days (initial) and 15 days (annual) prior to each scheduled compliance test to allow witnessing. The notification shall include the compliance test date, place of such test, the expected test time, the facility contact person for the test, and the person or company conducting the test. The (30) or (15) day notification requirement may be waived at the discretion of the Department. Likewise, if circumstances prevent testing during the test window specified for the emission unit, the owner or operator may request an alternate test date before the expiration of this window. [Rule 62-297.310 and 40 CFR 60.8, F.A.C.]

4.4 Special Compliance Tests: When the Department, 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 Rule 62-204, 62-210, 62-212, 62-296 and 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 facility to conduct compliance tests which identify the nature and quantity of pollutant emissions from the emissions units and to provide a report on the results of said tests to the District and County Environmental Agency. [Rule 62-297.310(7)(b), F.A.C.]

4.5 Stack Testing Facilities: The owner or operator shall install any required stack testing facilities in accordance with Rule 62-297.310(6), F.A.C.

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- 4.6 Exceptions and Approval of Alternate Procedures and Requirements: An Alternate Sampling Procedure (ASP) may be requested from the Bureau of Air Monitoring and Mobile Sources of the Florida Department of Environmental Protection in accordance with the procedures specified in **Rule 62-297.620, F.A.C.**
- 4.7 Operating Rate During Testing: Unless otherwise stated in the applicable emission limiting standard rule, testing of emissions shall be conducted with the emissions unit operation at permitted capacity. Permitted capacity is defined as 90 to 100 percent of the maximum operation rate allowed by the permit. If it is impracticable to test at permitted capacity, an emissions unit may be tested at less than the minimum permitted capacity; in this case, subsequent emissions unit operation is limited to 110 percent of the test load until a new test is conducted. Once the unit is so limited, operation at higher capacities is allowed for no more than 15 consecutive days for the purpose of additional compliance testing to regain the authority to operate at the permitted capacity. [**Rule 62-297.310(2) and (3)**]

**SUBSECTION 5.0 REPORTS AND RECORDS**

- 6.1 Duration: All reports and records required by this permit shall be kept for at least (5) years from the date the information was recorded. [**Rule 62-4.160(14)(b), F.A.C.**]
- 6.2 Emission Compliance Stack Test Reports:
- (a) A *test report* indicating the results of the required compliance tests shall be filed with the Permitting Authority as soon as practical, but no later than 45 days after the last sampling run is completed. [**Rule 62-297.310(8), F.A.C.**]
  - b) The *test report* shall provide sufficient detail on the tested emission unit and the procedures used to allow the Department to determine if the test was properly conducted and if the test results were properly computed. At a minimum, the test report shall provide the applicable information listed in **Rule 62-297.310(8), F.A.C.**
- 5.3 Excess Emissions Report: If excess emissions occur, the owner or operator shall notify the District and County Environmental Agency within (1) working day of: the nature, extent, and duration of the excess emissions; the cause of the excess emissions; and the actions taken to correct the problem. In addition, the Department may request a written summary report of the incident. [**Rules 62-4.130 and 62-210.700(6), F.A.C.**]
- 5.4 The permittee shall maintain a daily log that shows the date, location, operation time, any use of water to control unconfined emissions, and any operation problems. These records shall be maintained for a minimum of 5 years.

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- 5.5 Annual Operating Report for Air Pollutant Emitting Facility: Before March 1st of each year, the owner or operator shall submit to the Permitting Authority this required report [DEP Form No. 62-210.900(5)], which summarizes operations for the previous calendar year. [Rule 62-210.370(3), F.A.C.]

**SUBSECTION 6.0 OTHER REQUIREMENTS**

- 6.1 Waste Disposal: The owner or operator shall treat, store, and dispose of all liquid, solid, and hazardous wastes in accordance with all applicable Federal, State, and Local regulations. This air pollution permit does not preclude the permittee from securing any other types of required permits, licenses, or certifications.