

# Memorandum

# Florida Department of Environmental Protection

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TO: Howard L. Rhodes

THRU: Clair Fancy  
Jonathan Holton *J. H.*

FROM Ross Pollock

DATE: March 10, 1999

SUBJECT: Angelo's Recycled Materials, Inc.  
Construction Permit for a Relocatable Concrete and Asphalt Crusher  
Final Permit No. 7770179-001-AC

Attached is the Final air construction permit for a portable concrete and asphalt material crusher with a diesel powered generator to be used at industrial and construction sites in Florida.

The application for this minor source is being processed by BAR because it is a relocatable unit that operates in different Districts. The unit is subject to new source performance standards 40 CFR 60, Subpart OOO, Standards of Performance for Nonmetallic Mineral Processing Plants. The crusher will use water as needed to control fugitive emissions.

I recommend your approval and signature of the Final Permit.

Enclosures

/RJP

## FINAL DETERMINATION

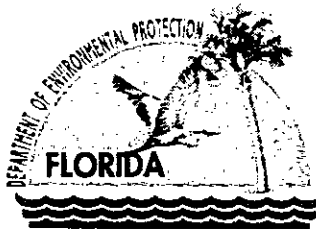
Angelo's Recycled Materials  
Relocatable Concrete and Asphalt Material Crusher

Permit No. 7770179-001-AC

An Intent to Issue an air construction permit for a relocatable concrete and asphalt material crusher belonging to Angelo's Recycled Materials, Inc. was distributed on January 20, 1999. The Public Notice of Intent to Issue Air Construction Permit was published in the Tampa Tribune on February 8, 1999, and the Orlando Sentinel on January 29, 1999. These newspapers have circulation in the following counties: Orange, Seminole, Brevard, Citrus, Sumter, Hernando, Pasco, Pinellas, Polk, Manatee, Sarasota, Desoto, Hardee and Highlands. The facility will not be authorized to operate in other counties until the public notice requirements are met in the other counties and their permit is amended to authorize operation in the counties.

No comments were submitted by the general public in response to the public notice for this facility. However, comments were submitted by Gary Robbins of the Pinellas County Department of Environmental Management in response to notification of the draft permit for this relocatable crusher. The County requested that the Department list the diesel engine as a separate emissions unit. In response, the Department has listed the diesel engine as a separate emissions unit, however there are no unit specific regulatory requirements which apply to the diesel engine. Pinellas County also requested that certain specific conditions be modified to clarify which regulating agency the facility is required to report to. These recommendations have been incorporated into the Final Permit for Angelo's Recycled Materials, Inc.

The final action of the Department will be to issue the permit for the counties covered by the public notices as proposed except for the changes noted above.



Jeb Bush  
Governor

# Department of Environmental Protection

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

David B. Struhs  
Secretary

In the Matter of an  
Application for Permit

Mr. Bob Coble, General Manager  
Angelo's Recycled Materials  
Post Office Box 1493  
Largo, Florida 33779-1493

DEP File No. 7770179-001-AC

## **NOTICE OF FINAL PERMIT**

Enclosed is the Final Permit Number 7770179-001-AC for a diesel engine powered portable concrete and asphalt material crusher that will be operated at construction and industrial sites throughout Florida. This permit is 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 3/18/99 to the person(s) listed:

Mr. Bob Coble, Angelo's Recycled Materials \*  
Mr. Bernard A. Ball, Jr., Environmental Specialist, Central Florida Testing Laboratories, Inc.  
~~The following persons were sent copies by E-Mail:~~ *all Hand Copy. J.H.*  
Jerry Campbell, Hillsborough County Environmental Protection Commission  
Peter Hessling, Pinellas County Department of Environmental Management  
Marie Driscoll, Orange County Environmental Protection Department  
Kent Kimes, Sarasota County Natural Resources Department  
Gerald Kissell, DEP, Southwest District  
Phil Barbaccia, DEP, South District  
Len Kozlov, DEP, Central District

... 1-800-375-8299 for more information. For a complete list of services, see the reverse side.

**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):

- 1.  Addressee's Address
- 2.  Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:

**Mr. Bob Coble, General Manager  
Angelo's Recycled Materials  
Post Office Box 1493  
Largo, FL 33779-1493**

4a. Article Number

P 174 653 150

4b. Service Type

- Registered  Certified
- Express Mail  Insured
- Return Receipt for Merchandise  COD

7. Date of Delivery

3-30-99

5. Received By: (Print Name)

Coble, A. Bucholz

6. Signature: (Addressee or Agent)

X

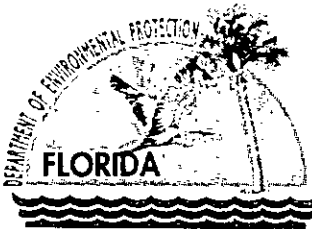
8. Addressee's Address (Only if requested and fee is paid)

Thank you for using Return Receipt Service.

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.

*Barbara J. Portwell* 3/18/99  
(Clerk) (Date)



Jeb Bush  
Governor

# Department of Environmental Protection

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

David B. Struhs  
Secretary

## PERMITTEE

Angelo's Recycled Materials, Inc.  
Aggregate Processing Plant No. 3  
P.O. Box 1493  
Largo, Florida 33779-1493

<b>FID No.</b>	7770179
<b>Permit No.</b>	7770179-001-AC
<b>SIC No.</b>	1429
<b>Expires:</b>	September 15, 1999

## AUTHORIZED REPRESENTATIVE:

Mr. Bob Coble, General Manager

## PROJECT

This permit allows the applicant to construct a relocatable diesel engine powered portable concrete and asphalt material crushing plant.

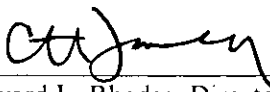
## STATEMENT OF BASIS

This construction permit is 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 the facility 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).

## APPENDIX

The attached appendix is a part of this permit:

Appendix GC      General Permit Conditions

  
for \_\_\_\_\_  
Howard L. Rhodes, Director  
Division of Air Resources  
Management

**SECTION II. FACILITY-WIDE SPECIFIC CONDITIONS**

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**FACILITY DESCRIPTION**

This facility consists of a 200 ton per hour (TPH) Cedarapids, Inc. Model 3054 Crusher, a 200 TPH Bohringer Inc., Model RC14 secondary impact crusher and associated equipment (feeder, screens, and conveyors) and a 545 kilowatt (KW) Caterpillar Model 3412 diesel powered generator. Fugitive particulate matter emissions throughout the crushing unit are controlled by a water suppression system with spray bars located at the various emissions points throughout the plant. Emissions from the diesel engine powered generator are uncontrolled.

**REGULATORY CLASSIFICATION**

The crusher portion of this facility is subject to regulation under 40 CFR 60, Subpart OOO, Standards of Performance for Nonmetallic Mineral Processing Plants. The generator portion of the facility is regulated under 62-210.300, Permits Required, however there are no unit specific regulatory requirements that apply.

**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 received (Bureau of Air Regulation) November 2, 1998
- Draft Permit issued January 20, 1999
- Public Notice of Intent published January 29, 1999 in the Orlando Sentinel
- Public Notice of Intent published February 8, 1999 in the Tampa Tribune
- Draft Permit comments received from Gary Robbins, Pinellas County February 10, 1999

**PERMITTED COUNTIES**

The applicant has published the proper public notices and is authorized to operate in the following counties: Orange, Seminole, Brevard, Citrus, Sumter, Hernando, Pasco, Pinellas, Hillsborough, Polk, Manatee, Sarasota, DeSoto, Hardee, Highlands.

**OPERATING LOCATION**

The facility will begin initial operation at Central Control Road at the Air Force Demolition and Debris Landfill Site, Cape Canaveral, Brevard County. The UTM coordinates of this location are Zone 17 ; 759.9 km E ; 3152.6 km N. Latitude 28° 35' 77"/Longitude 80° 42' 27".

**SECTION II. FACILITY-WIDE SPECIFIC CONDITIONS**

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The following specific conditions apply to all emissions units at this facility.

**ADMINISTRATIVE**

1. **Regulating Agencies:** All documents relating to the initial application for a permit to operate and all initial compliance tests shall be submitted to the Department's Bureau of Air Regulation in Tallahassee. Subsequent applications for permit renewals, reports, tests, minor modifications, and notifications shall be submitted to the district office or local program that has permitting/compliance jurisdiction over the current or proposed operating location.
2. **General Conditions:** The owner and operator are 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.]**
3. **Terminology:** The terms used in this permit have specific meanings as defined in the corresponding chapters of the Florida Administrative Code.
4. **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.]**
5. **Extension of Expiration Date:** This air construction permit shall expire on September 15, 1999. The permittee may, for good cause, request that this construction permit be extended. Such a request shall be submitted to the Department's Bureau of Air Regulation prior to 60 days before the expiration of the permit.  
**[Rules 62-210.300(1), 62-4.070(4) and 62-4.210, F.A.C.]**
6. **Relocation Notification:** At least 7 days prior to relocating the plant to an approved county where public notice was published within the last 5 years, the permittee shall notify the air program administrator for the Department's district office and/or, if applicable, appropriate local program. The notification shall be submitted using DEP Form 62-210.900(3), F.A.C., along with the appropriate processing fee. All potential operation sites shall be shown on a USGS topographic map. A county license, a discretionary public notice, or additional restrictions for the operation at a specific site may be imposed by the district office or local program. If the public notice for a proposed county is more than 5 years old, or if the proposed county was never covered by a public notice, this form shall be submitted at least 30 days in advance of the move and a public notice shall be published prior to operating in the proposed county. Each time that the permittee submits a Notice to Relocate, the operation permit shall be revised to reflect the new location.  
**[Rule 62-210.370(1), F.A.C.]**
7. **Operation Permit Required:** This permit authorizes construction and/or installation of the permitted emissions unit and initial operation to determine compliance with Department rules. An operation permit is required for regular operation of the permitted emissions unit. The owner or operator shall apply for and receive an operation permit prior to expiration of this permit. To apply for an operation permit, the applicant shall submit the appropriate application fee and, in quadruplicate, the appropriate application form, a certification that construction was completed with a notation of any deviations from the conditions in the construction permit, compliance test results, and such additional information as the Department may by law require.  
**[F.A.C. Rules 62-4.030, 62-4.050, 62-4.220 and 62-210.300(2)]**



**SECTION II. FACILITY-WIDE SPECIFIC CONDITIONS**

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8. Applicable Regulations: Unless otherwise indicated 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 Florida Administrative Code Chapters 62-4, 62-110, 62-204, 62-296, 62-297 and the Code of Federal Regulations Title 40, Part 60, adopted by reference in the Florida Administrative Code (F.A.C.) regulations. Issuance of this permit does not relieve the facility owner or operator from compliance with any applicable federal, state, or local permitting or regulations.  
**[Rules 62-204.800 and 62-210.300, F.A.C.]**

**EMISSION LIMITING STANDARDS**

9. General Visible Emissions Standard: Except for emissions units that are subject to a particulate matter or opacity limit set forth or established by rule and reflected by conditions elsewhere in this 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). If a special compliance test is required (see specific condition 21), the test method for visible emissions shall be EPA Method 9, incorporated and adopted by reference in Chapter 62-297, F.A.C.

**[Rule 62-296.320(4)(b)1, F.A.C.]**

10. Unconfined Emissions of Particulate Matter:

- (a) No person shall cause, let, permit, suffer or allow the emissions of unconfined particulate matter from any activity, including 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 emissions.
- (b) 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.
- (c) Reasonable precautions committed to by the permittee:
  - Emissions that might be generated from various emission points throughout the crushing unit are controlled by a water suppression system with spray bars located at the various emissions points located throughout the plant.
  - All stockpiles and roadways where this crushing unit is located are watered on a regular basis by water truck equipped with spray bars, to control any fugitive emissions that may be generated by vehicular traffic or prevailing winds.
- (d) 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.

**[Rule 62-296.320(4)(c), F.A.C. and Permit Application received 11/2/98.]**

**SECTION II. FACILITY-WIDE SPECIFIC CONDITIONS**

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11. General Pollutant Emission Limiting Standards:

- (a) No person shall 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 deemed necessary and ordered by the Department.
- (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 in Rule 62-210.200(198), F.A.C., 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.]

[Rule 62-296.320(1)(a)&(2), F.A.C.]

**OPERATIONAL REQUIREMENTS**

- 12. Modifications: No emissions unit or facility subject to this rule shall be constructed or modified without obtaining an air construction permit from the Department. Such permit must be obtained prior to the beginning of construction or modification.  
[Rules 62-210.300(1) and 62-212.300(1)(a), F.A.C.]
- 13. Plant Operation - Problems: If temporarily unable to comply with any of the conditions of the permit due to breakdown of equipment or destruction by hazard of fire, wind or by other cause, the permittee shall immediately notify the Department's district office and, if applicable, appropriate local program. The notification shall include pertinent information as to the cause of the problem, and what steps are being taken to correct the problem and to prevent its 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 Department rules.  
[Rule 62-4.130, F.A.C.]
- 14. Circumvention: No person shall circumvent any air pollution control device or allow the emission of air pollutants without the applicable air pollution control device operating properly.  
[Rule 62-210.650, F.A.C.]
- 15. Hours of Operation: This facility is allowed to operate up to 3,120 hours during any calendar year.  
[Rule 62-210.200, F.A.C., Definitions-potential to emit (PTE) and applicant request.]
- 16. Excess Emissions: The following excess emissions provisions can not be used to vary any NSPS requirements (from any subpart of 40 CFR 60).
  - (a) Excess emissions resulting from start-up, shutdown or malfunction of any emissions 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 Department for longer duration.  
[Rule 62-210.700(1), F.A.C.]
  - (b) Excess emissions which are caused entirely or in part by poor maintenance, poor operation, or any other equipment or process failure which may reasonably be prevented during start-up, shutdown, or malfunction shall be prohibited.  
[Rule 62-210.700(4), F.A.C.]

**SECTION II. FACILITY-WIDE SPECIFIC CONDITIONS**

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**COMPLIANCE MONITORING AND TESTING REQUIREMENTS**

17. Operating Rate During Testing: Unless otherwise stated in the applicable emission limiting standard rule, testing of emissions shall be conducted with the emissions unit operating at permitted capacity. Permitted capacity is defined as 90 to 100 percent of the maximum operation rate allowed by the permit. If it is impractical to test at permitted capacity, an emissions unit may be tested at less than the minimum permitted capacity (i.e., at less than 90 percent of the maximum operation rate allowed by the permit); in this case, subsequent emissions unit operation is limited to 110 percent of the test load until a new test is conducted provided however, operations do not exceed 100 percent of the maximum operation rate allowed by the permit. 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), F.A.C.]
18. Test Procedures shall meet all applicable requirements of Rule 62-297.310(4), F.A.C.  
[Rule 62-297.310(4), F.A.C.]
19. Determination of Process Variables:
- (a) Required Equipment. The owner or operator of an emissions unit for which compliance tests are required shall install, operate, and maintain equipment or instruments necessary to determine process variables, such as process weight input or heat input, when such data are needed in conjunction with emissions data to determine the compliance of the emissions unit with applicable emission limiting standards.
  - (b) Accuracy of Equipment. Equipment or instruments used to directly or indirectly determine process variables, including devices such as belt scales, weight 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.]
20. Test Notification: The owner or operator shall notify the Department's district office and, if applicable, appropriate local program, at least 30 days prior to the date on which each formal compliance test is to begin. Notification shall include the date, time, and place of each such test, and the test contact person who will be responsible for coordinating and having such test conducted for the owner or operator.  
[Rule 62-297.310(7)(a)9., F.A.C., 40 CFR 60.8]  
[Note: The federal requirements of 40 CFR 60.8 require 30 days notice of the initial test and any tests required under section 114 of the Clean Air Act.]
21. 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 a Department rule or in a permit issued pursuant to those rules is being violated, it shall 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 Department.  
[Rule 62-297.310(7)(b), F.A.C.]

**SECTION II. FACILITY-WIDE SPECIFIC CONDITIONS**

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**REPORTING AND RECORD KEEPING REQUIREMENTS**

22. Duration of Record Keeping: 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. 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 for this permit. These records shall be retained at least three years from the date of the sample, measurement, report, or application unless otherwise specified by Department rule.  
[Rule 62-4.160(14)(a)&(b), F.A.C.]
23. Test Reports: The owner or operator of an emissions unit for which a compliance test is required shall file a report with the Department on the results of each such test. The required test report shall be filed with the Department as soon as practical but no later than 45 days after the last sampling run of each test is completed. The test report shall provide sufficient detail on the emissions unit tested and the test procedures used to allow the Department to determine if the test was properly conducted and the test results properly computed. As a minimum, the test report, other than for an EPA or DEP Method 9 test, shall provide the applicable information listed in Rule 62-297.310(8)(c), F.A.C.  
[Rule 62-297.310(8), F.A.C.]
24. Excess Emissions Report: If excess emissions occur, the owner or operator shall notify the Department within one 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. Pursuant to the Standards of Performance for New Stationary Sources, excess emissions shall also be reported in accordance with 40 CFR 60.7, Subpart A.  
[Rule 62-4.130, F.A.C.]
25. Excess Emissions Report - Malfunctions: In case of excess emissions resulting from malfunctions, each owner or operator shall notify the Department or the appropriate local program in accordance with Rule 62-4.130, F.A.C. A full written report on the malfunctions shall be submitted in a quarterly report if requested by the Department.  
[Rule 62-210.700(6), F.A.C.]
26. Annual Operating Report for Air Pollutant Emitting Facility: The Annual Operating Report for Air Pollutant Emitting Facility (DEP Form 62-210.900(5)) shall be completed each year for facilities with the potential to emit ten (10) tons per year or more of volatile organic compounds or twenty-five (25) pounds per year or more of nitrogen oxides and located in an ozone nonattainment area or ozone air quality maintenance area. Therefore, the form Annual Operating Report for Air Pollutant Emitting Facility (DEP Form No. 62-210.900(5)) shall be completed for each year that the facility exceeds 2,700 hours of operation in any one of the following counties: Broward, Dade, Duval, Hillsborough, Orange, Palm Beach, or Pinellas. The form shall be submitted to the Department's district office or local program which has permitting/compliance jurisdiction over the facility, by March 1 of the following year.  
[Rule 62-210.370(3)(a), F.A.C.]

**SECTION III. EMISSIONS UNITS SPECIFIC CONDITIONS**

The following specific conditions apply to the following emissions units after construction:

EMISSIONS UNIT NO.	EMISSIONS UNIT DESCRIPTION
001	This unit consists of a 200 TPH Cedarapids, Inc. Model 3054 Crusher, a 200 TPH Bohringer, Inc. Model RC14 secondary impact crusher and associated equipment (feeder, screens, and conveyors).
002	545 KW Caterpillar Model 3412 diesel powered generator.

NOTE: Emissions unit 001 is subject to 40 CFR 60, Subpart OOO, Standards of Performance for Nonmetallic Mineral Processing Plants (40 CFR 60.670 - 60.676) and 40 CFR 60 Subpart A, revised as of July 1, 1997.

**OPERATIONAL REQUIREMENTS**

- Hours of Operation: These emissions units are allowed to operate up to 3,120 hours during any calendar year.  
[Rule 62-210.200, F.A.C., Definitions-potential to emit (PTE) and applicant request]
- Permitted Capacity: The crusher may process up to 200 TPH (monthly average) and 624,000 TPY of material (total).  
[Rule 62-210.200, F.A.C., Definitions-potential to emit (PTE) and applicant request]
- Operation and Maintenance (O&M): The permittee shall keep an O&M plan for the air pollution control equipment with the facility. The O&M log shall include the list of the parameters being monitored, the frequency of the check/maintenance, observations, and comments.  
[Rule 62-4.070(3), F.A.C.]

**EMISSION LIMITATIONS AND PERFORMANCE STANDARDS**

- Visible Emissions: The emission points described in unit 001 are subject to the visible emission limits of 40 CFR 60 Subpart OOO, as outlined below in Table 1.

*Table 1: Process Emission Source Visible Emission Limits*

Emission Source	VE Limit (% Opacity)
Receiving Hopper/Grizzly Feeder	10
Crusher	15*
Portable Belt Conveyor(s)	10**
Screen(s)	15
Truck Loading/Unloading	<20

\* This limit applies since no capture system is used.

\*\* This limit applies to transfer points onto conveyor belts only.

[40 CFR 60.672 and Rule 62-296.711, F.A.C.]

**SECTION III. EMISSIONS UNITS SPECIFIC CONDITIONS**

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5. No Visible Emissions - Saturated Materials: No owner or operator shall cause to be discharged into the atmosphere any visible emissions from:
- (a) Wet screening operations and subsequent screening operations, bucket elevators, and belt conveyors that process saturated material in the production line up to the next crusher, grinding mill or storage bin.
  - (b) Screening operations, bucket elevators, and belt conveyors in the production line downstream of wet mining operations, where such screening operations, bucket elevators, and belt conveyors process saturated materials up to the first crusher, grinding mill, or storage bin in the production line.

**[40 CFR 60.672 (h)(1)&(2)]**

**COMPLIANCE MONITORING AND TESTING REQUIREMENTS**

6. Test Frequency: The owner or operator of the facility shall conduct visible emissions tests annually, in accordance with the conditions listed below.  
**[Rule 62-297.310(7)(a)4.a. F.A.C.]**
7. Visible Emissions Test Duration - Truck Loading/Unloading: For the truck loading/unloading operation, compliance with the visible emissions limitation shall be determined using EPA Method 9 as contained in Rule 62-297.401, F.A.C. The visible emissions test shall be conducted by a certified observer and be a minimum of: 12 minutes in duration (or 3 batches) during truck loading. The visible emissions test observation period shall include the period during which the highest opacity emissions can reasonably be expected to occur. The minimum requirements for stationary point source emission test procedures shall be in accordance with Rule 62-297, F.A.C., and 40 CFR 60, Appendix A.  
**[Rule 62-210.200, F.A.C.]**
8. Visible Emissions Test Method: In determining compliance with the particulate matter standards in 40 CFR 60.672 (b) and (c) (see specific condition 4), the owner or operator shall use Method 9 and the procedures in 40 CFR 60.11, with the following additions:
- (a) The minimum distance between the observer and the emissions source shall be 4.57 meters (15 feet).
  - (b) The observer shall, when possible, select a position that minimizes interference from other fugitive emissions units (e.g., road dust). The required observer position relative to the sun (Method 9, Section 2.1) must be followed.
  - (c) For affected emissions units using wet dust suppression for particulate matter control, a visible mist is sometimes generated by the spray. The water mist must not be confused with particulate matter emissions and is not to be considered a visible emission. When a water mist of this nature is present, the observation of emissions is to be made at a point in the plume where the mist is no longer visible.

**[40 CFR 60.675(c)(1)(i), (ii) & (iii)]**

**SECTION III. EMISSIONS UNITS SPECIFIC CONDITIONS**

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9. When determining compliance with the fugitive emissions standard for any affected facility described under Section 60.672(b) of this subpart (see specific condition 4), the duration of the Method 9 observations may be reduced from 3 hours (thirty 6-minute averages) to 1 hour (ten 6-minute averages) only if the following conditions apply:
- (a) There are no individual readings greater than 10 percent opacity; and
  - (b) There are no more than 3 readings of 10 percent for the 1-hour period.
- [40 CFR 60.675(c)(3)(i) & (ii)]
10. When determining compliance with the fugitive emissions standard for any crusher at which a capture system is not used as described under Section 60.672(c) of this subpart, the duration of the Method 9 observations may be reduced from 3 hours (thirty 6-minute averages) to 1 hour (ten 6-minute averages) only if the following conditions apply:
- (a) There are no individual readings greater than 15 percent opacity; and
  - (b) There are no more than 3 readings of 15 percent for the 1-hour period.
- [40 CFR 60.675(c)(4)(i) & (ii)]
11. Visible Emissions Test - Emissions Interference: For the method and procedure of 40 CFR 60.675(c) [specific condition 12 of Section III of this permit, above], if emissions from two or more emissions units continuously interfere so that the opacity of fugitive emissions from an individual affected emissions unit cannot be read, either of the following procedures may be used:
- (a) Use for the combined emission stream the highest fugitive opacity standard applicable to any of the individual affected emissions units contributing to the emissions stream
  - (b) Separate the emissions so that the opacity of emissions from each affected emissions unit can be read.
- [40 CFR 60.675(e)(1)(i)&(ii)]
12. No Tests Required - Saturated Materials: Method 9 performance tests under Sec. 60.11 of this part and Sec. 60.675 of this subpart are not required for:
- (a) Wet screening operations and subsequent screening operations, bucket elevators, and belt conveyors that process saturated material in the production line up to, but not including the next crusher, grinding mill or storage bin.
  - (b) Screening operations, bucket elevators, and belt conveyors in the production line downstream of wet mining operations, that process saturated materials up to the first crusher, grinding mill, or storage bin in the production line.
- [40 CFR 60.675(h)(1)&(2)]

**REPORTING AND RECORD KEEPING REQUIREMENTS**

13. Log: The permittee shall maintain a log showing the annual hours of operation per year and fuel consumption. Operators shall keep a log to include, at a minimum, the following information:
- (a) The daily location and production rate.
  - (b) The daily hours of operation of the crusher system.
  - (c) Daily diesel fuel usage.
  - (d) Maintenance and repair logs for any work performed on the permitted emissions units.
  - (e) Daily logs regarding the use of wetting agents to control fugitive dust.

This data shall be made available to the Department or county upon request.

[Rule 62-4.070(3), F.A.C. ]

**SECTION III. EMISSIONS UNITS SPECIFIC CONDITIONS**

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14. Test Reports: The owner or operator shall submit written reports of the results of all performance tests conducted to demonstrate compliance with the standards set forth in 40 CFR 60.672, including reports of opacity observations made using Method 9 to demonstrate compliance with 40 CFR 60.672(b) and 40 CFR 60.672(c).
- (b) The required test report shall be filed with the Department as soon as practical but no later than 45 days after the last sampling run of each test is completed.
  - (c) The test report shall provide sufficient detail on the emissions unit tested and the test procedures used to allow the Department to determine if the test was properly conducted and the test results properly computed. As a minimum, the test report, other than for an EPA Method 9 test, shall provide the following information:
    - 1. The type, location, and designation of the emissions unit tested.
    - 2. The facility at which the emissions unit is located.
    - 3. The owner or operator of the emissions unit.
    - 4. The normal type and amount of fuels used and materials processed, and the types and amounts of fuels used and material processed during each test run.
    - 5. The method, raw data and computations used to determine the amount of fuels used and materials processed, if necessary to determine compliance with an applicable emission limiting standard.
    - 6. The type of air pollution control devices installed on the emissions unit, its general condition, their normal operating parameters (pressure drops, total operating current and GPM scrubber water), and their operating parameters during each test run.
- [40 CFR 60.676(f), Rule 62-297.310(8)(b)&(c)1. - 6., F.A.C.]**
15. Change From Saturated to Unsaturated Material: The owner or operator of any screening operation, bucket elevator, or belt conveyor that processes saturated material and is subject to Sec. 60.672(h) and subsequently processes unsaturated materials, shall submit a report of this change within 30 days following such change. This screening operation, bucket elevator, or belt conveyor is then subject to the 10 percent opacity limit in Sec. 60.672(b) and the emission test requirements of Sec. 60.11 and this subpart. Likewise a screening operation, bucket elevator, or belt conveyor that processes unsaturated material but subsequently processes saturated material shall submit a report of this change within 30 days following such change. This screening operation, bucket elevator, or belt conveyor is then subject to the no visible emission limit in Sec. 60.672(h).
- [40 CFR 60.676(g)]**
16. Records Retention: 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. (See also, specific condition 24, Section II of this permit.)
- [Rule 62-4.160(14)(a)&(b), F.A.C.]**



**SECTION III. EMISSIONS UNITS SPECIFIC CONDITIONS**

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**NSPS GENERAL PROVISIONS**

[Note: The numbering of the original rules in the following conditions has been preserved for ease of reference.]

**17. Pursuant to 40 CFR 60.7 Notification And Record Keeping:**

- (a) Any owner or operator subject to the provisions of 40 CFR 60 shall furnish the Administrator written notification as follows:
- (4) A 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 Administrator may request additional relevant information subsequent to this notice.
- (b) The owner or operator subject to the provisions of 40 CFR 60 shall maintain records of the occurrence and duration of any startup, shutdown, or malfunction in the operation of an affected facility; any malfunction of the air pollution control equipment; or any periods during which a continuous monitoring system or monitoring device is inoperative.
- (f) The owner or operator subject to the provisions of 40 CFR 60 shall maintain a file of all measurements, including continuous monitoring system, monitoring device, and performance testing measurements; all continuous monitoring system performance evaluations; all continuous monitoring system or monitoring device calibration checks; adjustments and maintenance performed on these systems or devices; and all other information required by 40 CFR 60 recorded in a permanent form suitable for inspection. The file shall be retained for at least three years following the date of such measurements, maintenance, reports, and records.

**[40 CFR 60.7]**

**18. Pursuant to 40 CFR 60.8 Performance Tests:**

- (a) Within 60 days after achieving the maximum production rate at which the affected facility will be operated, but not later than 180 days after initial startup of such facility and at such other times as may be required by the Administrator under section 114 of the Act, the owner or operator of such facility shall conduct performance test(s) and furnish the Administrator a written report of the results of such performance test(s).
- (b) Performance tests shall be conducted and data reduced in accordance with the test methods and procedures contained in each applicable subpart unless the Administrator (1) specifies or approves, in specific cases, the use of a reference method with minor changes in methodology, (2) approves the use of an equivalent method, (3) approves the use of an alternative method the results of which he has determined to be adequate for indicating whether a specific source is in compliance, (4) waives the requirement for performance tests because the owner or operator of a source has demonstrated by other means to the Administrator's satisfaction that the affected facility is in compliance with the standard, or (5) approves shorter sampling times and smaller sample volumes when necessitated by process variables or other factors. Nothing in this paragraph shall be construed to abrogate the Administrator's authority to require testing under section 114 of the Act.

**SECTION III. EMISSIONS UNITS SPECIFIC CONDITIONS**

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- (c) Performance tests shall be conducted under such conditions as the Administrator shall specify to the plant operator based on representative performance of the affected facility. The owner or operator shall make available to the Administrator such records as may be necessary to determine the conditions of the performance tests. Operations during periods of startup, shutdown, and malfunction shall not constitute representative conditions for the purpose of a performance test nor shall emissions in excess of the level of the applicable emission limit during periods of startup, shutdown, and malfunction be considered a violation of the applicable emission limit unless otherwise specified in the applicable standard.
- (d) The owner or operator of an affected facility shall provide the Administrator at least 30 days prior notice of any performance test, except as specified under other subparts, to afford the Administrator the opportunity to have an observer present.

**[40 CFR 60.8]**

**19. Pursuant to 40 CFR 60.11 Compliance With Standards And Maintenance Requirements:**

- (a) Compliance with standards in 40 CFR 60, other than opacity standards, shall be determined only by performance tests established by 40 CFR 60.8, unless otherwise specified in the applicable standard.
- (b) Compliance with opacity standards in 40 CFR 60.11 shall be determined by conducting observations in accordance with Reference Method 9 in appendix A of 40 CFR 60.11, any alternative method that is approved by the Administrator, or as provided in 40 CFR 60.11(e)(5). [Under certain conditions (40 CFR 60.675(c)(3)&(4)), Method 9 observation time may be reduced from 3 hours to 1 hour. Some affected facilities are exempted from Method 9 tests (40 CFR 60.675 (h)). See specific conditions 8 and 9, Section III, above for test duration requirements.]
- (c) The opacity standards set forth in 40 CFR 60.11 shall apply at all times except during periods of startup, shutdown, malfunction, and as otherwise provided in the applicable standard.
- (d) At all times, including periods of startup, shutdown, and malfunction, owners and operators shall, to the extent practicable, maintain and operate any affected facility including associated air pollution control equipment in a manner consistent with good air pollution control practice for minimizing emissions. Determination of whether acceptable operating and maintenance procedures are being used will be based on information available to the Administrator which may include, but is not limited to, monitoring results, opacity observations, review of operating and maintenance procedures, and inspection of the source.
- (g) For the purpose of submitting compliance certifications or establishing whether or not a person has violated or is in violation of any standard in this part, nothing in this part shall preclude the use, including the exclusive use, of any credible evidence or information, relevant to whether a source would have been in compliance with applicable requirements if the appropriate performance or compliance test or procedure had been performed.

**[40 CFR 60.11]**

**SECTION III. EMISSIONS UNITS SPECIFIC CONDITIONS**

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**20. Pursuant to 40 CFR 60.12 Circumvention:**

No owner or operator subject to the provisions of 40 CFR 60.12 shall build, erect, install, or use any article, machine, equipment or process, the use of which conceals an emission which would otherwise constitute a violation of an applicable standard. Such concealment includes, but is not limited to, the use of gaseous diluents to achieve compliance with an opacity standard or with a standard which is based on the concentration of a pollutant in the gases discharged to the atmosphere.

**[40 CFR 60.12]**

**21. Pursuant to 40 CFR 60.19 General notification and reporting requirements:**

- (a) For the purposes of this part, time periods specified in days shall be measured in calendar days, even if the word "calendar" is absent, unless otherwise specified in an applicable requirement.
- (b) For the purposes of this part, if an explicit postmark deadline is not specified in an applicable requirement for the submittal of a notification, application, report, or other written communication to the Administrator, the owner or operator shall postmark the submittal on or before the number of days specified in the applicable requirement. For example, if a notification must be submitted 15 days before a particular event is scheduled to take place, the notification shall be postmarked on or before 15 days preceding the event; likewise, if a notification must be submitted 15 days after a particular event takes place, the notification shall be delivered or postmarked on or before 15 days following the end of the event. The use of reliable non-Government mail carriers that provide indications of verifiable delivery of information required to be submitted to the Administrator, similar to the postmark provided by the U.S. Postal Service, or alternative means of delivery agreed to by the permitting authority, is acceptable.
- (c) Notwithstanding time periods or postmark deadlines specified in this part for the submittal of information to the Administrator by an owner or operator, or the review of such information by the Administrator, such time periods or deadlines may be changed by mutual agreement between the owner or operator and the Administrator. Procedures governing the implementation of this provision are specified in paragraph (f) of this section.
- (d) If an owner or operator of an affected facility in a State with delegated authority is required to submit periodic reports under this part to the State, and if the State has an established timeline for the submission of periodic reports that is consistent with the reporting frequency(ies) specified for such facility under this part, the owner or operator may change the dates by which periodic reports under this part shall be submitted (without changing the frequency of reporting) to be consistent with the State's schedule by mutual agreement between the owner or operator and the State. The allowance in the previous sentence applies in each State beginning 1 year after the affected facility is required to be in compliance with the applicable subpart in this part. Procedures governing the implementation of this provision are specified in paragraph (f) of this section.
- (f)(1)(i) Until an adjustment of a time period or postmark deadline has been approved by the Administrator under paragraphs (f)(2) and (f)(3) of this section, the owner or operator of an affected facility remains strictly subject to the requirements of this part.
- (ii) An owner or operator shall request the adjustment provided for in paragraphs (f)(2) and (f)(3) of this section each time he or she wishes to change an applicable time period or postmark deadline specified in this part.

**SECTION III. EMISSIONS UNITS SPECIFIC CONDITIONS**

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- (2) Notwithstanding time periods or postmark deadlines specified in this part for the submittal of information to the Administrator by an owner or operator, or the review of such information by the Administrator, such time periods or deadlines may be changed by mutual agreement between the owner or operator and the Administrator. An owner or operator who wishes to request a change in a time period or postmark deadline for a particular requirement shall request the adjustment in writing as soon as practicable before the subject activity is required to take place. The owner or operator shall include in the request whatever information he or she considers useful to convince the Administrator that an adjustment is warranted.
- (3) If, in the Administrator's judgment, an owner or operator's request for an adjustment to a particular time period or postmark deadline is warranted, the Administrator will approve the adjustment. The Administrator will notify the owner or operator in writing of approval or disapproval of the request for an adjustment within 15 calendar days of receiving sufficient information to evaluate the request.
- (4) If the Administrator is unable to meet a specified deadline, he or she will notify the owner or operator of any significant delay and inform the owner or operator of the amended schedule.

[40 CFR 60.19]

**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 any 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 (X).
- 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.