

RECEIVED

NOV 02 1998

BUREAU OF
AIR REGULATION

Angelo's Recycled Materials, Inc.

*Cedarapids/Bohringer Inc. - Portable
Reclaimed Aggregate Processing Plant No.3*

*FDEP "After-the-Fact" Construction Permit
Application*

October - 1998



Department of Environmental Protection

DIVISION OF AIR RESOURCES MANAGEMENT

APPLICATION FOR AIR PERMIT - LONG FORM

See Instructions for Form No. 62-210.900(1)

I. APPLICATION INFORMATION

This section of the Application for Air Permit form identifies the facility and provides general information on the scope and purpose of this application. This section also includes information on the owner or authorized representative of the facility (or the responsible official in the case of a Title V source) and the necessary statements for the applicant and professional engineer, where required, to sign and date for formal submittal of the Application for Air Permit to the Department. If the application form is submitted to the Department using ELSA, this section of the Application for Air Permit must also be submitted in hard-copy.

Identification of Facility Addressed in This Application


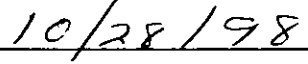
Enter the name of the corporation, business, governmental entity, or individual that has ownership or control of the facility; the facility site name, if any; and the facility's physical location. If known, also enter the facility identification number.

1. Facility Owner/Company Name: <i>Angelo's Recycled Materials, Inc.</i>	
2. Site Name: <i>Angelo's Recycled Materials, Inc. - Plant No.3</i>	
3. Facility Identification Number: <input checked="" type="checkbox"/> Unknown	
4. Facility Location: Cape Canaveral Street Address or Other Locator: Central Control Road @ Air Force Demolition & Debris Landfill Site City: Cape Canaveral County: Brevard Zip Code:	
5. Relocatable Facility? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	6. Existing Permitted Facility? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Application Processing Information (DEP Use)

1. Date of Receipt of Application:	
2. Permit Number:	
3. PSD Number (if applicable):	
4. Siting Number (if applicable):	

Owner/Authorized Representative or Responsible Official

1. Name and Title of Owner/Authorized Representative or Responsible Official: Mr. Bob Coble, General Manager
2. Owner/Authorized Representative or Responsible Official Mailing Address: Organization/Firm: Angelo's Recycled Materials, Inc. Street Address: P.O. Box 1493 City: Largo State: Florida Zip Code: 33779-1493
3. Owner/Authorized Representative or Responsible Official Telephone Numbers: Telephone: (727) 581-1544 Fax: (727) 586-5676
4. Owner/Authorized Representative or Responsible Official Statement: <i>I, the undersigned, am the owner or authorized representative* of the non-Title V source addressed in this Application for Air Permit or the responsible official, as defined in Rule 62-210.200, F.A.C., of the Title V source addressed in this application, whichever is applicable. I hereby certify, based on information and belief formed after reasonable inquiry, that the statements made in this application are true, accurate and complete and that, to the best of my knowledge, any estimates of emissions reported in this application are based upon reasonable techniques for calculating emissions. The air pollutant emissions units and air pollution control equipment described in this application will be operated and maintained so as to comply with all applicable standards for control of air pollutant emissions found in the statutes of the State of Florida and rules of the Department of Environmental Protection and revisions thereof. I understand that a permit, if granted by the Department, cannot be transferred without authorization from the Department, and I will promptly notify the Department upon sale or legal transfer of any permitted emissions unit.</i>  _____ Signature  _____ Date

* Attach letter of authorization if not currently on file.

Scope of Application

This Application for Air Permit addresses the following emissions unit(s) at the facility. An Emissions Unit Information Section (a Section III of the form) must be included for each emissions unit listed.

Emissions Unit ID	Description of Emissions Unit	Permit Type
001	Cedarapids Inc., Model 3054 Jaw (Primary) Crushing Unit, utilized to crush reclaimed concrete or asphalt to desired sizes.	AF2A
002	Bohringer Inc., Model RC14 Impact (Secondary) Crushing Unit, utilized to further process aggregate that was uncrushed by the primary crushing unit.	
003	Cedarapids Inc. - Triple Deck Screener (7 x 20') utilized to screen crushed aggregate and separate and to send uncrushed, oversize rock or asphalt to impact (secondary) crusher for reprocessing.	
004	Feed Conveyor (4 x 30') mounted in feeder hopper used to primary crushed aggregate to screening conveyor through magnet system.	
005	Screening Conveyor (4 x 50') utilized to transfer primary crushed aggregate to triple deck screener.	
006	Oversize Belt (4 x 60') utilized to transfer oversized primary crushed aggregate that would not pass through triple deck screener to impact (secondary) crusher.	
007	Material Conveyor (4 x 65') utilized to transfer secondary crushed aggregates from impact crusher back to triple deck screening device.	
008	Portable Radial Stacking Belt (4 x 90') utilized to transfer finished product to stockpiles or trucks.	
009	Portable Radial Stacking Belt (4 x 80') utilized to transfer finished product to stockpiles or trucks.	
010	Portable Radial Stacking Belt (4 x 60') utilized to transfer finished product to stockpiles or trucks.	
011	Caterpillar 3412 - 545 kW Generator Set used to supply power to the crushing plant, fired on No. 2 Diesel Fuel, with < 0.50% sulfur by weight.	
012	Fugitive Emissions from Unpaved / Paved Haul Roads.	
013	Fugitive emissions from stockpiles and conveyor drops to stockpiles from conveyor belts	
014	Cedarapids, Inc. - Vibrating Grizzly Feeder / Receiving Hopper, used to vibrate material dumped into hopper by loader to jaw (primary) crushing unit.	

Purpose of Application and Category

Check one (except as otherwise indicated):

Category I: All Air Operation Permit Applications Subject to Processing Under Chapter 62-213, F.A.C.

This Application for Air Permit is submitted to obtain:

- Initial air operation permit under Chapter 62-213, F.A.C., for an existing facility which is classified as a Title V source.
- Initial air operation permit under Chapter 62-213, F.A.C., for a facility which, upon start up of one or more newly constructed or modified emissions units addressed in this application, would become classified as a Title V source.

Current construction permit number: _____

- Air operation permit renewal under Chapter 62-213, F.A.C., for a Title V source.

Operation permit to be renewed: _____

- Air operation permit revision for a Title V source to address one or more newly constructed or modified emissions units addressed in this application.

Current construction permit number: _____

Operation permit to be revised: _____

- Air operation permit revision or administrative correction for a Title V source to address one or more proposed new or modified emissions units and to be processed concurrently with the air construction permit application. Also check Category III.

Operation permit to be revised/corrected: _____

- Air operation permit revision for a Title V source for reasons other than construction or modification of an emissions unit. Give reason for the revision; e.g., to comply with a new applicable requirement or to request approval of an "Early Reductions" proposal.

Operation permit to be revised: _____

Reason for revision: _____

Category II: All Air Operation Permit Applications Subject to Processing Under Rule 62-210.300(2)(b), F.A.C.

This Application for Air Permit is submitted to obtain:

- Initial air operation permit under Rule 62-210.300(2)(b), F.A.C., for an existing facility seeking classification as a synthetic non-Title V source.

Current operation/construction permit number(s): _____

- Renewal air operation permit under Rule 62-210.300(2)(b), F.A.C., for a synthetic non-Title V source.

Operation permit to be renewed: _____

- Air operation permit revision for a synthetic non-Title V source. Give reason for revision; e.g., to address one or more newly constructed or modified emissions units.

Operation permit to be revised: _____

Reason for revision: _____

Category III: All Air Construction Permit Applications for All Facilities and Emissions Units

This Application for Air Permit is submitted to obtain:

- Air construction permit to construct or modify one or more emissions units within a facility (including any facility classified as a Title V source).

Current operation permit number(s), if any:

- Air construction permit to make federally enforceable an assumed restriction on the potential emissions of one or more existing, permitted emissions units.

Current operation permit number(s): _____

- Air construction permit for one or more existing, but unpermitted, emissions units.

Application Processing Fee

Check one:

[X] Attached - Amount: \$ 2250.00^{eeh} [] Not Applicable.
***~~2000.00~~
(\$2000.00 for generator-set and \$1000.00 for crushing plant)
Construction/Modification Information 250.00^{eeh}

1. Description of Proposed Project or Alterations:

This project will consist of a state-wide “after-the-fact” construction permit for a portable Cedarapids, Inc., Concrete and Reclaimed Asphalt – Aggregate Processing Unit owned and operated by Angelo’s Recycled Materials, Inc. Any emissions that might be generated by various emission points throughout the crushing unit are controlled by a Self-made Water Suppression System w/ spray bars located at all the various emissions 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.

This facility will comply with all applicable Florida Department of Environmental Protection (FDEP) air pollution rules and regulations.

In addition, Angelo’s Recycled Materials has published notification of similar crusher in newspapers throughout the state. This legal advertisement is to be found in the Supplemental Section V of this permit application.

2. Projected or Actual Date of Commencement of Construction:

ASAP

3. Projected Date of Completion of Construction:

After the Fact

Professional Engineer Certification

1. Professional Engineer Name: **George C. Sinn, Jr., P.E.**
Registration Number: **16911**

2. Professional Engineer Mailing Address:

Organization/Firm: : **Central Florida Testing Laboratories, Inc.**
Street Address: **12625 - 40th Street North**
City: **Clearwater** State: **Florida** Zip Code: **33762**

3. Professional Engineer Telephone Numbers:

Telephone: **(727) 572-9797** Fax: **(727) 299-0023**

4. Professional Engineer Statement:

I, the undersigned, hereby certify, except as particularly noted herein, that:*


(1) To the best of my knowledge, there is reasonable assurance that the air pollutant emissions unit(s) and the air pollution control equipment described in this Application for Air Permit, when properly operated and maintained, will comply with all applicable standards for control of air pollutant emissions found in the Florida Statutes and rules of the Department of Environmental Protection; and

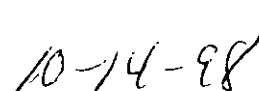
*(2) To the best of my knowledge, any emission estimates reported** or relied on in this application are true, accurate, and complete and are either based upon reasonable techniques available for calculating emissions or, for emission estimates of hazardous air pollutants not regulated for an emissions unit addressed in this application, based solely upon the materials, information and calculations submitted with this application.*

If the purpose of this application is to obtain a Title V source air operation permit (check here [] if so), I further certify that each emissions unit described in this Application for Air Permit, when properly operated and maintained, will comply with the applicable requirements identified in this application to which the unit is subject, except those emissions units for which a compliance schedule is submitted with this application.

If the purpose of this application is to obtain an air construction permit for one or more proposed new or modified emissions units (check here [X] if so), I further certify that the engineering features of each such emissions unit described in this application have been designed or examined by me or individuals under my direct supervision and found to be in conformity with sound engineering principles applicable to the control of emissions of the air pollutants characterized in this application.

If the purpose of this application is to obtain an initial air operation permit or operation permit revision for one or more newly constructed or modified emissions units (check here [] if so), I further certify that, with the exception of any changes detailed as part of this application, each such emissions unit has been constructed or modified in substantial accordance with the information given in the corresponding application for air construction permit and with all provisions contained in such permit.


Signature


Date

(seal)

* Attach any exception to certification statement.

** This excludes certification of any test data, and equipment manufacturer's specifications that were certified by others.

Facility Regulatory Classifications

1. Small Business Stationary Source? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Unknown
2. Title V Source? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
3. Synthetic Non-Title V Source? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
4. Major Source of Pollutants Other than Hazardous Air Pollutants (HAPs)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
5. Synthetic Minor Source of Pollutants Other than HAPs? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
6. Major Source of Hazardous Air Pollutants (HAPs)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
7. Synthetic Minor Source of HAPs? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
8. One or More Emissions Units Subject to NSPS? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
9. One or More Emission Units Subject to NESHAP? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
10. Title V Source by EPA Designation? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
11. Facility Regulatory Classifications Comment (limit to 200 characters): This facility is a natural non-Title V Source, subject to rules and regulations of 40 CFR 60, subpart 000.

B. FACILITY REGULATIONS

Rule Applicability Analysis (Required for Category II applications and Category III applications involving non Title-V sources. See Instructions.)

This facility will be subject to 40 CFR, Part 60, subpart 000 rules and regulations.

List of Applicable Regulations (Required for Category I applications and Category III applications involving Title-V sources. See Instructions.)

62-212.200(56) FAC
62-296.800 FAC
40 CFR 60, Subpart 000
62-296.310 (2) FAC
62-297 FAC
62-297.340 FAC
62-210.350 FAC
Chapter 84-446, Section 3(12) FS
62-296.320 FAC
62-296.310(3) FAC
40 CFR 60.11 (d)
62-4 FAC
62-210

D. FACILITY POLLUTANT DETAIL INFORMATION

Facility Pollutant Detail Information: Pollutant 1 of 5

1. Pollutant Emitted: PM10
2. Estimated Emissions: 5.49 ton/yr
3. Requested Emissions Cap: (#1) < 10 % Opacity from transfer points, belt conveyors, < 15 % Opacity from crusher and screener < 20% opacity from Caterpillar Gen-Set Exhaust, < 5% opacity from all vehicular traffic and roadways.
4. Basis for Emissions Cap Code: 40 CFR 60, subpart 000
5. Facility Pollutant Comment: Facility is subject to opacity limitations only.

Facility Pollutant Detail Information: Pollutant 2 of 5

1. Pollutant Emitted: NOx (Caterpillar Gen-Set)
2. Estimated Emissions: 18.26 lb/hr or 28.49 ton/yr
3. Requested Emissions Cap: < 20% Opacity
4. Basis for Emissions Cap Code: FAC 62-296.310
5. Facility Pollutant Comment: Generator subject to opacity limits only.

D. FACILITY POLLUTANT DETAIL INFORMATION

Facility Pollutant Detail Information: Pollutant 3 of 5

1. Pollutant Emitted: CO (Caterpillar Gen-Set)
2. Estimated Emissions: 3.93 lb/hr or 6.14 ton/yr
3. Requested Emissions Cap: < 20% Opacity
4. Basis for Emissions Cap Code: 62-396.310
5. Facility Pollutant Comment: Generator subject to opacity limits only.

Facility Pollutant Detail Information: Pollutant 4 of 5

1. Pollutant Emitted: SOx (Caterpillar Gen-Set)
2. Estimated Emissions: 1.20 lb/hr or 1.87 ton/yr
3. Requested Emissions Cap: < 20% Opacity
4. Basis for Emissions Cap Code: 62-296.310
5. Facility Pollutant Comment: Generator subject to opacity limits only.

Facility Pollutant Detail Information: Pollutant 5 of 5

1. Pollutant Emitted: Total TOC
2. Estimated Emissions: 1.49 lb/hr or 2.32 ton/yr
3. Requested Emissions Cap: : < 20% Opacity
4. Basis for Emissions Cap Code: 62-296.310
5. Facility Pollutant Comment: Generator subject to opacity limits only.

Facility Pollutant Detail Information: Pollutant _____ of _____

1. Pollutant Emitted:
2. Requested Emissions Cap: _____ (lb/hour) _____ (tons/year)
3. Basis for Emissions Cap Code:
4. Facility Pollutant Comment (limit to 400 characters):

E. FACILITY SUPPLEMENTAL INFORMATION

Supplemental Requirements for All Applications

1. Area Map Showing Facility Location: [X] Attached, Document ID: <u>I</u> [] Not Applicable [] Waiver Requested
2. Facility Plot Plan: [X] Attached, Document ID: <u>II</u> [] Not Applicable [] Waiver Requested
3. Process Flow Diagram(s): [X] Attached, Document ID: <u>III</u> [] Not Applicable [] Waiver Requested
4. Precautions to Prevent Emissions of Unconfined Particulate Matter: [X] Attached, Document ID: <u>IV</u> [] Not Applicable [] Waiver Requested <i>* All areas within facility are continuously sprayed w/ water to control fugitives.</i>
5. Fugitive Emissions Identification: [] Attached, Document ID: _____ [X] Not Applicable [] Waiver Requested
6. Supplemental Information for Construction Permit Application: [X] Attached, Document ID: <u>V</u> [] Not Applicable

Additional Supplemental Requirements for Category I Applications Only

7. List of Proposed Exempt Activities: [] Attached, Document ID: _____ [X] Not Applicable
8. List of Equipment/Activities Regulated under Title VI: [] Attached, Document ID: _____ [] Equipment/Activities On site but Not Required to be Individually Listed [X] Not Applicable
9. Alternative Methods of Operation: [] Attached, Document ID: _____ [X] Not Applicable
10. Alternative Modes of Operation (Emissions Trading): [] Attached, Document ID: _____ [X] Not Applicable

11. Identification of Additional Applicable Requirements:

Attached, Document ID: _____ Not Applicable

12. Compliance Assurance Monitoring Plan:

Attached, Document ID: _____ Not Applicable

13. Risk Management Plan Verification:

Plan Submitted to Implementing Agency - Verification Attached,
Document ID: _____

Plan to be Submitted to Implementing Agency by Required Date

Not Applicable

14. Compliance Report and Plan:

Attached, Document ID: _____ Not Applicable

EMISSIONS POINT No.1

**PRIMARY
JAW CRUSHER**

III. EMISSIONS UNIT INFORMATION

A separate Emissions Unit Information Section (including subsections A through L as required) must be completed for each emissions unit addressed in this Application for Air Permit. If submitting the application form in hard copy, indicate, in the space provided at the top of each page, the number of this Emissions Unit Information Section and the total number of Emissions Unit Information Sections submitted as part of this application. Some of the subsections comprising the Emissions Unit Information Section of the form are intended for regulated emissions units only. Others are intended for both regulated and unregulated emissions units. Each subsection is appropriately marked.

A. TYPE OF EMISSIONS UNIT (Regulated and Unregulated Emissions Units)

Type of Emissions Unit Addressed in This Section

1. Regulated or Unregulated Emissions Unit? Check one:

The emissions unit addressed in this Emissions Unit Information Section is a regulated emissions unit.

The emissions unit addressed in this Emissions Unit Information Section is an unregulated emissions unit.

2. Single Process, Group of Processes, or Fugitive Only? Check one:

This Emissions Unit Information Section addresses, as a single emissions unit, a single process or production unit, or activity, which produces one or more air pollutants and which has at least one definable emission point (stack or vent).

This Emissions Unit Information Section addresses, as a single emissions unit, a group of process or production units and activities which has at least one definable emission point (stack or vent) but may also produce fugitive emissions.

This Emissions Unit Information Section addresses, as a single emissions unit, one or more process or production units and activities which produce fugitive emissions only.

**B. GENERAL EMISSIONS UNIT INFORMATION
(Regulated and Unregulated Emissions Units)**

Emissions Unit Description and Status

1. Description of Emissions Unit Addressed in This Section (limit to 60 characters): Cedarapids, Inc. – Model 3054 Jaw Crusher.		
2. Emissions Unit Identification Number: [] No Corresponding ID [X] Unknown 001		
3. Emissions Unit Status Code: C	4. Acid Rain Unit? [] Yes [X] No	5. Emissions Unit Major Group SIC Code: 14
6. Emissions Unit Comment (limit to 500 characters) The emission unit is a Cedarapids, Inc. Model 3054 Jaw Crusher.		

Emissions Unit Control Equipment

A.

1. Description (limit to 200 characters): The fugitive emissions generated by this jaws crushing unit are controlled by a Water Spray Bar System located in the feed hopper, used to dampen the material to control any emissions generated in the feed hopper and the jaws crushing unit. The material that is to be crushed is also dampened in it's stockpile as to control emissions in the grizzly feeder, the feeder hopper and in the crushing unit as well as any fugitives generated by prevailing winds.
2. Control Device or Method Code: 061, 062, and 99

**C. EMISSIONS UNIT DETAIL INFORMATION
(Regulated Emissions Units Only)**

Emissions Unit Details

1. Initial Startup Date: "After the Fact"
2. Long-term Reserve Shutdown Date: NA
3. Package Unit: Reclaimed Asphalt and Concrete Aggregate Processing Unit – Jaw Crusher Manufacturer: Cedarapids, Inc. Model Number: 3054
4. Generator Nameplate Rating: NA MW
5. Incinerator Information: NA Dwell Temperature: °F (in the secondary chamber) Dwell Time: seconds (minimum);

Emissions Unit Operating Capacity

1. Maximum Heat Input Rate: None
2. Maximum Incineration Rate:
3. Maximum Process or Throughput Rate: 200 ton/hr of reclaimed concrete or asphalt material.
4. Maximum Production Rate: 200 ton/hr of reclaimed concrete or asphalt material. (dependent on material characteristics)
5. Maximum Production Rate: 200 ton/hr as reclaimed concrete or asphalt material. (***) dependent on material characteristics)
5. Operating Capacity Comment: Dampened, reclaimed concrete or asphalt material is feed into the grizzly feeder of the plant where any fugitive emissions generated are controlled by the Water Spray Dust Suppression System which sprays the material with water and dust suppression chemical before entering the jaws crusher of the plant. *** Material characteristics consist of moisture, hardness and size.

Emissions Unit Operating Schedule

Requested Maximum Operating Schedule:		
	10 hours/day	6 days/week
	52 weeks/year	3120 hours/year

**D. EMISSIONS UNIT REGULATIONS
(Regulated Emissions Units Only)**

Rule Applicability Analysis (Required for Category II applications and Category III applications involving non Title-V sources. See Instructions.)

This facility will be subject to 40 CFR, Part 60, subpart 000 rules and regulations.

List of Applicable Regulations (Required for Category I applications and Category III applications involving Title-V sources. See Instructions.)

62-212.200(56) FAC
62-296.800 FAC
40 CFR 60, Subpart 000
62-296.310 (2) FAC
62-297 FAC
62-297.340 FAC
62-210.350 FAC
Chapter 84-446, Section 3(12) FS
62-296.320 FAC
62-296.310(3) FAC
40 CFR 60.11 (d)
62-4 FAC
62-210

**E. EMISSION POINT (STACK/VENT) INFORMATION
(Regulated Emissions Units Only)**

Emission Point Description and Type

1. Identification of Point on Plot Plan or Flow Diagram: <p style="text-align: center;">Jaw Crushing Unit No.1 – EP. 001</p>
2. Emission Point Type Code: <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input checked="" type="checkbox"/> 4
2. Descriptions of Emissions Points Comprising this Emissions Unit for VE Tracking (limit to 100 characters per point): <p>Bottom of preliminary crushing unit.</p>
4. ID Numbers or Descriptions of Emission Units with this Emission Point in Common: <p style="text-align: center;">EP-001</p>
5. Discharge Type Code: <input type="checkbox"/> D <input checked="" type="checkbox"/> F <input type="checkbox"/> H <input type="checkbox"/> P <input type="checkbox"/> R <input type="checkbox"/> V <input type="checkbox"/> W
6. Stack Height: Not Applicable (Emission Point Height ~ 3-4' above surface)
7. Exit Diameter:
8. Exit Temperature:

Emissions Unit Information Section 1 of 14 .

9. Actual Volumetric Flow Rate:
10. Percent Water Vapor : ~ 4% moisture
11. Maximum Dry Standard Flow Rate:
12. Nonstack Emission Point Height: ~ 3-4 feet
13. Emission Point UTM Coordinates: Zone: 17 East (km): 759.9 North (km): 3152.6
14. Emission Point Comment (limit to 200 characters): Fugitive emissions from this emission point will generally appear at bottom of crushing unit were material falls into discharge pan.

F. SEGMENT (PROCESS/FUEL) INFORMATION
(Regulated and Unregulated Emissions Units)

Segment Description and Rate: Segment 1 of 1

1. Segment Description (Process/Fuel Type and Associated Operating Method/Mode) (limit to 500 characters): <p style="text-align: center;">Cedarapids Jaw Crushing Unit</p>	
2. Source Classification Code (SCC):	
3. SCC Units:	
3. Maximum Hourly Rate: <p style="text-align: center;">200 ton/hr</p>	5. Maximum Annual Rate: <p style="text-align: center;">624,000 ton/hr</p>
6. Estimated Annual Activity Factor:	
7. Maximum Percent Sulfur: <p style="text-align: center;">NA</p>	8. Maximum Percent Ash: <p style="text-align: center;">NA</p>
9. Million Btu per SCC Unit: NA	
10. Segment Comment (limit to 200 characters):	

**H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION
(Regulated Emissions Units Only - Emissions Limited Pollutants Only)**

Pollutant Detail Information:

1. Pollutant Emitted:	PM10
2. Total Percent Efficiency of Control:	90 %
3. Primary Control Device Code:	061, 062, and 099
4. Secondary Control Device Code:	NA
5. Potential Emissions:	0.12 lb/hr or 0.18 ton/yr
6. Synthetically Limited?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
7. Range of Estimated Fugitive/Other Emissions:	<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <u> 0 </u> to <u> 0 </u> tons/year
8. Emission Factor:	0.00059 lb/ton Reference: AP-42
9. Emissions Method Code:	<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input checked="" type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5
10. Calculation of Emissions:	PM10_{year} = [(200 ton/hr)(3120 hr/yr)(0.00059 lb/ton)] / 2000 lb/ton = 0.18 ton/yr PM10_{hour} = (200 ton/hr)(0.00059 lb/ton) = 0.12 lb/hr

Pollutant Potential/Estimated Emissions: Pollutant _____ of _____

1. Pollutant Emitted:		
2. Total Percent Efficiency of Control:		
3. Primary Control Device Code:		
4. Secondary Control Device Code:		
5. Potential Emissions:	lb/hour	tons/year
6. Synthetically Limited? <input type="checkbox"/> Yes <input type="checkbox"/> No		
7. Range of Estimated Fugitive/Other Emissions: <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 _____ to _____ tons/year		
8. Emission Factor: Reference:		
9. Emissions Method Code: <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5		
10. Calculation of Emissions:		
11. Pollutant Potential/Estimated Emissions Comment:		

H. PREVENTION OF SIGNIFICANT DETERIORATION (PSD) INCREMENT TRACKING INFORMATION

This subsection of the Application for Air Permit form must be completed for all applications, not just those undergoing prevention-of-significant-deterioration (PSD) review pursuant to Rule 62-212.400, F.A.C. The intent of this subsection is to make a preliminary determination as to whether the emissions unit addressed in this Emissions Unit Information Section consumes PSD increment. PSD increment is consumed (or expanded) as a result of emission increases (decreases) occurring after pollutant-specific baseline dates. Pollutants for which baseline dates have been established are sulfur dioxide, particulate matter, and nitrogen dioxide.

PSD Increment Consumption Determination

1. Increment Consuming for Particulate Matter or Sulfur Dioxide?

If the emissions unit addressed in this section emits particulate matter or sulfur dioxide, answer the following series of questions to make a preliminary determination as to whether or not the emissions unit consumes PSD increment for particulate matter or sulfur dioxide. Check the first statement, if any, that applies and skip remaining statements.

-] The emissions unit is undergoing PSD review as part of this application, or has undergone PSD review previously, for particulate matter or sulfur dioxide. If so, emissions unit consumes increment.
-] The facility addressed in this application is classified as an EPA major source pursuant to paragraph © of the definition of "major source of air pollution" in Chapter 62-213, F.A.C., and the emissions unit addressed in this section commenced (or will commence) construction after January 6, 1975. If so, baseline emissions are zero, and emissions unit consumes increment.
-] The facility addressed in this application is classified as an EPA major source, and the emissions unit began initial operation after January 6, 1975, but before December 27, 1977. If so, baseline emissions are zero, and emissions unit consumes increment.
-] For any facility, the emissions unit began (or will begin) initial operation after December 27, 1977. If so, baseline emissions are zero, and emissions unit consumes increment.
-] None of the above apply. If so, the baseline emissions of the emissions unit are nonzero. In such case, additional analysis, beyond the scope of this application, is needed to determine whether changes in emissions have occurred (or will occur) after the baseline date that may consume or expand increment.

H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION
(Regulated Emissions Units Only - Emissions Limited Pollutants Only)

Pollutant Detail Information:

1. Pollutant Emitted: PM10		
4. Total Percent Efficiency of Control: 90%		
3. Potential Emissions:	lb/hour	tons/year
4. Synthetically Limited? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
5. Range of Estimated Fugitive/Other Emissions: <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 _____ to _____ tons/year		
6. Emission Factor: Reference:		
7. Emissions Method Code: <input type="checkbox"/> 0 <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5		
8. Calculation of Emissions (limit to 600 characters):		

2. Increment Consuming for Nitrogen Dioxide?

If the emissions unit addressed in this section emits nitrogen oxides, answer the following series of questions to make a preliminary determination as to whether or not the emissions unit consumes PSD increment for nitrogen dioxide. Check first statement, if any, that applies and skip remaining statements.

-] The emissions unit addressed in this section is undergoing PSD review as part of this application, or has undergone PSD review previously, for nitrogen dioxide. If so, emissions unit consumes increment.
-] The facility addressed in this application is classified as an EPA major source pursuant to paragraph © of the definition of "major source of air pollution" in Chapter 62-213, F.A.C., and the emissions unit addressed in this section commenced (or will commence) construction after February 8, 1988. If so, baseline emissions are zero, and emissions unit consumes increment.
-] The facility addressed in this application is classified as an EPA major source, and the emissions unit began initial operation after February 8, 1988, but before March 28, 1988. If so, baseline emissions are zero, and emissions unit consumes increment.
-] For any facility, the emissions unit began (or will begin) initial operation after March 28, 1988. If so, baseline emissions are zero, and emissions unit consumes increment.
-] None of the above apply. If so, the baseline emissions of the emissions unit are nonzero. In such case, additional analysis, beyond the scope of this application, is needed to determine whether changes in emissions have occurred (or will occur) after the baseline date that may consume or expand increment.

3. Increment Consuming/Expanding Code:			
PM	<input type="checkbox"/>] C	<input type="checkbox"/>] E	<input checked="" type="checkbox"/>] No
SO2	<input type="checkbox"/>] C	<input type="checkbox"/>] E	<input checked="" type="checkbox"/>] No
NO2	<input type="checkbox"/>] C	<input type="checkbox"/>] E	<input checked="" type="checkbox"/>] No
4. Baseline Emissions: (for burning pit only)			
PM	0.18	lb/hour	0.12 tons/year
SO2		lb/hour	tons/year
NO2		lb/hour	tons/year
5. PSD Comment:			

I. EMISSIONS UNIT SUPPLEMENTAL INFORMATION

This subsection of the Application for Air Permit form provides supplemental information related to the emissions unit addressed in this Emissions Unit Information Section. Supplemental information must be submitted as an attachment to each copy of the form, in hard-copy or computer-readable form.

Supplemental Requirements for All Applications

1. Process Flow Diagram <input checked="" type="checkbox"/> Attached, Document ID: <u> III </u> [] Not Applicable [] Waiver Requested
2. Fuel Analysis or Specification [] Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable [] Waiver Requested
3. Detailed Description of Control Equipment <input checked="" type="checkbox"/> Attached, Document ID: <u> VI </u> [] Not Applicable [] Waiver Requested
4. Description of Stack Sampling Facilities [] Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable [] Waiver Requested
5. Compliance Test Report [] Attached, Document ID: _____ [] Previously submitted, Date: _____ <input checked="" type="checkbox"/> Not Applicable
6. Procedures for Startup and Shutdown [] Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
7. Operation and Maintenance Plan <input checked="" type="checkbox"/> Attached, Document ID: <u> VII </u> <input checked="" type="checkbox"/> Not Applicable
8. Supplemental Information for Construction Permit Application <input checked="" type="checkbox"/> Attached, Document ID: <u> V </u> [] Not Applicable
9. Other Information Required by Rule or Statute [] Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable

Additional Supplemental Requirements for Category I Applications Only

10. Alternative Methods of Operation <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
11. Alternative Modes of Operation (Emissions Trading) <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
12. Enhanced Monitoring Plan <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
13. Identification of Additional Applicable Requirements <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
14. Acid Rain Application (Hard-copy Required) <input type="checkbox"/> Acid Rain Part - Phase II (Form No. 62-210.900(1)(a)) Attached, Document ID: _____ <input type="checkbox"/> Repowering Extension Plan (Form No. 62-210.900(1)(a)1.) Attached, Document ID: _____ <input type="checkbox"/> New Unit Exemption (Form No. 62-210.900(1)(a)2.) Attached, Document ID: _____ <input type="checkbox"/> Retired Unit Exemption (Form No. 62-210.900(1)(a)3.) Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable

EMISSIONS POINT No.2

**SECONDARY
IMPACT CRUSHER**

III. EMISSIONS UNIT INFORMATION

A separate Emissions Unit Information Section (including subsections A through I as required) must be completed for each emissions unit addressed in this Application for Air Permit. If submitting the application form in hard copy, indicate, in the space provided at the top of each page, the number of this Emissions Unit Information Section and the total number of Emissions Unit Information Sections submitted as part of this application.

A. GENERAL EMISSIONS UNIT INFORMATION

This subsection of the Application for Air Permit form provides general information on the emissions unit addressed in this Emissions Unit Information Section, including information on the type, control equipment, operating capacity, and operating schedule of the emissions unit.

Type of Emissions Unit Addressed in This Section

Check one:

- This Emissions Unit Information Section addresses, as a single emissions unit, a single process or production unit, or activity, which produces one or more air pollutants and which has at least one definable emission point (stack or vent).
- This Emissions Unit Information Section addresses, as a single emissions unit, an individually-regulated emission point (stack or vent) serving a single process or production unit, or activity, which also has other individually-regulated emission points.
- This Emissions Unit Information Section addresses, as a single emissions unit, a collectively-regulated group of process or production units and activities which has at least one definable emission point (stack or vent) but may also produce fugitive emissions.
- This Emissions Unit Information Section addresses, as a single emissions unit, one or more process or production units and activities which produce fugitive emissions only.

Emissions Unit Description and Status

<p>1. Description of Emissions Unit Addressed in This Section:</p> <p style="text-align: center;">Bohringer, Inc. - Model RC14 Impact Crusher</p>		
<p>2. ARMS Identification Number: <input type="checkbox"/> No Corresponding ID <input checked="" type="checkbox"/> Unknown</p>		
<p>3. Emissions Unit Status Code: C</p>	<p>4. Acid Rain Unit? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>5. Emissions Unit Major Group SIC Code: 14</p>
<p>6. Initial Startup Date (DD-MON-YYYY):</p>		
<p>7. Long-term Reserve Shutdown Date (DD-MON-YYYY): NA</p>		
<p>8. Package Unit: Reclaimed Asphalt and Concrete Aggregate Processing Unit - Impact Crusher Manufacturer: Bohringer, Inc. Model Number: RC14</p>		
<p>9. Generator Nameplate Rating: NA</p>		
<p>10. Incinerator Information: Dwell Temperature: Dwell Time: Incinerator Temperature :</p>		
<p>11. Emissions Unit Comment:</p>		

Emissions Unit Control Equipment

A.

1. Description: The fugitive emissions generated by this crushing unit are controlled by a Spray Bar System located throughout the unit, used to dampen the material to control any emissions generated in the crushing process. The material that is to be crushed is also dampened in it's stockpile as to control emissions in the crusher as well as any fugitives generated by prevailing winds.
2. Control Device or Method Code: 061, 062 and 099

B.

1. Description:
2. Control Device or Method Code:

C.

1. Description:
2. Control Device or Method Code:

Emissions Unit Operating Capacity

1. Maximum Heat Input Rate: NONE
2. Maximum Incineration Rate:
3. Maximum Process or Throughput Rate: 200 ton/hr as reclaimed concrete or asphalt material (**dependent on material characteristics).
4. Maximum Production Rate: 200 ton/hr as reclaimed concrete or asphalt material (**dependent on material characteristics).
5. Operating Capacity Comment: Dampened, reclaimed concrete or asphalt material is feed into the grizzly feeder of the plant where any fugitive emissions generated are controlled by the Water Spray Dust Suppression System which sprays the material with water and dust suppression chemical before entering the jaws crusher of the plant. *** Material Characteristics consist of moisture, hardness and size.

Emissions Unit Operating Schedule

Requested Maximum Operating Schedule:		
	10 hours/day	6 days/week
	52 weeks/year	3120 hours/year

B. EMISSIONS UNIT REGULATIONS

Depending on the application category, this subsection of the Application for Air Permit form provides either a brief analysis or detailed listing of all federal, state, and local regulations applicable to the emissions unit addressed in this Emissions Unit Information Section.

Rule Applicability Analysis (Required for Category II applications and Category III applications involving non Title-V sources. See Instructions.)

This facility will be subject to 40 CFR, Part 60, subpart 000 rules and regulations.

List of Applicable Regulations (Required for Category I applications and Category III applications involving Title-V sources. See Instructions.)

62-212.200(56) FAC
62-296.800 FAC
40 CFR 60, Subpart 000
62-296.310 (2) FAC
62-297 FAC
62-297.340 FAC
62-210.350 FAC
Chapter 84-446, Section 3(12) FS
62-296.320 FAC
62-296.310(3) FAC
40 CFR 60.11 (d)
62-4 FAC
62-210

C. EMISSION POINT (STACK/VENT) INFORMATION

This subsection of the Application for Air Permit form provides information about the emission point associated with the emissions unit addressed in this Emissions Unit Information Section. An emission point is typically a stack or vent but can be any identifiable location at which air pollutants, including fugitive emissions, are discharged into the atmosphere.

Emission Point Description and Type

1. Identification of Point on Plot Plan or Flow Diagram: Impact Crushing Unit No.2 – EP 002
2. Emission Point Type Code: <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input checked="" type="checkbox"/> 4
3. Descriptions of Emissions Points Comprising this Emissions Unit:
4. ID Numbers or Descriptions of Emission Units with this Emission Point in Common: NA
5. Discharge Type Code: <input type="checkbox"/> D <input checked="" type="checkbox"/> F <input type="checkbox"/> H <input type="checkbox"/> P <input type="checkbox"/> R <input type="checkbox"/> V <input type="checkbox"/> W
6. Stack Height: NA
7. Exit Diameter: NA
8. Exit Temperature:
9. Actual Volumetric Flow Rate:

10. Percent Water Vapor: 4% moisture
11. Maximum Dry Standard Flow Rate: NA dscfm
12. Nonstack Emission Point Height: ~3-5 feet
13. Emission Point UTM Coordinates: Zone: 17 East (km): 759.9 North (km): 3152.6
14. Emission Point Comment:

D. SEGMENT (PROCESS/FUEL) INFORMATION

For the emissions unit addressed in this Emissions Unit Information Section, a separate set of segment data (Fields 1-10) must be completed for each segment required to be reported and for each alternative operating method or mode (emissions trading scenario) under Chapter 62-213, F.A.C., for which the maximum hourly or annual segment-related rate would vary. A segment is a material handling, process, fuel burning, volatile organic liquid storage, production, or other such operation to which emissions of the unit are directly related. See instructions for further details on this subsection of the Application for Air Permit.

1. Segment Description (Process/Fuel Type and Associated Operating Method/Mode): Reclaimed Asphalt and Concrete Aggregate Processing Unit - Impact Crusher	
2. Source Classification Code (SCC): 14	
3. SCC Units: tons processed per hour	
4. Maximum Hourly Rate: 200 ton/hr	5. Maximum Annual Rate: 624,000 ton/yr
6. Estimated Annual Activity Factor: NA	
7. Maximum Percent Sulfur: NA	8. Maximum Percent Ash: NA
9. Million Btu per SCC Unit:	
10. Segment Comment:	

1. Segment Description (Process/Fuel Type and Associated Operating Method/Mode): 200 TPH - Reclaimed Asphalt and Concrete Aggregate Processing Unit - Impact Crusher	
2. Source Classification Code (SCC):	
3. SCC Units:	
4. Maximum Hourly Rate:	5. Maximum Annual Rate:
6. Estimated Annual Activity Factor:	
7. Maximum Percent Sulfur:	8. Maximum Percent Ash:
9. Million Btu per SCC Unit:	
10. Segment Comment:	

E. POLLUTANT INFORMATION

For the emissions unit addressed in this Emissions Unit Information Section, a separate set of pollutant information must be completed for each pollutant required to be reported. See instructions for further details on this subsection of the Application for Air Permit.

Pollutant Potential/Estimated Emissions: Pollutant 1 of 1

1. Pollutant Emitted: PM10		
2. Total Percent Efficiency of Control: 90%		
3. Primary Control Device Code: 060, 062, and 099		
4. Secondary Control Device Code: NA		
5. Potential Emissions:	0.12 lb/hr	0.18 ton/yr
6. Synthetically Limited? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
7. Range of Estimated Fugitive/Other Emissions: <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <u> 0 </u> to <u> 0 </u> tons/year		
8. Emission Factor: 0.00059 lbs/ton Reference: AP-42		
9. Emissions Method Code: <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input checked="" type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5		
10. Calculation of Emissions: $PM10_{year} = [(200 \text{ ton/hr})(3120 \text{ hr/yr})(0.00059 \text{ lb/ton})] / 2000 \text{ lb/ton} = 0.18 \text{ ton/yr}$ $PM10_{hour} = (200 \text{ ton/hr})(0.00059 \text{ lb/ton}) = 0.12 \text{ lb/hr}$		
11. Pollutant Potential/Estimated Emissions Comment: Emissions based on worse case scenario @ highest production rate		

Allowable Emissions

1. Basis for Allowable Emissions Code: This Facility will be subject to 40 CFR, Part 60, subpart 000 rules and regulations
2. Future Effective Date of Allowable Emissions: Initial Visible Emissions Compliance Test
3. Requested Allowable Emissions and Units: <15 % Opacity
4. Equivalent Allowable Emissions: 0.18 lb/hour 0.12 tons/year
5. Method of Compliance: Initial and annual EPA Method 9 Compliance testing.
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode):

1. Basis for Allowable Emissions Code
2. Future Effective Date of Allowable Emissions:
3. Requested Allowable Emissions and Units:
4. Equivalent Allowable Emissions: lb/hr tons/year
5. Method of Compliance:
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode):

F. VISIBLE EMISSIONS INFORMATION

This subsection of the Application for Air Permit form must be completed for only those emissions units which are subject to a visible emissions limitation. The intent of this subsection of the form is to identify each activity associated with the emissions unit addressed in this section for which a separate opacity limitation would be applicable. Visible emission subtype codes for each such activity are listed in the instructions for Field

1. Most emissions units will be subject to a "subtype VE" limit only.

Visible Emissions Limitation: Visible Emissions Limitation 1 of 1

1. Visible Emissions Subtype:	VE
2. Basis for Allowable Opacity:	<input checked="" type="checkbox"/> Rule <input type="checkbox"/> Other Subpart 000
3. Requested Allowable Opacity:	Normal Conditions: <15 % Exceptional Conditions: <15 % Maximum Period of Excess Opacity Allowed: 0 min/hour
4. Method of Compliance:	Initial and annual EPA Method 9 test on this unit.
5. Visible Emissions Comment:	

Emissions Unit Information Section 2 of 14 .

Visible Emissions Limitation: Visible Emissions Limitation _____ of _____

1. Visible Emissions Subtype:
2. Basis for Allowable Opacity: <input type="checkbox"/> Rule <input type="checkbox"/> Other
3. Requested Allowable Opacity: Normal Conditions: % Exceptional Conditions: % Maximum Period of Excess Opacity Allowed: min/hour
4. Method of Compliance:
5. Visible Emissions Comment:

Visible Emissions Limitation: Visible Emissions Limitation _____ of _____

1. Visible Emissions Subtype:
2. Basis for Allowable Opacity: <input type="checkbox"/> Rule <input type="checkbox"/> Other
3. Requested Allowable Opacity: Normal Conditions: % Exceptional Conditions: % Maximum Period of Excess Opacity Allowed: min/hour
4. Method of Compliance:
5. Visible Emissions Comment:

G. CONTINUOUS MONITOR INFORMATION

This subsection of the Application for Air Permit form must be completed for only those emissions units which are required by rule or permit to install and operate one or more continuous emission, opacity, flow, or other type monitors. A separate set of continuous monitor information (Fields 1-6) must be completed for each monitoring system required.

Continuous Monitoring System:

1. Parameter Code:	NOT APPLICABLE	
2. CMS Requirement:	<input type="checkbox"/> Rule	<input type="checkbox"/> Other
3. Monitor Information:		
Manufacturer:		
Model Number:	Serial Number:	
4. Installation Date (DD-MON-YYYY):		
5. Performance Specification Test Date (DD-MON-YYYY):		
6. Continuous Monitor Comment:		

Emissions Unit Information Section 2 of 14 .

Continuous Monitoring System: Continuous Monitor _____ of _____

1. Parameter Code:	NOT APPLICABLE	
2. CMS Requirement:	<input type="checkbox"/> Rule	<input type="checkbox"/> Other
3. Monitor Information:		
Manufacturer:		
Model Number:	Serial Number:	
4. Installation Date (DD-MON-YYYY):		
5. Performance Specification Test Date (DD-MON-YYYY):		
6. Continuous Monitor Comment:		

Continuous Monitoring System: Continuous Monitor _____ of _____

1. Parameter Code:		
2. CMS Requirement:	<input type="checkbox"/> Rule	<input type="checkbox"/> Other
3. Monitor Information:		
Manufacturer:		
Model Number:	Serial Number:	
4. Installation Date (DD-MON-YYYY):		
5. Performance Specification Test Date (DD-MON-YYYY):		
6. Continuous Monitor Comment:		

H. PREVENTION OF SIGNIFICANT DETERIORATION (PSD) INCREMENT TRACKING INFORMATION

This subsection of the Application for Air Permit form must be completed for all applications, not just those undergoing prevention-of-significant-deterioration (PSD) review pursuant to Rule 62-212.400, F.A.C. The intent of this subsection is to make a preliminary determination as to whether the emissions unit addressed in this Emissions Unit Information Section consumes PSD increment. PSD increment is consumed (or expanded) as a result of emission increases (decreases) occurring after pollutant-specific baseline dates. Pollutants for which baseline dates have been established are sulfur dioxide, particulate matter, and nitrogen dioxide.

PSD Increment Consumption Determination

1. Increment Consuming for Particulate Matter or Sulfur Dioxide?

If the emissions unit addressed in this section emits particulate matter or sulfur dioxide, answer the following series of questions to make a preliminary determination as to whether or not the emissions unit consumes PSD increment for particulate matter or sulfur dioxide. Check the first statement, if any, that applies and skip remaining statements.

-] The emissions unit is undergoing PSD review as part of this application, or has undergone PSD review previously, for particulate matter or sulfur dioxide. If so, emissions unit consumes increment.
-] The facility addressed in this application is classified as an EPA major source pursuant to paragraph © of the definition of "major source of air pollution" in Chapter 62-213, F.A.C., and the emissions unit addressed in this section commenced (or will commence) construction after January 6, 1975. If so, baseline emissions are zero, and emissions unit consumes increment.
-] The facility addressed in this application is classified as an EPA major source, and the emissions unit began initial operation after January 6, 1975, but before December 27, 1977. If so, baseline emissions are zero, and emissions unit consumes increment.
-] For any facility, the emissions unit began (or will begin) initial operation after December 27, 1977. If so, baseline emissions are zero, and emissions unit consumes increment.
-] None of the above apply. If so, the baseline emissions of the emissions unit are nonzero. In such case, additional analysis, beyond the scope of this application, is needed to determine whether changes in emissions have occurred (or will occur) after the baseline date that may consume or expand increment.

2. Increment Consuming for Nitrogen Dioxide?

If the emissions unit addressed in this section emits nitrogen oxides, answer the following series of questions to make a preliminary determination as to whether or not the emissions unit consumes PSD increment for nitrogen dioxide. Check first statement, if any, that applies and skip remaining statements.

-] The emissions unit addressed in this section is undergoing PSD review as part of this application, or has undergone PSD review previously, for nitrogen dioxide. If so, emissions unit consumes increment.
-] The facility addressed in this application is classified as an EPA major source pursuant to paragraph © of the definition of "major source of air pollution" in Chapter 62-213, F.A.C., and the emissions unit addressed in this section commenced (or will commence) construction after February 8, 1988. If so, baseline emissions are zero, and emissions unit consumes increment.
-] The facility addressed in this application is classified as an EPA major source, and the emissions unit began initial operation after February 8, 1988, but before March 28, 1988. If so, baseline emissions are zero, and emissions unit consumes increment.
-] For any facility, the emissions unit began (or will begin) initial operation after March 28, 1988. If so, baseline emissions are zero, and emissions unit consumes increment.
-] None of the above apply. If so, the baseline emissions of the emissions unit are nonzero. In such case, additional analysis, beyond the scope of this application, is needed to determine whether changes in emissions have occurred (or will occur) after the baseline date that may consume or expand increment.

3. Increment Consuming/Expanding Code:				
PM	<input type="checkbox"/>] C	<input type="checkbox"/>] E		<input checked="" type="checkbox"/>] No
SO2	<input type="checkbox"/>] C	<input type="checkbox"/>] E		<input checked="" type="checkbox"/>] No
NO2	<input type="checkbox"/>] C	<input type="checkbox"/>] E		<input checked="" type="checkbox"/>] No
4. Baseline Emissions: (for diesel generator only)				
PM	0.18	lb/hour	0.12	tons/year
SO2		lb/hour		tons/year
NO2		lb/hour		tons/year
CO		lb/hr		tons/year
HC		lb/hr		tons/year
5. PSD Comment:				

EMISSIONS UNIT SUPPLEMENTAL INFORMATION

This subsection of the Application for Air Permit form provides supplemental information related to the emissions unit addressed in this Emissions Unit Information Section. Supplemental information must be submitted as an attachment to each copy of the form, in hard-copy or computer-readable form.

Supplemental Requirements for All Applications

1. Process Flow Diagram <input checked="" type="checkbox"/> Attached, Document ID: <u>III</u> [] Not Applicable [] Waiver Requested
2. Fuel Analysis or Specification [] Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable [] Waiver Requested
3. Detailed Description of Control Equipment <input checked="" type="checkbox"/> Attached, Document ID: <u>VI</u> [] Not Applicable [] Waiver Requested
4. Description of Stack Sampling Facilities [] Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable [] Waiver Requested
5. Compliance Test Report [] Attached, Document ID: _____ [] Previously submitted, Date: _____ <input checked="" type="checkbox"/> Not Applicable
6. Procedures for Startup and Shutdown <input checked="" type="checkbox"/> Attached, Document ID: _____ [] Not Applicable
7. Operation and Maintenance Plan <input checked="" type="checkbox"/> Attached, Document ID: <u>VII</u> [] Not Applicable
8. Supplemental Information for Construction Permit Application <input checked="" type="checkbox"/> Attached, Document ID: <u>V</u> [] Not Applicable
9. Other Information Required by Rule or Statute [] Attached, Document ID: _____ [] Not Applicable

Additional Supplemental Requirements for Category I Applications Only

10. Alternative Methods of Operation <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
11. Alternative Modes of Operation (Emissions Trading) <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
12. Enhanced Monitoring Plan <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
13. Identification of Additional Applicable Requirements <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
14. Acid Rain Application (Hard-copy Required) <input type="checkbox"/> Acid Rain Part - Phase II (Form No. 62-210.900(1)(a)) Attached, Document ID: _____ <input type="checkbox"/> Repowering Extension Plan (Form No. 62-210.900(1)(a)1.) Attached, Document ID: _____ <input type="checkbox"/> New Unit Exemption (Form No. 62-210.900(1)(a)2.) Attached, Document ID: _____ <input type="checkbox"/> Retired Unit Exemption (Form No. 62-210.900(1)(a)3.) Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable

EMISSIONS POINT No.3

**7' X 20'
TRIPLE DECK
SCREENER**

III. EMISSIONS UNIT INFORMATION

A separate Emissions Unit Information Section (including subsections A through I as required) must be completed for each emissions unit addressed in this Application for Air Permit. If submitting the application form in hard copy, indicate, in the space provided at the top of each page, the number of this Emissions Unit Information Section and the total number of Emissions Unit Information Sections submitted as part of this application.

A. GENERAL EMISSIONS UNIT INFORMATION

This subsection of the Application for Air Permit form provides general information on the emissions unit addressed in this Emissions Unit Information Section, including information on the type, control equipment, operating capacity, and operating schedule of the emissions unit.

Type of Emissions Unit Addressed in This Section

Check one:

- This Emissions Unit Information Section addresses, as a single emissions unit, a single process or production unit, or activity, which produces one or more air pollutants and which has at least one definable emission point (stack or vent).
- This Emissions Unit Information Section addresses, as a single emissions unit, an individually-regulated emission point (stack or vent) serving a single process or production unit, or activity, which also has other individually-regulated emission points.
- This Emissions Unit Information Section addresses, as a single emissions unit, a collectively-regulated group of process or production units and activities which has at least one definable emission point (stack or vent) but may also produce fugitive emissions.
- This Emissions Unit Information Section addresses, as a single emissions unit, one or more process or production units and activities which produce fugitive emissions only.

Emissions Unit Description and Status

<p>1. Description of Emissions Unit Addressed in This Section: Cedarapids, Inc. - Triple Deck Screener (7 x 20').</p>		
<p>2. ARMS Identification Number: <input type="checkbox"/> No Corresponding ID <input checked="" type="checkbox"/> Unknown</p>		
<p>3. Emissions Unit Status Code: C</p>	<p>4. Acid Rain Unit? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>5. Emissions Unit Major Group SIC Code: 14</p>
<p>6. Initial Startup Date (DD-MON-YYYY): Unknown</p>		
<p>7. Long-term Reserve Shutdown Date (DD-MON-YYYY): NA</p>		
<p>8. Package Unit: Portable Reclaimed Asphalt and Concrete Aggregate Processing Unit - 7 x 20' triple deck screening unit. Manufacturer: Cedarapids, Inc. Model Number: 7 x 20</p>		
<p>9. Generator Nameplate Rating:</p>		
<p>10. Incinerator Information: Dwell Temperature: Dwell Time: Incinerator Temperature :</p>		
<p>11. Emissions Unit Comment: The triple deck screening deck is located between the primary jaw crusher and secondary impact crusher. This unit is used to separate material into separate sizes and send them to the radial stackers or to the impact (secondary) crusher to be reprocessed (recrushed).</p>		

Emissions Unit Control Equipment

A.

1. Description:

The triple deck screening deck is located between the primary jaw crusher and secondary impact crusher. This unit is used to separate material into separate sizes and send them to the radial stackers or to the impact (secondary) crusher to be reprocessed (recrushed). Water spray bars are located at the entrance and top of the vibrating triple deck screener to dampen the processed materials and to control any emissions generated by this process. The material to be crushed is dampened in it's stockpile as to control fugitive emissions throughout the entire process.

2. Control Device or Method Code: 061, 062, 099

B.

1. Description:

2. Control Device or Method Code:

C.

1. Description:

2. Control Device or Method Code:

Emissions Unit Operating Capacity

1. Maximum Heat Input Rate: None
2. Maximum Incineration Rate:
3. Maximum Process or Throughput Rate: 200 ton/hr as reclaimed concrete or asphalt material (**dependent on material characteristics).
4. Maximum Production Rate: 200 ton/hr as processed (crushed) reclaimed concrete or asphalt aggregate material (**dependent on material characteristics).
5. Operating Capacity Comment: The triple deck screening deck is located between the primary jaw crusher and secondary impact crusher. This unit is used to separate material into separate sizes and send them to the radial stackers or to the impact (secondary) crusher to be reprocessed (recrushed). Water spray bars are located at the entrance and top of the vibrating triple deck screener to dampen the processed materials and to control any emissions generated by this process. In addition, the material that is to be crushed is also dampened in it's stockpile as to control emissions throughout the process as well as any fugitives generated by prevailing winds.

Emissions Unit Operating Schedule

Requested Maximum Operating Schedule:		
	10 hours/day	6 days/week
	52 weeks/year	3120 hours/year

B. EMISSIONS UNIT REGULATIONS

Depending on the application category, this subsection of the Application for Air Permit form provides either a brief analysis or detailed listing of all federal, state, and local regulations applicable to the emissions unit addressed in this Emissions Unit Information Section.

Rule Applicability Analysis (Required for Category II applications and Category III applications involving non Title-V sources. See Instructions.)

This facility will be subject to 40 CFR, Part 60, subpart 000 rules and regulations.

List of Applicable Regulations (Required for Category I applications and Category III applications involving Title-V sources. See Instructions.)

62-212.200(56) FAC
62-296.800 FAC
40 CFR 60, Subpart 000
62-296.310 (2) FAC
62-297 FAC
62-297.340 FAC
62-210.350 FAC
Chapter 84-446, Section 3(12) FS
62-296.320 FAC
62-296.310(3) FAC
40 CFR 60.11 (d)
62-4 FAC
62-210

C. EMISSION POINT (STACK/VENT) INFORMATION

This subsection of the Application for Air Permit form provides information about the emission point associated with the emissions unit addressed in this Emissions Unit Information Section. An emission point is typically a stack or vent but can be any identifiable location at which air pollutants, including fugitive emissions, are discharged into the atmosphere.

Emission Point Description and Type

1. Identification of Point on Plot Plan or Flow Diagram: Cedarapids, Inc. - Triple Deck Screener 7' x 20'
2. Emission Point Type Code: <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input checked="" type="checkbox"/> 4
3. Descriptions of Emissions Points Comprising this Emissions Unit: Not Applicable
4. ID Numbers or Descriptions of Emission Units with this Emission Point in Common: NA
5. Discharge Type Code: <input type="checkbox"/> D <input checked="" type="checkbox"/> F <input type="checkbox"/> H <input type="checkbox"/> P <input type="checkbox"/> R <input type="checkbox"/> V <input type="checkbox"/> W
6. Stack Height: Not Applicable
7. Exit Diameter:
8. Exit Temperature:
9. Actual Volumetric Flow Rate:

10. Percent Water Vapor: ~ 6% moisture
11. Maximum Dry Standard Flow Rate: NA dscfm
12. Nonstack Emission Point Height: ~ 10 feet
13. Emission Point UTM Coordinates: Zone: 17 East (km): 759.9 North (km): 3152.6
14. Emission Point Comment: Emissions Point will be fugitive only, if any emissions are generated at all.

D. SEGMENT (PROCESS/FUEL) INFORMATION

For the emissions unit addressed in this Emissions Unit Information Section, a separate set of segment data (Fields 1-10) must be completed for each segment required to be reported and for each alternative operating method or mode (emissions trading scenario) under Chapter 62-213, F.A.C., for which the maximum hourly or annual segment-related rate would vary. A segment is a material handling, process, fuel burning, volatile organic liquid storage, production, or other such operation to which emissions of the unit are directly related. See instructions for further details on this subsection of the Application for Air Permit.

1. Segment Description (Process/Fuel Type and Associated Operating Method/Mode): Material Handling Process – Cedarapids, Inc. – 7 x 20' triple deck screener	
2. Source Classification Code (SCC): 14	
3. SCC Units: tons processed per hour	
4. Maximum Hourly Rate: 200 ton/hr	5. Maximum Annual Rate: 624,000 ton/yr
6. Estimated Annual Activity Factor: NA	
7. Maximum Percent Sulfur: NA	8. Maximum Percent Ash:
9. Million Btu per SCC Unit:	
10. Segment Comment:	

1. Segment Description (Process/Fuel Type and Associated Operating Method/Mode):	
2. Source Classification Code (SCC):	
3. SCC Units:	
4. Maximum Hourly Rate:	5. Maximum Annual Rate:
6. Estimated Annual Activity Factor:	
7. Maximum Percent Sulfur:	8. Maximum Percent Ash:
9. Million Btu per SCC Unit:	
10. Segment Comment:	

E. POLLUTANT INFORMATION

For the emissions unit addressed in this Emissions Unit Information Section, a separate set of pollutant information must be completed for each pollutant required to be reported. See instructions for further details on this subsection of the Application for Air Permit.

Pollutant Potential/Estimated Emissions: Pollutant 1 of 1

1. Pollutant Emitted: PM10		
2. Total Percent Efficiency of Control: 90%		
3. Primary Control Device Code: 061, 062, and 099		
4. Secondary Control Device Code: NA		
5. Potential Emissions:	0.42 lb/hr	0.66 ton/yr
6. Synthetically Limited? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
7. Range of Estimated Fugitive/Other Emissions: <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <u>0</u> to <u>0</u> tons/year		
8. Emission Factor: 0.0021 lbs/ton Reference: AP-42, Table 3.3-1		
9. Emissions Method Code: <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input checked="" type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5		
10. Calculation of Emissions: $PM10_{\text{yearly}} = [(200 \text{ ton/hr})(3120 \text{ hr/yr})(0.0021 \text{ lb/ton})] / 2000 \text{ lb/ton} = 0.66 \text{ ton/yr}$ $PM10_{\text{hour}} = (200 \text{ ton/hr})(0.0021 \text{ lb/ton}) = 0.42 \text{ lb/hr}$		
11. Pollutant Potential/Estimated Emissions Comment:		

Allowable Emissions

1. Basis for Allowable Emissions Code: This facility will be subject to 40 CFR, Part 60, subpart 000 rules and regulations.		
2. Future Effective Date of Allowable Emissions: Initial Visible Emissions Compliance Test		
3. Requested Allowable Emissions and Units: 10 % Opacity		
4. Equivalent Allowable Emissions:	lb/hour	tons/year
5. Method of Compliance: Annual EPA Method 9 Compliance Testing.		
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode):		

1. Basis for Allowable Emissions Code		
2. Future Effective Date of Allowable Emissions:		
3. Requested Allowable Emissions and Units:		
4. Equivalent Allowable Emissions:	lb/hr	tons/year
5. Method of Compliance:		
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode):		

F. VISIBLE EMISSIONS INFORMATION

This subsection of the Application for Air Permit form must be completed for only those emissions units which are subject to a visible emissions limitation. The intent of this subsection of the form is to identify each activity associated with the emissions unit addressed in this section for which a separate opacity limitation would be applicable. Visible emission subtype codes for each such activity are listed in the instructions for Field

1. Most emissions units will be subject to a "subtype VE" limit only.

Visible Emissions Limitation: Visible Emissions Limitation 1 of 1

1. Visible Emissions Subtype:	VE
2. Basis for Allowable Opacity:	<input checked="" type="checkbox"/> Rule <input type="checkbox"/> Other
3. Requested Allowable Opacity:	Normal Conditions: 10 % Exceptional Conditions: 10 % Maximum Period of Excess Opacity Allowed: 0 min/hour
4. Method of Compliance:	Annual EPA Method 9 Visible Emissions Compliance Testing.
5. Visible Emissions Comment:	

G. CONTINUOUS MONITOR INFORMATION

This subsection of the Application for Air Permit form must be completed for only those emissions units which are required by rule or permit to install and operate one or more continuous emission, opacity, flow, or other type monitors. A separate set of continuous monitor information (Fields 1-6) must be completed for each monitoring system required.

Continuous Monitoring System:

1. Parameter Code:	NOT APPLICABLE	
2. CMS Requirement:	<input type="checkbox"/> Rule	<input type="checkbox"/> Other
3. Monitor Information:		
Manufacturer:		
Model Number:	Serial Number:	
4. Installation Date (DD-MON-YYYY):		
5. Performance Specification Test Date (DD-MON-YYYY):		
6. Continuous Monitor Comment:		

H. PREVENTION OF SIGNIFICANT DETERIORATION (PSD) INCREMENT TRACKING INFORMATION

This subsection of the Application for Air Permit form must be completed for all applications, not just those undergoing prevention-of-significant-deterioration (PSD) review pursuant to Rule 62-212.400, F.A.C. The intent of this subsection is to make a preliminary determination as to whether the emissions unit addressed in this Emissions Unit Information Section consumes PSD increment. PSD increment is consumed (or expanded) as a result of emission increases (decreases) occurring after pollutant-specific baseline dates. Pollutants for which baseline dates have been established are sulfur dioxide, particulate matter, and nitrogen dioxide.

PSD Increment Consumption Determination

1. Increment Consuming for Particulate Matter or Sulfur Dioxide?

If the emissions unit addressed in this section emits particulate matter or sulfur dioxide, answer the following series of questions to make a preliminary determination as to whether or not the emissions unit consumes PSD increment for particulate matter or sulfur dioxide. Check the first statement, if any, that applies and skip remaining statements.

-] The emissions unit is undergoing PSD review as part of this application, or has undergone PSD review previously, for particulate matter or sulfur dioxide. If so, emissions unit consumes increment.
-] The facility addressed in this application is classified as an EPA major source pursuant to paragraph © of the definition of "major source of air pollution" in Chapter 62-213, F.A.C., and the emissions unit addressed in this section commenced (or will commence) construction after January 6, 1975. If so, baseline emissions are zero, and emissions unit consumes increment.
-] The facility addressed in this application is classified as an EPA major source, and the emissions unit began initial operation after January 6, 1975, but before December 27, 1977. If so, baseline emissions are zero, and emissions unit consumes increment.
-] For any facility, the emissions unit began (or will begin) initial operation after December 27, 1977. If so, baseline emissions are zero, and emissions unit consumes increment.
-] None of the above apply. If so, the baseline emissions of the emissions unit are nonzero. In such case, additional analysis, beyond the scope of this application, is needed to determine whether changes in emissions have occurred (or will occur) after the baseline date that may consume or expand increment.

2. Increment Consuming for Nitrogen Dioxide?

If the emissions unit addressed in this section emits nitrogen oxides, answer the following series of questions to make a preliminary determination as to whether or not the emissions unit consumes PSD increment for nitrogen dioxide. Check first statement, if any, that applies and skip remaining statements.

-] The emissions unit addressed in this section is undergoing PSD review as part of this application, or has undergone PSD review previously, for nitrogen dioxide. If so, emissions unit consumes increment.
-] The facility addressed in this application is classified as an EPA major source pursuant to paragraph © of the definition of "major source of air pollution" in Chapter 62-213, F.A.C., and the emissions unit addressed in this section commenced (or will commence) construction after February 8, 1988. If so, baseline emissions are zero, and emissions unit consumes increment.
-] The facility addressed in this application is classified as an EPA major source, and the emissions unit began initial operation after February 8, 1988, but before March 28, 1988. If so, baseline emissions are zero, and emissions unit consumes increment.
-] For any facility, the emissions unit began (or will begin) initial operation after March 28, 1988. If so, baseline emissions are zero, and emissions unit consumes increment.
-] None of the above apply. If so, the baseline emissions of the emissions unit are nonzero. In such case, additional analysis, beyond the scope of this application, is needed to determine whether changes in emissions have occurred (or will occur) after the baseline date that may consume or expand increment.

3. Increment Consuming/Expanding Code:			
PM	<input type="checkbox"/>] C	<input type="checkbox"/>] E	<input checked="" type="checkbox"/>] No
SO2	<input type="checkbox"/>] C	<input type="checkbox"/>] E	<input checked="" type="checkbox"/>] No
NO2	<input type="checkbox"/>] C	<input type="checkbox"/>] E	<input checked="" type="checkbox"/>] No
4. Baseline Emissions: (for diesel generator only)			
PM	0.42 lb/hour	0.66 tons/year	

EMISSIONS UNIT SUPPLEMENTAL INFORMATION

This subsection of the Application for Air Permit form provides supplemental information related to the emissions unit addressed in this Emissions Unit Information Section. Supplemental information must be submitted as an attachment to each copy of the form, in hard-copy or computer-readable form.

Supplemental Requirements for All Applications

1. Process Flow Diagram <input checked="" type="checkbox"/> Attached, Document ID: <u>III</u> [] Not Applicable [] Waiver Requested
2. Fuel Analysis or Specification [] Attached, Document ID: _____ [X] Not Applicable [] Waiver Requested
3. Detailed Description of Control Equipment <input checked="" type="checkbox"/> Attached, Document ID: <u>VI</u> [] Not Applicable [] Waiver Requested
4. Description of Stack Sampling Facilities [] Attached, Document ID: _____ [X] Not Applicable [] Waiver Requested
5. Compliance Test Report [] Attached, Document ID: _____ [] Previously submitted, Date: _____ <input checked="" type="checkbox"/> Not Applicable
6. Procedures for Startup and Shutdown [] Attached, Document ID: _____ [X] Not Applicable
7. Operation and Maintenance Plan <input checked="" type="checkbox"/> Attached, Document ID: <u>VII</u> [] Not Applicable
8. Supplemental Information for Construction Permit Application <input checked="" type="checkbox"/> Attached, Document ID: <u>V</u> [] Not Applicable
9. Other Information Required by Rule or Statute [] Attached, Document ID: _____ [X] Not Applicable

Additional Supplemental Requirements for Category I Applications Only

10. Alternative Methods of Operation <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
11. Alternative Modes of Operation (Emissions Trading) <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
12. Enhanced Monitoring Plan <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
13. Identification of Additional Applicable Requirements <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
14. Acid Rain Application (Hard-copy Required) <input type="checkbox"/> Acid Rain Part - Phase II (Form No. 62-210.900(1)(a)) Attached, Document ID: _____ <input type="checkbox"/> Repowering Extension Plan (Form No. 62-210.900(1)(a)1.) Attached, Document ID: _____ <input type="checkbox"/> New Unit Exemption (Form No. 62-210.900(1)(a)2.) Attached, Document ID: _____ <input type="checkbox"/> Retired Unit Exemption (Form No. 62-210.900(1)(a)3.) Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable

EMISSIONS POINT No.4

**4' x 30'
FEED CONVEYOR**

III. EMISSIONS UNIT INFORMATION

A separate Emissions Unit Information Section (including subsections A through I as required) must be completed for each emissions unit addressed in this Application for Air Permit. If submitting the application form in hard copy, indicate, in the space provided at the top of each page, the number of this Emissions Unit Information Section and the total number of Emissions Unit Information Sections submitted as part of this application.

A. GENERAL EMISSIONS UNIT INFORMATION

This subsection of the Application for Air Permit form provides general information on the emissions unit addressed in this Emissions Unit Information Section, including information on the type, control equipment, operating capacity, and operating schedule of the emissions unit.

Type of Emissions Unit Addressed in This Section

Check one:

- This Emissions Unit Information Section addresses, as a single emissions unit, a single process or production unit, or activity, which produces one or more air pollutants and which has at least one definable emission point (stack or vent).
- This Emissions Unit Information Section addresses, as a single emissions unit, an individually-regulated emission point (stack or vent) serving a single process or production unit, or activity, which also has other individually-regulated emission points.
- This Emissions Unit Information Section addresses, as a single emissions unit, a collectively-regulated group of process or production units and activities which has at least one definable emission point (stack or vent) but may also produce fugitive emissions.
- This Emissions Unit Information Section addresses, as a single emissions unit, one or more process or production units and activities which produce fugitive emissions only.

Emissions Unit Description and Status

<p>1. Description of Emissions Unit Addressed in This Section:</p> <p>Cedarapids Feed Conveyor (4x 30') between primary Jaw Crusher and first magnet system to transfer crushed rock from primary crusher through magnetic field onto screening conveyor.</p>		
<p>2. ARMS Identification Number: <input type="checkbox"/> No Corresponding ID <input checked="" type="checkbox"/> Unknown</p>		
<p>3. Emissions Unit Status Code: C</p>	<p>4. Acid Rain Unit? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>5. Emissions Unit Major Group SIC Code: 14</p>
<p>6. Initial Startup Date (DD-MON-YYYY): Unknown</p>		
<p>7. Long-term Reserve Shutdown Date (DD-MON-YYYY): NA</p>		
<p>8. Package Unit: 4' x 30' Feed Conveyor Belt Manufacturer: Cedarapids Inc. Model Number: 4 x 30</p>		
<p>9. Generator Nameplate Rating:</p>		
<p>10. Incinerator Information: Dwell Temperature: Dwell Time: Incinerator Temperature :</p>		
<p>11. Emissions Unit Comment: If any emissions generated they will be fugitive at drop point between feed conveyor and screen conveyor.</p>		

Emissions Unit Control Equipment

A.

1. Description: Cedarapids, Inc. - Feed Conveyor (4x30') used to transfer crushed aggregates through magnetic field onto the screening conveyor. Material is dampened by a water spray bar suppression system at beginning of feed conveyor belt. In addition, material to be crushed is dampened in it's stockpiles before crushing as to control emissions during crushing process.
2. Control Device or Method Code: 061, 062, 099

B.

1. Description:
2. Control Device or Method Code:

C.

1. Description:
2. Control Device or Method Code:

Emissions Unit Operating Capacity

1. Maximum Heat Input Rate: None .
2. Maximum Incineration Rate:
3. Maximum Process or Throughput Rate: 200 ton/hr as crushed reclaimed concrete or asphalt material (dependent on material characteristics.)
4. Maximum Production Rate: 200 ton/hr as crushed reclaimed concrete or asphalt material (**dependent on material characteristics.)
5. Operating Capacity Comment: 4' x 30' Feed Conveyor- 200 ton/hr as crushed reclaimed concrete or asphalt material. Material is crushed in primary jaw crusher then transferred to screener to be separated into desired sizes. ***Material characteristics consist of size, moisture and hardness

Emissions Unit Operating Schedule

Requested Maximum Operating Schedule:		
	10 hours/day	6 days/week
	52 weeks/year	3120 hours/year

B. EMISSIONS UNIT REGULATIONS

Depending on the application category, this subsection of the Application for Air Permit form provides either a brief analysis or detailed listing of all federal, state, and local regulations applicable to the emissions unit addressed in this Emissions Unit Information Section.

Rule Applicability Analysis (Required for Category II applications and Category III applications involving non Title-V sources. See Instructions.)

This facility will be subject to 40 CFR, Part 60, subpart 000 rules and regulations.

List of Applicable Regulations (Required for Category I applications and Category III applications involving Title-V sources. See Instructions.)

62-212.200(56) FAC	
62-296.800 FAC	
40 CFR 60, Subpart 000	
62-296.310 (2) FAC	
62-297 FAC	
62-297.340 FAC	
62-210.350 FAC	
Chapter 84-446, Section 3(12) FS	
62-296.320 FAC	
62-296.310(3) FAC	
40 CFR 60.11 (d)	
62-4 FAC	
62-210	

C. EMISSION POINT (STACK/VENT) INFORMATION

This subsection of the Application for Air Permit form provides information about the emission point associated with the emissions unit addressed in this Emissions Unit Information Section. An emission point is typically a stack or vent but can be any identifiable location at which air pollutants, including fugitive emissions, are discharged into the atmosphere.

Emission Point Description and Type

1. Identification of Point on Plot Plan or Flow Diagram: 4' x 30' Feed Conveyor (Transfer Point)
2. Emission Point Type Code: <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input checked="" type="checkbox"/> 4
3. Descriptions of Emissions Points Comprising this Emissions Unit: Not Applicable
4. ID Numbers or Descriptions of Emission Units with this Emission Point in Common: NA
5. Discharge Type Code: <input type="checkbox"/> D <input checked="" type="checkbox"/> F <input type="checkbox"/> H <input type="checkbox"/> P <input type="checkbox"/> R <input type="checkbox"/> V <input type="checkbox"/> W
6. Stack Height: ~ 5 feet
7. Exit Diameter: Not Applicable
8. Exit Temperature:
9. Actual Volumetric Flow Rate:

Emissions Unit Information Section 4 of 14 .

10. Percent Water Vapor: ~4-6 %
11. Maximum Dry Standard Flow Rate:
12. Nonstack Emission Point Height: ~5 feet
13. Emission Point UTM Coordinates: Zone: 17 East (km): 759.9 North (km): 3152.6
14. Emission Point Comment: Emissions will occur at drop point between feed conveyor and screening conveyor if any at generated at all.

D. SEGMENT (PROCESS/FUEL) INFORMATION

For the emissions unit addressed in this Emissions Unit Information Section, a separate set of segment data (Fields 1-10) must be completed for each segment required to be reported and for each alternative operating method or mode (emissions trading scenario) under Chapter 62-213, F.A.C., for which the maximum hourly or annual segment-related rate would vary. A segment is a material handling, process, fuel burning, volatile organic liquid storage, production, or other such operation to which emissions of the unit are directly related. See instructions for further details on this subsection of the Application for Air Permit.

1. Segment Description (Process/Fuel Type and Associated Operating Method/Mode): Material Handling Operations – Cedarapids, Inc. (4' wide x 30' long) conveying system – used to transfer processed crushed aggregates.	
2. Source Classification Code (SCC): 14	
3. SCC Units: tons/hr material conveyed	
4. Maximum Hourly Rate: 200 ton/hr	5. Maximum Annual Rate: 624,000 ton/yr
6. Estimated Annual Activity Factor: NA	
7. Maximum Percent Sulfur:	8. Maximum Percent Ash:
9. Million Btu per SCC Unit:	
10. Segment Comment:	

1. Segment Description (Process/Fuel Type and Associated Operating Method/Mode): <p style="text-align: center;">Not Applicable</p>	
2. Source Classification Code (SCC):	
3. SCC Units:	
4. Maximum Hourly Rate:	5. Maximum Annual Rate:
6. Estimated Annual Activity Factor:	
7. Maximum Percent Sulfur:	8. Maximum Percent Ash:
9. Million Btu per SCC Unit:	
10. Segment Comment:	

E. POLLUTANT INFORMATION

For the emissions unit addressed in this Emissions Unit Information Section, a separate set of pollutant information must be completed for each pollutant required to be reported. See instructions for further details on this subsection of the Application for Air Permit.

Pollutant Potential/Estimated Emissions: Pollutant 1 of 1

1. Pollutant Emitted: PM10		
2. Total Percent Efficiency of Control: 90 %		
3. Primary Control Device Code: 061, 062, and 099		
4. Secondary Control Device Code: NA		
5. Potential Emissions:	0.10 lb/hr	0.15 ton/yr
6. Synthetically Limited? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
7. Range of Estimated Fugitive/Other Emissions: <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <u>0</u> to <u>0</u> tons/year		
8. Emission Factor: 0.0048 lbs/ton Reference: AP-42		
9. Emissions Method Code: <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5		
10. Calculation of Emissions: PM10_{yearly} = [(200 ton/hr)(3120 hr/yr)(0.00048 lb/ton)] / 2000 lb/ton = 0.15 ton/yr PM10_{hourly} = (200 ton/hr)(0.00048 lb/ton) = 0.10 lb/hr		
11. Pollutant Potential/Estimated Emissions Comment:		

E. POLLUTANT INFORMATION

For the emissions unit addressed in this Emissions Unit Information Section, a separate set of pollutant information must be completed for each pollutant required to be reported. See instructions for further details on this subsection of the Application for Air Permit.

Pollutant Potential/Estimated Emissions: Pollutant _____ of _____

1. Pollutant Emitted:		
2. Total Percent Efficiency of Control:		
3. Primary Control Device Code:		
4. Secondary Control Device Code:		
5. Potential Emissions:	lb/hour	tons/year
6. Synthetically Limited? <input type="checkbox"/> Yes <input type="checkbox"/> No		
7. Range of Estimated Fugitive/Other Emissions: <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <u>0</u> to <u>0</u> tons/year		
8. Emission Factor: Reference:		
9. Emissions Method Code: <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5		
10. Calculation of Emissions:		
11. Pollutant Potential/Estimated Emissions Comment:		

Allowable Emissions

1. Basis for Allowable Emissions Code: This facility will be subject to 40 CFR, Part 60, subpart 000 rules and regulations.
2. Future Effective Date of Allowable Emissions: Initial Visible Emissions Compliance Test
3. Requested Allowable Emissions and Units: 10 % Opacity
4. Equivalent Allowable Emissions: tons/year
5. Method of Compliance: Annual EPA Method 9 Compliance testing.
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode):

1. Basis for Allowable Emissions Code
2. Future Effective Date of Allowable Emissions:
3. Requested Allowable Emissions and Units:
4. Equivalent Allowable Emissions: lb/hr tons/year
5. Method of Compliance:
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode):

F. VISIBLE EMISSIONS INFORMATION

This subsection of the Application for Air Permit form must be completed for only those emissions units which are subject to a visible emissions limitation. The intent of this subsection of the form is to identify each activity associated with the emissions unit addressed in this section for which a separate opacity limitation would be applicable. Visible emission subtype codes for each such activity are listed in the instructions for Field

1. Most emissions units will be subject to a "subtype VE" limit only.

Visible Emissions Limitation: Visible Emissions Limitation 1 of 1

1. Visible Emissions Subtype:	VE
2. Basis for Allowable Opacity:	<input checked="" type="checkbox"/> Rule <input type="checkbox"/> Other
3. Requested Allowable Opacity:	Normal Conditions: 10 % Exceptional Conditions: 10 % Maximum Period of Excess Opacity Allowed: 0 min/hour
4. Method of Compliance:	Annual EPA Method 9 visible emissions compliance testing.
5. Visible Emissions Comment:	

G. CONTINUOUS MONITOR INFORMATION

This subsection of the Application for Air Permit form must be completed for only those emissions units which are required by rule or permit to install and operate one or more continuous emission, opacity, flow, or other type monitors. A separate set of continuous monitor information (Fields 1-6) must be completed for each monitoring system required.

Continuous Monitoring System:

1. Parameter Code:	NOT APPLICABLE	
2. CMS Requirement:	<input type="checkbox"/> Rule	<input type="checkbox"/> Other
3. Monitor Information:		
Manufacturer:		
Model Number:	Serial Number:	
4. Installation Date (DD-MON-YYYY):		
5. Performance Specification Test Date (DD-MON-YYYY):		
6. Continuous Monitor Comment:		

H. PREVENTION OF SIGNIFICANT DETERIORATION (PSD) INCREMENT TRACKING INFORMATION

This subsection of the Application for Air Permit form must be completed for all applications, not just those undergoing prevention-of-significant-deterioration (PSD) review pursuant to Rule 62-212.400, F.A.C. The intent of this subsection is to make a preliminary determination as to whether the emissions unit addressed in this Emissions Unit Information Section consumes PSD increment. PSD increment is consumed (or expanded) as a result of emission increases (decreases) occurring after pollutant-specific baseline dates. Pollutants for which baseline dates have been established are sulfur dioxide, particulate matter, and nitrogen dioxide.

PSD Increment Consumption Determination

1. Increment Consuming for Particulate Matter or Sulfur Dioxide?

If the emissions unit addressed in this section emits particulate matter or sulfur dioxide, answer the following series of questions to make a preliminary determination as to whether or not the emissions unit consumes PSD increment for particulate matter or sulfur dioxide. Check the first statement, if any, that applies and skip remaining statements.

-] The emissions unit is undergoing PSD review as part of this application, or has undergone PSD review previously, for particulate matter or sulfur dioxide. If so, emissions unit consumes increment.

-] The facility addressed in this application is classified as an EPA major source pursuant to paragraph © of the definition of "major source of air pollution" in Chapter 62-213, F.A.C., and the emissions unit addressed in this section commenced (or will commence) construction after January 6, 1975. If so, baseline emissions are zero, and emissions unit consumes increment.

-] The facility addressed in this application is classified as an EPA major source, and the emissions unit began initial operation after January 6, 1975, but before December 27, 1977. If so, baseline emissions are zero, and emissions unit consumes increment.

-] For any facility, the emissions unit began (or will begin) initial operation after December 27, 1977. If so, baseline emissions are zero, and emissions unit consumes increment.

-] None of the above apply. If so, the baseline emissions of the emissions unit are nonzero. In such case, additional analysis, beyond the scope of this application, is needed to determine whether changes in emissions have occurred (or will occur) after the baseline date that may consume or expand increment.

Emissions Unit Information Section 4 of 14.

2. Increment Consuming for Nitrogen Dioxide?

If the emissions unit addressed in this section emits nitrogen oxides, answer the following series of questions to make a preliminary determination as to whether or not the emissions unit consumes PSD increment for nitrogen dioxide. Check first statement, if any, that applies and skip remaining statements.

-] The emissions unit addressed in this section is undergoing PSD review as part of this application, or has undergone PSD review previously, for nitrogen dioxide. If so, emissions unit consumes increment.
-] The facility addressed in this application is classified as an EPA major source pursuant to paragraph © of the definition of "major source of air pollution" in Chapter 62-213, F.A.C., and the emissions unit addressed in this section commenced (or will commence) construction after February 8, 1988. If so, baseline emissions are zero, and emissions unit consumes increment.
-] The facility addressed in this application is classified as an EPA major source, and the emissions unit began initial operation after February 8, 1988, but before March 28, 1988. If so, baseline emissions are zero, and emissions unit consumes increment.
-] For any facility, the emissions unit began (or will begin) initial operation after March 28, 1988. If so, baseline emissions are zero, and emissions unit consumes increment.
-] None of the above apply. If so, the baseline emissions of the emissions unit are nonzero. In such case, additional analysis, beyond the scope of this application, is needed to determine whether changes in emissions have occurred (or will occur) after the baseline date that may consume or expand increment.

3. Increment Consuming/Expanding Code:				
PM	<input type="checkbox"/>] C	<input type="checkbox"/>] E	<input checked="" type="checkbox"/>] No	
SO2	<input type="checkbox"/>] C	<input type="checkbox"/>] E	<input checked="" type="checkbox"/>] No	
NO2	<input type="checkbox"/>] C	<input type="checkbox"/>] E	<input checked="" type="checkbox"/>] No	
4. Baseline Emissions: (for diesel generator only)				
PM	0.10	lb/hour	0.15	tons/year
SO2		lb/hour		tons/year
NO2		lb/hour		tons/year
CO		lb/hr		tons/year
HC		lb/hr		tons/year
5. PSD Comment:				

EMISSIONS UNIT SUPPLEMENTAL INFORMATION

Emissions Unit Information Section 4 of 14 .

This subsection of the Application for Air Permit form provides supplemental information related to the emissions unit addressed in this Emissions Unit Information Section. Supplemental information must be submitted as an attachment to each copy of the form, in hard-copy or computer-readable form.

Supplemental Requirements for All Applications

1. Process Flow Diagram <input checked="" type="checkbox"/> Attached, Document ID: <u>III</u> <input type="checkbox"/> Not Applicable <input type="checkbox"/> Waiver Requested
2. Fuel Analysis or Specification <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable <input type="checkbox"/> Waiver Requested
3. Detailed Description of Control Equipment <input checked="" type="checkbox"/> Attached, Document ID: <u>VI</u> <input type="checkbox"/> Not Applicable <input type="checkbox"/> Waiver Requested
4. Description of Stack Sampling Facilities <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable <input type="checkbox"/> Waiver Requested
5. Compliance Test Report <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Previously submitted, Date: _____ <input checked="" type="checkbox"/> Not Applicable
6. Procedures for Startup and Shutdown <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
7. Operation and Maintenance Plan <input checked="" type="checkbox"/> Attached, Document ID: <u>VII</u> <input type="checkbox"/> Not Applicable
8. Supplemental Information for Construction Permit Application <input checked="" type="checkbox"/> Attached, Document ID: <u>V</u> <input type="checkbox"/> Not Applicable
9. Other Information Required by Rule or Statute <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable

Additional Supplemental Requirements for Category I Applications Only

10. Alternative Methods of Operation <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
11. Alternative Modes of Operation (Emissions Trading) <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
12. Enhanced Monitoring Plan <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
13. Identification of Additional Applicable Requirements <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
14. Acid Rain Application (Hard-copy Required) <input type="checkbox"/> Acid Rain Part - Phase II (Form No. 62-210.900(1)(a)) Attached, Document ID: _____ <input type="checkbox"/> Repowering Extension Plan (Form No. 62-210.900(1)(a)1.) Attached, Document ID: _____ <input type="checkbox"/> New Unit Exemption (Form No. 62-210.900(1)(a)2.) Attached, Document ID: _____ <input type="checkbox"/> Retired Unit Exemption (Form No. 62-210.900(1)(a)3.) Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable

EMISSIONS POINT No.5

4' x 50'
SCREENING CONVEYOR

III. EMISSIONS UNIT INFORMATION

A separate Emissions Unit Information Section (including subsections A through I as required) must be completed for each emissions unit addressed in this Application for Air Permit. If submitting the application form in hard copy, indicate, in the space provided at the top of each page, the number of this Emissions Unit Information Section and the total number of Emissions Unit Information Sections submitted as part of this application.

A. GENERAL EMISSIONS UNIT INFORMATION

This subsection of the Application for Air Permit form provides general information on the emissions unit addressed in this Emissions Unit Information Section, including information on the type, control equipment, operating capacity, and operating schedule of the emissions unit.

Type of Emissions Unit Addressed in This Section

Check one:

- This Emissions Unit Information Section addresses, as a single emissions unit, a single process or production unit, or activity, which produces one or more air pollutants and which has at least one definable emission point (stack or vent).
- This Emissions Unit Information Section addresses, as a single emissions unit, an individually-regulated emission point (stack or vent) serving a single process or production unit, or activity, which also has other individually-regulated emission points.
- This Emissions Unit Information Section addresses, as a single emissions unit, a collectively-regulated group of process or production units and activities which has at least one definable emission point (stack or vent) but may also produce fugitive emissions.
- This Emissions Unit Information Section addresses, as a single emissions unit, one or more process or production units and activities which produce fugitive emissions only.

Emissions Unit Description and Status

<p>1. Description of Emissions Unit Addressed in This Section:</p> <p>Cedarapids Inc., Screening Conveyor (4x50') used to convey crushed aggregates to Cedarapids, Inc. Triple Deck Screener.</p>		
<p>2. ARMS Identification Number: <input type="checkbox"/> No Corresponding ID <input checked="" type="checkbox"/> Unknown</p>		
<p>3. Emissions Unit Status Code: C</p>	<p>4. Acid Rain Unit? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>5. Emissions Unit Major Group SIC Code: 14</p>
<p>6. Initial Startup Date (DD-MON-YYYY): Unknown</p>		
<p>7. Long-term Reserve Shutdown Date (DD-MON-YYYY): NA</p>		
<p>8. Package Unit: 4'x 50' Screening Conveyor Belt Manufacturer: Cedarapids, Inc. Model Number: NA</p>		
<p>9. Generator Nameplate Rating:</p>		
<p>10. Incinerator Information: Dwell Temperature: Dwell Time: Incinerator Temperature :</p>		
<p>11. Emissions Unit Comment: Cedarapids, Inc. Screening Conveyor (4 x 50'). If any created they will be fugitive and will be generated at drop point to triple deck screener.</p>		

Emissions Unit Control Equipment

A.

1. Description:

Cedarapids, Inc. Screening Conveyor (4'x 50') used to convey crushed material from feed belt drop point to triple deck screener. Material is dampened by a water suppression system at feed conveyor point and in its stockpile before crushing as to control emissions during crushing and conveying process.

2. Control Device or Method Code: 061, 062, 099

B.

1. Description:

2. Control Device or Method Code:

C.

1. Description:

2. Control Device or Method Code:

Emissions Unit Operating Capacity

1. Maximum Heat Input Rate: None
2. Maximum Incineration Rate:
3. Maximum Process or Throughput Rate: 200 ton/hr as crushed reclaimed concrete or asphalt material (**dependent on material characteristics).
4. Maximum Production Rate: 200 ton/hr as crushed reclaimed concrete or asphalt material (**dependent on material characteristics).
6. Operating Capacity Comment: 4' x 50' Screening Conveyor – transfers ~200 ton/hr of crushed aggregates to triple deck screening device. Material characteristics consists of moisture, size and hardness.

Emissions Unit Operating Schedule

Requested Maximum Operating Schedule:		
	10 hours/day	6 days/week
	52 weeks/year	3120 hours/year

B. EMISSIONS UNIT REGULATIONS

Depending on the application category, this subsection of the Application for Air Permit form provides either a brief analysis or detailed listing of all federal, state, and local regulations applicable to the emissions unit addressed in this Emissions Unit Information Section.

Rule Applicability Analysis (Required for Category II applications and Category III applications involving non Title-V sources. See Instructions.)

This facility will be subject to 40 CFR, Part 60, subpart 000 rules and regulations.

List of Applicable Regulations (Required for Category I applications and Category III applications involving Title-V sources. See Instructions.)

62-212.200(56) FAC	
62-296.800 FAC	
40 CFR 60, Subpart 000	
62-296.310 (2) FAC	
62-297 FAC	
62-297.340 FAC	
62-210.350 FAC	
Chapter 84-446, Section 3(12) FS	
62-296.320 FAC	
62-296.310(3) FAC	
40 CFR 60.11 (d)	
62-4 FAC	
62-210	

C. EMISSION POINT (STACK/VENT) INFORMATION

This subsection of the Application for Air Permit form provides information about the emission point associated with the emissions unit addressed in this Emissions Unit Information Section. An emission point is typically a stack or vent but can be any identifiable location at which air pollutants, including fugitive emissions, are discharged into the atmosphere.

Emission Point Description and Type

1. Identification of Point on Plot Plan or Flow Diagram: 4' x 50' Transfer Conveyor (Drop Point @ Triple Deck Screener)
2. Emission Point Type Code: <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input checked="" type="checkbox"/> 4
3. Descriptions of Emissions Points Comprising this Emissions Unit: Not Applicable
4. ID Numbers or Descriptions of Emission Units with this Emission Point in Common: NA
5. Discharge Type Code: <input type="checkbox"/> D <input checked="" type="checkbox"/> F <input type="checkbox"/> H <input type="checkbox"/> P <input type="checkbox"/> R <input type="checkbox"/> V <input type="checkbox"/> W
6. Stack Height: 0 feet
7. Exit Diameter: Not Applicable
8. Exit Temperature:
9. Actual Volumetric Flow Rate:

Emissions Unit Information Section 5 of 14 .

10. Percent Water Vapor: 4-6 %
11. Maximum Dry Standard Flow Rate:
12. Nonstack Emission Point Height: ~12 feet
13. Emission Point UTM Coordinates: Zone: 17 East (km): 759.9 North (km): 3152.6
14. Emission Point Comment: Emissions Point will be fugitive only, if any at all.

D. SEGMENT (PROCESS/FUEL) INFORMATION

For the emissions unit addressed in this Emissions Unit Information Section, a separate set of segment data (Fields 1-10) must be completed for each segment required to be reported and for each alternative operating method or mode (emissions trading scenario) under Chapter 62-213, F.A.C., for which the maximum hourly or annual segment-related rate would vary. A segment is a material handling, process, fuel burning, volatile organic liquid storage, production, or other such operation to which emissions of the unit are directly related. See instructions for further details on this subsection of the Application for Air Permit.

1. Segment Description (Process/Fuel Type and Associated Operating Method/Mode): Material Handling – Cedarapids, Inc. – 4' wide x 60' long screening conveyor. Used to conveyor crushed aggregates to triple deck screening device.	
2. Source Classification Code (SCC): 1421	
3. SCC Units: tons of material conveyed per hour	
4. Maximum Hourly Rate: 200 ton/hr	5. Maximum Annual Rate: 624,000 ton/yr
6. Estimated Annual Activity Factor: NA	
7. Maximum Percent Sulfur:	8. Maximum Percent Ash:
9. Million Btu per SCC Unit:	
10. Segment Comment:	

1. Segment Description (Process/Fuel Type and Associated Operating Method/Mode): <p style="text-align: center;">Not Applicable</p>	
2. Source Classification Code (SCC):	
3. SCC Units:	
4. Maximum Hourly Rate:	5. Maximum Annual Rate:
6. Estimated Annual Activity Factor:	
7. Maximum Percent Sulfur:	8. Maximum Percent Ash:
9. Million Btu per SCC Unit:	
10. Segment Comment:	

E. POLLUTANT INFORMATION

For the emissions unit addressed in this Emissions Unit Information Section, a separate set of pollutant information must be completed for each pollutant required to be reported. See instructions for further details on this subsection of the Application for Air Permit.

Pollutant Potential/Estimated Emissions: Pollutant 1 of 5

1. Pollutant Emitted: PM10		
2. Total Percent Efficiency of Control: 90 %		
3. Primary Control Device Code: 061,062, and 099		
4. Secondary Control Device Code: NA		
5. Potential Emissions:	0.10 lb/hr	0.15 ton/yr
6. Synthetically Limited? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
7. Range of Estimated Fugitive/Other Emissions: <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <u>0</u> to <u>0</u> tons/year		
8. Emission Factor: 0.0048 lbs/ton Reference: AP-42		
9. Emissions Method Code: <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5		
10. Calculation of Emissions: $PM10_{\text{yearly}} = [(200 \text{ ton/hr})(3120 \text{ hr/yr})(0.00048 \text{ lb/ton})] / 2000 \text{ lb/ton} = 0.15 \text{ ton/yr}$ $PM10_{\text{hourly}} = (200 \text{ ton/hr})(0.00048 \text{ lb/ton}) = 0.10 \text{ lb/hr}$		
11. Pollutant Potential/Estimated Emissions Comment:		

E. POLLUTANT INFORMATION

For the emissions unit addressed in this Emissions Unit Information Section, a separate set of pollutant information must be completed for each pollutant required to be reported. See instructions for further details on this subsection of the Application for Air Permit.

Pollutant Potential/Estimated Emissions: Pollutant _____ of _____

1. Pollutant Emitted:		
2. Total Percent Efficiency of Control:		
3. Primary Control Device Code:		
4. Secondary Control Device Code:		
5. Potential Emissions:	lb/hour	tons/year
6. Synthetically Limited? <input type="checkbox"/> Yes <input type="checkbox"/> No		
7. Range of Estimated Fugitive/Other Emissions: <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <u> 0 </u> to <u> 0 </u> tons/year		
8. Emission Factor: Reference:		
9. Emissions Method Code: <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5		
10. Calculation of Emissions:		
11. Pollutant Potential/Estimated Emissions Comment:		

Allowable Emissions

<p>1. Basis for Allowable Emissions Code: This facility will be subject to 40 CFR, Part 60, subpart 000 rules and regulations.</p>
<p>2. Future Effective Date of Allowable Emissions: Initial Visible Emissions Compliance Test</p>
<p>3. Requested Allowable Emissions and Units: 10 % Opacity</p>
<p>4. Equivalent Allowable Emissions: tons/year</p>
<p>5. Method of Compliance: Annual EPA Method 9 Compliance testing.</p>
<p>6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode):</p>

<p>1. Basis for Allowable Emissions Code</p>
<p>2. Future Effective Date of Allowable Emissions:</p>
<p>3. Requested Allowable Emissions and Units:</p>
<p>4. Equivalent Allowable Emissions: lb/hr tons/year</p>
<p>5. Method of Compliance:</p>
<p>6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode):</p>

F. VISIBLE EMISSIONS INFORMATION

This subsection of the Application for Air Permit form must be completed for only those emissions units which are subject to a visible emissions limitation. The intent of this subsection of the form is to identify each activity associated with the emissions unit addressed in this section for which a separate opacity limitation would be applicable. Visible emission subtype codes for each such activity are listed in the instructions for Field

1. Most emissions units will be subject to a "subtype VE" limit only.

Visible Emissions Limitation: Visible Emissions Limitation 1 of 1

1. Visible Emissions Subtype:	VE	
2. Basis for Allowable Opacity:	<input checked="" type="checkbox"/> Rule	<input type="checkbox"/> Other
3. Requested Allowable Opacity:	Normal Conditions: 10 % Exceptional Conditions: 10 % Maximum Period of Excess Opacity Allowed: 0 min/hour	
4. Method of Compliance:	Annual EPA Method 9 visible emissions compliance testing.	
5. Visible Emissions Comment:		

G. CONTINUOUS MONITOR INFORMATION

This subsection of the Application for Air Permit form must be completed for only those emissions units which are required by rule or permit to install and operate one or more continuous emission, opacity, flow, or other type monitors. A separate set of continuous monitor information (Fields 1-6) must be completed for each monitoring system required.

Continuous Monitoring System:

1. Parameter Code:	NOT APPLICABLE	
2. CMS Requirement:	<input type="checkbox"/> Rule	<input type="checkbox"/> Other
3. Monitor Information:		
Manufacturer:		
Model Number:	Serial Number:	
4. Installation Date (DD-MON-YYYY):		
5. Performance Specification Test Date (DD-MON-YYYY):		
6. Continuous Monitor Comment:		

**H. PREVENTION OF SIGNIFICANT DETERIORATION (PSD) INCREMENT
TRACKING INFORMATION**

This subsection of the Application for Air Permit form must be completed for all applications, not just those undergoing prevention-of-significant-deterioration (PSD) review pursuant to Rule 62-212.400, F.A.C. The intent of this subsection is to make a preliminary determination as to whether the emissions unit addressed in this Emissions Unit Information Section consumes PSD increment. PSD increment is consumed (or expanded) as a result of emission increases (decreases) occurring after pollutant-specific baseline dates. Pollutants for which baseline dates have been established are sulfur dioxide, particulate matter, and nitrogen dioxide.

PSD Increment Consumption Determination

1. Increment Consuming for Particulate Matter or Sulfur Dioxide?

If the emissions unit addressed in this section emits particulate matter or sulfur dioxide, answer the following series of questions to make a preliminary determination as to whether or not the emissions unit consumes PSD increment for particulate matter or sulfur dioxide. Check the first statement, if any, that applies and skip remaining statements.

-] The emissions unit is undergoing PSD review as part of this application, or has undergone PSD review previously, for particulate matter or sulfur dioxide. If so, emissions unit consumes increment.

-] The facility addressed in this application is classified as an EPA major source pursuant to paragraph © of the definition of "major source of air pollution" in Chapter 62-213, F.A.C., and the emissions unit addressed in this section commenced (or will commence) construction after January 6, 1975. If so, baseline emissions are zero, and emissions unit consumes increment.

-] The facility addressed in this application is classified as an EPA major source, and the emissions unit began initial operation after January 6, 1975, but before December 27, 1977. If so, baseline emissions are zero, and emissions unit consumes increment.

-] For any facility, the emissions unit began (or will begin) initial operation after December 27, 1977. If so, baseline emissions are zero, and emissions unit consumes increment.

-] None of the above apply. If so, the baseline emissions of the emissions unit are nonzero. In such case, additional analysis, beyond the scope of this application, is needed to determine whether changes in emissions have occurred (or will occur) after the baseline date that may consume or expand increment.

2. Increment Consuming for Nitrogen Dioxide?

If the emissions unit addressed in this section emits nitrogen oxides, answer the following series of questions to make a preliminary determination as to whether or not the emissions unit consumes PSD increment for nitrogen dioxide. Check first statement, if any, that applies and skip remaining statements.

-] The emissions unit addressed in this section is undergoing PSD review as part of this application, or has undergone PSD review previously, for nitrogen dioxide. If so, emissions unit consumes increment.
-] The facility addressed in this application is classified as an EPA major source pursuant to paragraph © of the definition of "major source of air pollution" in Chapter 62-213, F.A.C., and the emissions unit addressed in this section commenced (or will commence) construction after February 8, 1988. If so, baseline emissions are zero, and emissions unit consumes increment.
-] The facility addressed in this application is classified as an EPA major source, and the emissions unit began initial operation after February 8, 1988, but before March 28, 1988. If so, baseline emissions are zero, and emissions unit consumes increment.
-] For any facility, the emissions unit began (or will begin) initial operation after March 28, 1988. If so, baseline emissions are zero, and emissions unit consumes increment.
-] None of the above apply. If so, the baseline emissions of the emissions unit are nonzero. In such case, additional analysis, beyond the scope of this application, is needed to determine whether changes in emissions have occurred (or will occur) after the baseline date that may consume or expand increment.

3. Increment Consuming/Expanding Code:			
PM	<input type="checkbox"/>] C	<input type="checkbox"/>] E	<input checked="" type="checkbox"/>] No
SO2	<input type="checkbox"/>] C	<input type="checkbox"/>] E	<input checked="" type="checkbox"/>] No
NO2	<input type="checkbox"/>] C	<input type="checkbox"/>] E	<input checked="" type="checkbox"/>] No
4. Baseline Emissions: (for diesel generator only)			
PM	lb/hour		tons/year
SO2	lb/hour		tons/year
NO2	lb/hour		tons/year
CO	lb/hr		tons/year
HC	lb/hr		tons/year
5. PSD Comment:			

EMISSIONS UNIT SUPPLEMENTAL INFORMATION

This subsection of the Application for Air Permit form provides supplemental information related to the emissions unit addressed in this Emissions Unit Information Section. Supplemental information must be submitted as an attachment to each copy of the form, in hard-copy or computer-readable form.

Supplemental Requirements for All Applications

1. Process Flow Diagram <input checked="" type="checkbox"/> Attached, Document ID: <u>III</u> <input type="checkbox"/> Not Applicable <input type="checkbox"/> Waiver Requested
2. Fuel Analysis or Specification <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable <input type="checkbox"/> Waiver Requested
3. Detailed Description of Control Equipment <input checked="" type="checkbox"/> Attached, Document ID: <u>VI</u> <input type="checkbox"/> Not Applicable <input type="checkbox"/> Waiver Requested
4. Description of Stack Sampling Facilities <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable <input type="checkbox"/> Waiver Requested
5. Compliance Test Report <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Previously submitted, Date: _____ <input checked="" type="checkbox"/> Not Applicable
6. Procedures for Startup and Shutdown <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
7. Operation and Maintenance Plan <input checked="" type="checkbox"/> Attached, Document ID: <u>VII</u> <input type="checkbox"/> Not Applicable
8. Supplemental Information for Construction Permit Application <input checked="" type="checkbox"/> Attached, Document ID: <u>V</u> <input type="checkbox"/> Not Applicable
9. Other Information Required by Rule or Statute <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable

Additional Supplemental Requirements for Category I Applications Only

10. Alternative Methods of Operation <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
11. Alternative Modes of Operation (Emissions Trading) <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
12. Enhanced Monitoring Plan <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
13. Identification of Additional Applicable Requirements <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
14. Acid Rain Application (Hard-copy Required) <input type="checkbox"/> Acid Rain Part - Phase II (Form No. 62-210.900(1)(a)) Attached, Document ID: _____ <input type="checkbox"/> Repowering Extension Plan (Form No. 62-210.900(1)(a)1.) Attached, Document ID: _____ <input type="checkbox"/> New Unit Exemption (Form No. 62-210.900(1)(a)2.) Attached, Document ID: _____ <input type="checkbox"/> Retired Unit Exemption (Form No. 62-210.900(1)(a)3.) Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable

EMISSION POINT No. 6

**4' x 60'
OVERSIZE BELT**

III. EMISSIONS UNIT INFORMATION

A separate Emissions Unit Information Section (including subsections A through I as required) must be completed for each emissions unit addressed in this Application for Air Permit. If submitting the application form in hard copy, indicate, in the space provided at the top of each page, the number of this Emissions Unit Information Section and the total number of Emissions Unit Information Sections submitted as part of this application.

A. GENERAL EMISSIONS UNIT INFORMATION

This subsection of the Application for Air Permit form provides general information on the emissions unit addressed in this Emissions Unit Information Section, including information on the type, control equipment, operating capacity, and operating schedule of the emissions unit.

Type of Emissions Unit Addressed in This Section

Check one:

- This Emissions Unit Information Section addresses, as a single emissions unit, a single process or production unit, or activity, which produces one or more air pollutants and which has at least one definable emission point (stack or vent).
- This Emissions Unit Information Section addresses, as a single emissions unit, an individually-regulated emission point (stack or vent) serving a single process or production unit, or activity, which also has other individually-regulated emission points.
- This Emissions Unit Information Section addresses, as a single emissions unit, a collectively-regulated group of process or production units and activities which has at least one definable emission point (stack or vent) but may also produce fugitive emissions.
- This Emissions Unit Information Section addresses, as a single emissions unit, one or more process or production units and activities which produce fugitive emissions only.

Emissions Unit Description and Status

<p>1. Description of Emissions Unit Addressed in This Section:</p> <p>Cedarapids, Inc. - Oversize Belt (4' x 60') utilized to transfer oversize aggregates from Cedarapids, Inc. - Triple Deck Screener to Cedarapids, Inc. - secondary Impact Crushing Unit.</p>		
<p>2. ARMS Identification Number: <input type="checkbox"/> No Corresponding ID <input checked="" type="checkbox"/> Unknown</p>		
<p>3. Emissions Unit Status Code: C</p>	<p>4. Acid Rain Unit? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>5. Emissions Unit Major Group SIC Code: 14</p>
<p>6. Initial Startup Date (DD-MON-YYYY): Unknown</p>		
<p>7. Long-term Reserve Shutdown Date (DD-MON-YYYY): NA</p>		
<p>8. Package Unit: 4' x 60' Oversize Belt Manufacturer: Cedarapids, Inc. Model Number: 4x60</p>		
<p>9. Generator Nameplate Rating:</p>		
<p>10. Incinerator Information: Dwell Temperature: Dwell Time: Incinerator Temperature :</p>		
<p>11. Emissions Unit Comment: Cedarapids, Inc. - Oversize Belt (4' x 60') utilized to transfer oversize aggregates from Cedarapids, Inc. - Triple Deck Screener to Cedarapids, Inc. - secondary Impact Crushing Unit. If any emissions generated they will be fugitive.</p>		

Emissions Unit Control Equipment

A.

1. Description: Cedarapids, Inc. - Oversize Belt (4' x 60') utilized to transfer oversize aggregates from Cedarapids, Inc. - Triple Deck Screener to Cedarapids, Inc. - secondary Impact Crushing Unit. Material is dampened by a water supression system at triple deck screening device. Material is also dampened in it's stockpile before crushing as to control emissions during crushing and conveying processes.
2. Control Device or Method Code: 061, 062, 099

B.

1. Description:
2. Control Device or Method Code:

C.

1. Description:
2. Control Device or Method Code:

Emissions Unit Operating Capacity

1. Maximum Heat Input Rate: None
2. Maximum Incineration Rate:
3. Maximum Process or Throughput Rate: 200 ton/hr as crushed reclaimed concrete or asphalt material.
4. Maximum Production Rate: 200 ton/hr as crushed reclaimed concrete or asphalt material.
5. Operating Capacity Comment: 4' x 60' Oversize Belt - 200 ton/hr as crushed reclaimed concrete or asphalt material. Oversize Material is transferred from Cedarapids Triple Deck Screener to Cedarapids Impact Crusher. No specific amount of oversized material is sent back to the secondary Impact Crusher, the amount varies at all times.

Emissions Unit Operating Schedule

Requested Maximum Operating Schedule:		
	10 hours/day	6 days/week
	52 weeks/year	3120 hours/year

B. EMISSIONS UNIT REGULATIONS

Depending on the application category, this subsection of the Application for Air Permit form provides either a brief analysis or detailed listing of all federal, state, and local regulations applicable to the emissions unit addressed in this Emissions Unit Information Section.

Rule Applicability Analysis (Required for Category II applications and Category III applications involving non Title-V sources. See Instructions.)

This facility will be subject to 40 CFR, Part 60, subpart 000 rules and regulations.

List of Applicable Regulations (Required for Category I applications and Category III applications involving Title-V sources. See Instructions.)

62-212.200(56) FAC	
62-296.800 FAC	
40 CFR 60, Subpart 000	
62-296.310 (2) FAC	
62-297 FAC	
62-297.340 FAC	
62-210.350 FAC	
Chapter 84-446, Section 3(12) FS	
62-296.320 FAC	
62-296.310(3) FAC	
40 CFR 60.11 (d)	
62-4 FAC	
62-210	

C. EMISSION POINT (STACK/VENT) INFORMATION

This subsection of the Application for Air Permit form provides information about the emission point associated with the emissions unit addressed in this Emissions Unit Information Section. An emission point is typically a stack or vent but can be any identifiable location at which air pollutants, including fugitive emissions, are discharged into the atmosphere.

Emission Point Description and Type

1. Identification of Point on Plot Plan or Flow Diagram: 4' x 60' Oversize Belt (Drop Point from Screener to belt)
2. Emission Point Type Code: <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input checked="" type="checkbox"/> 4
3. Descriptions of Emissions Points Comprising this Emissions Unit: Not Applicable
4. ID Numbers or Descriptions of Emission Units with this Emission Point in Common: NA
5. Discharge Type Code: <input type="checkbox"/> D <input checked="" type="checkbox"/> F <input type="checkbox"/> H <input type="checkbox"/> P <input type="checkbox"/> R <input type="checkbox"/> V <input type="checkbox"/> W
6. Stack Height: 0 feet
7. Exit Diameter: Not Applicable
8. Exit Temperature:
9. Actual Volumetric Flow Rate:

Emissions Unit Information Section 6 of 14 .

10. Percent Water Vapor: 4-6 %
11. Maximum Dry Standard Flow Rate:
12. Nonstack Emission Point Height: ~ 5 feet
13. Emission Point UTM Coordinates: Zone: 17 East (km): 759.9 North (km): 3152.6
14. Emission Point Comment: Emissions Point will be fugitive only, if any at all.

D. SEGMENT (PROCESS/FUEL) INFORMATION

For the emissions unit addressed in this Emissions Unit Information Section, a separate set of segment data (Fields 1-10) must be completed for each segment required to be reported and for each alternative operating method or mode (emissions trading scenario) under Chapter 62-213, F.A.C., for which the maximum hourly or annual segment-related rate would vary. A segment is a material handling, process, fuel burning, volatile organic liquid storage, production, or other such operation to which emissions of the unit are directly related. See instructions for further details on this subsection of the Application for Air Permit.

1. Segment Description (Process/Fuel Type and Associated Operating Method/Mode): Material Handling - Cedarapids, Inc. - Oversize Belt (4' x 60') utilized to transfer oversize aggregates from Cedarapids, Inc. - Triple Deck Screener to Cedarapids, Inc. - secondary Impact Crushing Unit.	
2. Source Classification Code (SCC): 1421	
3. SCC Units: tons of material conveyed	
4. Maximum Hourly Rate: 200 ton/hr	5. Maximum Annual Rate: 624,000 ton/yr
6. Estimated Annual Activity Factor: NA	
7. Maximum Percent Sulfur:	8. Maximum Percent Ash:
9. Million Btu per SCC Unit:	
10. Segment Comment:	

1. Segment Description (Process/Fuel Type and Associated Operating Method/Mode): <p style="text-align: center;">Not Applicable</p>	
2. Source Classification Code (SCC):	
3. SCC Units:	
4. Maximum Hourly Rate:	5. Maximum Annual Rate:
6. Estimated Annual Activity Factor:	
7. Maximum Percent Sulfur:	8. Maximum Percent Ash:
9. Million Btu per SCC Unit:	
10. Segment Comment:	

E. POLLUTANT INFORMATION

For the emissions unit addressed in this Emissions Unit Information Section, a separate set of pollutant information must be completed for each pollutant required to be reported. See instructions for further details on this subsection of the Application for Air Permit.

Pollutant Potential/Estimated Emissions: Pollutant 1 of 5

1. Pollutant Emitted: PM10		
2. Total Percent Efficiency of Control: 90 %		
3. Primary Control Device Code: 061, 062, and 099		
4. Secondary Control Device Code: NA		
5. Potential Emissions:	0.10 lb/hr	0.15 ton/yr
6. Synthetically Limited? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
7. Range of Estimated Fugitive/Other Emissions: <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <u>0</u> to <u>0</u> tons/year		
8. Emission Factor: 0.00048 lbs/ton Reference: AP-42		
9. Emissions Method Code: <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5		
10. Calculation of Emissions: $PM10_{\text{yearly}} = [(200 \text{ ton/hr})(3120 \text{ hr/yr})(0.00048 \text{ lb/ton})] / 2000 \text{ lb/ton} = 0.15 \text{ ton/yr}$ $PM10_{\text{hourly}} = (200 \text{ ton/hr})(0.00048 \text{ lb/ton}) = 0.10 \text{ lb/hr}$		
11. Pollutant Potential/Estimated Emissions Comment:		

E. POLLUTANT INFORMATION

For the emissions unit addressed in this Emissions Unit Information Section, a separate set of pollutant information must be completed for each pollutant required to be reported. See instructions for further details on this subsection of the Application for Air Permit.

Pollutant Potential/Estimated Emissions: Pollutant _____ of _____

1. Pollutant Emitted:		
2. Total Percent Efficiency of Control:		
3. Primary Control Device Code:		
4. Secondary Control Device Code:		
5. Potential Emissions:	lb/hour	tons/year
6. Synthetically Limited? <input type="checkbox"/> Yes <input type="checkbox"/> No		
7. Range of Estimated Fugitive/Other Emissions: <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <u>0</u> to <u>0</u> tons/year		
8. Emission Factor: Reference:		
9. Emissions Method Code: <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5		
10. Calculation of Emissions:		
11. Pollutant Potential/Estimated Emissions Comment:		

F. VISIBLE EMISSIONS INFORMATION

This subsection of the Application for Air Permit form must be completed for only those emissions units which are subject to a visible emissions limitation. The intent of this subsection of the form is to identify each activity associated with the emissions unit addressed in this section for which a separate opacity limitation would be applicable. Visible emission subtype codes for each such activity are listed in the instructions for Field

1. Most emissions units will be subject to a "subtype VE" limit only.

Visible Emissions Limitation: Visible Emissions Limitation 1 of 1

1. Visible Emissions Subtype:	VE	
2. Basis for Allowable Opacity:	<input checked="" type="checkbox"/> Rule	<input type="checkbox"/> Other
3. Requested Allowable Opacity:	Normal Conditions: 10 % Exceptional Conditions: 10 % Maximum Period of Excess Opacity Allowed: 0 min/hour	
4. Method of Compliance:	Annual EPA Method 9 visible emissions compliance testing.	
5. Visible Emissions Comment:		

G. CONTINUOUS MONITOR INFORMATION

This subsection of the Application for Air Permit form must be completed for only those emissions units which are required by rule or permit to install and operate one or more continuous emission, opacity, flow, or other type monitors. A separate set of continuous monitor information (Fields 1-6) must be completed for each monitoring system required.

Continuous Monitoring System:

1. Parameter Code:	NOT APPLICABLE	
2. CMS Requirement:	<input type="checkbox"/> Rule	<input type="checkbox"/> Other
3. Monitor Information:		
Manufacturer:		
Model Number:	Serial Number:	
4. Installation Date (DD-MON-YYYY):		
5. Performance Specification Test Date (DD-MON-YYYY):		
6. Continuous Monitor Comment:		

H. PREVENTION OF SIGNIFICANT DETERIORATION (PSD) INCREMENT TRACKING INFORMATION

This subsection of the Application for Air Permit form must be completed for all applications, not just those undergoing prevention-of-significant-deterioration (PSD) review pursuant to Rule 62-212.400, F.A.C. The intent of this subsection is to make a preliminary determination as to whether the emissions unit addressed in this Emissions Unit Information Section consumes PSD increment. PSD increment is consumed (or expanded) as a result of emission increases (decreases) occurring after pollutant-specific baseline dates. Pollutants for which baseline dates have been established are sulfur dioxide, particulate matter, and nitrogen dioxide.

PSD Increment Consumption Determination

1. Increment Consuming for Particulate Matter or Sulfur Dioxide?

If the emissions unit addressed in this section emits particulate matter or sulfur dioxide, answer the following series of questions to make a preliminary determination as to whether or not the emissions unit consumes PSD increment for particulate matter or sulfur dioxide. Check the first statement, if any, that applies and skip remaining statements.

-] The emissions unit is undergoing PSD review as part of this application, or has undergone PSD review previously, for particulate matter or sulfur dioxide. If so, emissions unit consumes increment.

-] The facility addressed in this application is classified as an EPA major source pursuant to paragraph © of the definition of "major source of air pollution" in Chapter 62-213, F.A.C., and the emissions unit addressed in this section commenced (or will commence) construction after January 6, 1975. If so, baseline emissions are zero, and emissions unit consumes increment.

-] The facility addressed in this application is classified as an EPA major source, and the emissions unit began initial operation after January 6, 1975, but before December 27, 1977. If so, baseline emissions are zero, and emissions unit consumes increment.

-] For any facility, the emissions unit began (or will begin) initial operation after December 27, 1977. If so, baseline emissions are zero, and emissions unit consumes increment.

-] None of the above apply. If so, the baseline emissions of the emissions unit are nonzero. In such case, additional analysis, beyond the scope of this application, is needed to determine whether changes in emissions have occurred (or will occur) after the baseline date that may consume or expand increment.

2. Increment Consuming for Nitrogen Dioxide?

If the emissions unit addressed in this section emits nitrogen oxides, answer the following series of questions to make a preliminary determination as to whether or not the emissions unit consumes PSD increment for nitrogen dioxide. Check first statement, if any, that applies and skip remaining statements.

-] The emissions unit addressed in this section is undergoing PSD review as part of this application, or has undergone PSD review previously, for nitrogen dioxide. If so, emissions unit consumes increment.
-] The facility addressed in this application is classified as an EPA major source pursuant to paragraph © of the definition of "major source of air pollution" in Chapter 62-213, F.A.C., and the emissions unit addressed in this section commenced (or will commence) construction after February 8, 1988. If so, baseline emissions are zero, and emissions unit consumes increment.
-] The facility addressed in this application is classified as an EPA major source, and the emissions unit began initial operation after February 8, 1988, but before March 28, 1988. If so, baseline emissions are zero, and emissions unit consumes increment.
-] For any facility, the emissions unit began (or will begin) initial operation after March 28, 1988. If so, baseline emissions are zero, and emissions unit consumes increment.
-] None of the above apply. If so, the baseline emissions of the emissions unit are nonzero. In such case, additional analysis, beyond the scope of this application, is needed to determine whether changes in emissions have occurred (or will occur) after the baseline date that may consume or expand increment.

3. Increment Consuming/Expanding Code:			
PM	<input type="checkbox"/>] C	<input type="checkbox"/>] E	<input checked="" type="checkbox"/>] No
SO2	<input type="checkbox"/>] C	<input type="checkbox"/>] E	<input checked="" type="checkbox"/>] No
NO2	<input type="checkbox"/>] C	<input type="checkbox"/>] E	<input checked="" type="checkbox"/>] No
4. Baseline Emissions: (for diesel generator only)			
PM	lb/hour	tons/year	
SO2	lb/hour	tons/year	
NO2	lb/hour	tons/year	
CO	lb/hr	tons/year	
HC	lb/hr	tons/year	
5. PSD Comment:			

EMISSIONS UNIT SUPPLEMENTAL INFORMATION

This subsection of the Application for Air Permit form provides supplemental information related to the emissions unit addressed in this Emissions Unit Information Section. Supplemental information must be submitted as an attachment to each copy of the form, in hard-copy or computer-readable form.

Supplemental Requirements for All Applications

1. Process Flow Diagram <input checked="" type="checkbox"/> Attached, Document ID: <u>III</u> [] Not Applicable [] Waiver Requested
2. Fuel Analysis or Specification [] Attached, Document ID: _____ [X] Not Applicable [] Waiver Requested
3. Detailed Description of Control Equipment <input checked="" type="checkbox"/> Attached, Document ID: <u>VI</u> [] Not Applicable [] Waiver Requested
4. Description of Stack Sampling Facilities [] Attached, Document ID: _____ [X] Not Applicable [] Waiver Requested
5. Compliance Test Report [] Attached, Document ID: _____ [] Previously submitted, Date: _____ <input checked="" type="checkbox"/> Not Applicable
6. Procedures for Startup and Shutdown [] Attached, Document ID: _____ [X] Not Applicable
7. Operation and Maintenance Plan <input checked="" type="checkbox"/> Attached, Document ID: <u>VII</u> [] Not Applicable
8. Supplemental Information for Construction Permit Application <input checked="" type="checkbox"/> Attached, Document ID: <u>V</u> [] Not Applicable
9. Other Information Required by Rule or Statute [] Attached, Document ID: _____ [X] Not Applicable

Additional Supplemental Requirements for Category I Applications Only

10. Alternative Methods of Operation <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
11. Alternative Modes of Operation (Emissions Trading) <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
12. Enhanced Monitoring Plan <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
13. Identification of Additional Applicable Requirements <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
14. Acid Rain Application (Hard-copy Required) <input type="checkbox"/> Acid Rain Part - Phase II (Form No. 62-210.900(1)(a)) Attached, Document ID: _____ <input type="checkbox"/> Repowering Extension Plan (Form No. 62-210.900(1)(a)1.) Attached, Document ID: _____ <input type="checkbox"/> New Unit Exemption (Form No. 62-210.900(1)(a)2.) Attached, Document ID: _____ <input type="checkbox"/> Retired Unit Exemption (Form No. 62-210.900(1)(a)3.) Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable

EMISSIONS POINT No.7

**4' x 65'
MATERIAL CONVEYOR**

III. EMISSIONS UNIT INFORMATION

A separate Emissions Unit Information Section (including subsections A through I as required) must be completed for each emissions unit addressed in this Application for Air Permit. If submitting the application form in hard copy, indicate, in the space provided at the top of each page, the number of this Emissions Unit Information Section and the total number of Emissions Unit Information Sections submitted as part of this application.

A. GENERAL EMISSIONS UNIT INFORMATION

This subsection of the Application for Air Permit form provides general information on the emissions unit addressed in this Emissions Unit Information Section, including information on the type, control equipment, operating capacity, and operating schedule of the emissions unit.

Type of Emissions Unit Addressed in This Section

Check one:

- This Emissions Unit Information Section addresses, as a single emissions unit, a single process or production unit, or activity, which produces one or more air pollutants and which has at least one definable emission point (stack or vent).
- This Emissions Unit Information Section addresses, as a single emissions unit, an individually-regulated emission point (stack or vent) serving a single process or production unit, or activity, which also has other individually-regulated emission points.
- This Emissions Unit Information Section addresses, as a single emissions unit, a collectively-regulated group of process or production units and activities which has at least one definable emission point (stack or vent) but may also produce fugitive emissions.
- This Emissions Unit Information Section addresses, as a single emissions unit, one or more process or production units and activities which produce fugitive emissions only.

Emissions Unit Description and Status

<p>1. Description of Emissions Unit Addressed in This Section:</p> <p>Cedarapids, Inc. - Material Conveyor (4 x 65') Utilized to convey crushed aggregates Cedarapids, Inc. - Secondary Impact Crusher back to Cedarapids Triple Deck Screener.</p>		
<p>2. ARMS Identification Number: <input type="checkbox"/> No Corresponding ID <input checked="" type="checkbox"/> Unknown</p>		
<p>3. Emissions Unit Status Code: C</p>	<p>4. Acid Rain Unit? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>5. Emissions Unit Major Group SIC Code: 14</p>
<p>6. Initial Startup Date (DD-MON-YYYY): Unknown</p>		
<p>7. Long-term Reserve Shutdown Date (DD-MON-YYYY): NA</p>		
<p>8. Package Unit: 4' x 65' Material Conveyor Manufacturer: Cedarapids, Inc. Model Number: 4x65</p>		
<p>9. Generator Nameplate Rating:</p>		
<p>10. Incinerator Information: Dwell Temperature: Dwell Time: Incinerator Temperature :</p>		
<p>11. Emissions Unit Comment: Cedarapids, Inc. - Material Conveyor (4 x 65') Utilized to convey crushed aggregates Cedarapids, Inc. - Secondary Impact Crusher back to Cedarapids Triple Deck Screener. Any emissions generated during this process will be fugitive.</p>		

Emissions Unit Control Equipment

A.

1. Description: Cedarapids, Inc. - Material Conveyor (4 x 65') Utilized to convey crushed aggregates Cedarapids, Inc. - Secondary Impact Crusher back to Cedarapids Triple Deck Screener. Material is dampened by a water suppression system as it enters the secondary impact crusher thus making material damp as it travels back to triple deck screener where it is again dampened. Uncrushed material is also dampened in its stockpile as to control any emissions generated through the entire crushing, screening and conveying process.
2. Control Device or Method Code: 061, 062, 099

B.

1. Description:
2. Control Device or Method Code:

C.

1. Description:
2. Control Device or Method Code:

Emissions Unit Operating Capacity

1. Maximum Heat Input Rate: None
2. Maximum Incineration Rate:
3. Maximum Process or Throughput Rate: ~ 200 ton/hr as crushed reclaimed concrete or asphalt material (***dependent on material characteristics).
4. Maximum Production Rate: ~ 200 ton/hr as crushed reclaimed concrete or asphalt material.
5. Operating Capacity Comment: *** Material characteristics consist of moisture, size and hardness.

Emissions Unit Operating Schedule

Requested Maximum Operating Schedule:		
	10 hours/day	6 days/week
	52 weeks/year	3120 hours/year

B. EMISSIONS UNIT REGULATIONS

Depending on the application category, this subsection of the Application for Air Permit form provides either a brief analysis or detailed listing of all federal, state, and local regulations applicable to the emissions unit addressed in this Emissions Unit Information Section.

Rule Applicability Analysis (Required for Category II applications and Category III applications involving non Title-V sources. See Instructions.)

This facility will be subject to 40 CFR, Part 60, subpart 000 rules and regulations.

List of Applicable Regulations (Required for Category I applications and Category III applications involving Title-V sources. See Instructions.)

62-212.200(56) FAC	
62-296.800 FAC	
40 CFR 60, Subpart 000	
62-296.310 (2) FAC	
62-297 FAC	
62-297.340 FAC	
62-210.350 FAC	
Chapter 84-446, Section 3(12) FS	
62-296.320 FAC	
62-296.310(3) FAC	
40 CFR 60.11 (d)	
62-4 FAC	
62-210	

C. EMISSION POINT (STACK/VENT) INFORMATION

This subsection of the Application for Air Permit form provides information about the emission point associated with the emissions unit addressed in this Emissions Unit Information Section. An emission point is typically a stack or vent but can be any identifiable location at which air pollutants, including fugitive emissions, are discharged into the atmosphere.

Emission Point Description and Type

1. Identification of Point on Plot Plan or Flow Diagram: 4' x 65' Material Conveyor (Drop Point exit from secondary crusher)
2. Emission Point Type Code: <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input checked="" type="checkbox"/> 4
3. Descriptions of Emissions Points Comprising this Emissions Unit: Not Applicable
4. ID Numbers or Descriptions of Emission Units with this Emission Point in Common: NA
5. Discharge Type Code: <input type="checkbox"/> D <input checked="" type="checkbox"/> F <input type="checkbox"/> H <input type="checkbox"/> P <input type="checkbox"/> R <input type="checkbox"/> V <input type="checkbox"/> W
6. Stack Height: ~ 0 feet
7. Exit Diameter: Not Applicable
8. Exit Temperature:
9. Actual Volumetric Flow Rate:

10. Percent Water Vapor:
11. Maximum Dry Standard Flow Rate:
12. Nonstack Emission Point Height: ~5 feet
13. Emission Point UTM Coordinates: Zone: 17 East (km): 759.9 North (km): 3152.6
14. Emission Point Comment: Emissions Point will be fugitive only, if any at all.

D. SEGMENT (PROCESS/FUEL) INFORMATION

For the emissions unit addressed in this Emissions Unit Information Section, a separate set of segment data (Fields 1-10) must be completed for each segment required to be reported and for each alternative operating method or mode (emissions trading scenario) under Chapter 62-213, F.A.C., for which the maximum hourly or annual segment-related rate would vary. A segment is a material handling, process, fuel burning, volatile organic liquid storage, production, or other such operation to which emissions of the unit are directly related. See instructions for further details on this subsection of the Application for Air Permit.

1. Segment Description (Process/Fuel Type and Associated Operating Method/Mode): Material Handling - Cedarapids, Inc. - Material Conveyor (4 x 65') Utilized to convey crushed aggregates Cedarapids, Inc. - Secondary Impact Crusher back to Cedarapids Triple Deck Screener.	
2. Source Classification Code (SCC): 1421	
3. SCC Units: tons of material conveyed per hour	
4. Maximum Hourly Rate: 200 ton/hr	5. Maximum Annual Rate: 624,000 ton/yr
6. Estimated Annual Activity Factor: NA	
7. Maximum Percent Sulfur:	8. Maximum Percent Ash:
9. Million Btu per SCC Unit:	
10. Segment Comment:	

1. Segment Description (Process/Fuel Type and Associated Operating Method/Mode): <p style="text-align: center;">Not Applicable</p>	
2. Source Classification Code (SCC):	
3. SCC Units:	
4. Maximum Hourly Rate:	5. Maximum Annual Rate:
6. Estimated Annual Activity Factor:	
7. Maximum Percent Sulfur:	8. Maximum Percent Ash:
9. Million Btu per SCC Unit:	
10. Segment Comment:	

E. POLLUTANT INFORMATION

For the emissions unit addressed in this Emissions Unit Information Section, a separate set of pollutant information must be completed for each pollutant required to be reported. See instructions for further details on this subsection of the Application for Air Permit.

Pollutant Potential/Estimated Emissions: Pollutant 1 of 5

1. Pollutant Emitted: PM10		
2. Total Percent Efficiency of Control: 90 %		
3. Primary Control Device Code: 061, 062, and 099		
4. Secondary Control Device Code: NA		
5. Potential Emissions:	0.10 lb/hr	0.15 ton/yr
6. Synthetically Limited? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
7. Range of Estimated Fugitive/Other Emissions: <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <u> 0 </u> to <u> 0 </u> tons/year		
8. Emission Factor: 0.00048 lbs/ton Reference: AP-42		
9. Emissions Method Code: <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5		
10. Calculation of Emissions: PM10_{yearly} = [(200 ton/hr)(3120 hr/yr)(0.00048 lb/ton)] / 2000 lb/ton = 0.15 ton/yr PM10_{hourly} = (200 ton/hr)(0.00048 lb/ton) = 0.10 lb/hr		
11. Pollutant Potential/Estimated Emissions Comment:		

E. POLLUTANT INFORMATION

For the emissions unit addressed in this Emissions Unit Information Section, a separate set of pollutant information must be completed for each pollutant required to be reported. See instructions for further details on this subsection of the Application for Air Permit.

Pollutant Potential/Estimated Emissions: Pollutant _____ of _____

1. Pollutant Emitted:		
2. Total Percent Efficiency of Control:		
3. Primary Control Device Code:		
4. Secondary Control Device Code:		
5. Potential Emissions:	lb/hour	tons/year
6. Synthetically Limited? <input type="checkbox"/> Yes <input type="checkbox"/> No		
7. Range of Estimated Fugitive/Other Emissions: <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <u> 0 </u> to <u> 0 </u> tons/year		
8. Emission Factor: Reference:		
9. Emissions Method Code: <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5		
10. Calculation of Emissions:		
11. Pollutant Potential/Estimated Emissions Comment:		

F. VISIBLE EMISSIONS INFORMATION

This subsection of the Application for Air Permit form must be completed for only those emissions units which are subject to a visible emissions limitation. The intent of this subsection of the form is to identify each activity associated with the emissions unit addressed in this section for which a separate opacity limitation would be applicable. Visible emission subtype codes for each such activity are listed in the instructions for Field

1. Most emissions units will be subject to a "subtype VE" limit only.

Visible Emissions Limitation: Visible Emissions Limitation 1 of 1

1. Visible Emissions Subtype:	VE	
2. Basis for Allowable Opacity:	<input checked="" type="checkbox"/> Rule	<input type="checkbox"/> Other
3. Requested Allowable Opacity:	Normal Conditions: 10 % Exceptional Conditions: 10 % Maximum Period of Excess Opacity Allowed: 0 min/hour	
4. Method of Compliance:	Annual EPA Method 9 visible emissions compliance testing.	
5. Visible Emissions Comment:		

G. CONTINUOUS MONITOR INFORMATION

This subsection of the Application for Air Permit form must be completed for only those emissions units which are required by rule or permit to install and operate one or more continuous emission, opacity, flow, or other type monitors. A separate set of continuous monitor information (Fields 1-6) must be completed for each monitoring system required.

Continuous Monitoring System:

1. Parameter Code:	NOT APPLICABLE	
2. CMS Requirement:	[] Rule	[] Other
3. Monitor Information:		
Manufacturer:		
Model Number:	Serial Number:	
4. Installation Date (DD-MON-YYYY):		
5. Performance Specification Test Date (DD-MON-YYYY):		
6. Continuous Monitor Comment:		

**H. PREVENTION OF SIGNIFICANT DETERIORATION (PSD) INCREMENT
TRACKING INFORMATION**

This subsection of the Application for Air Permit form must be completed for all applications, not just those undergoing prevention-of-significant-deterioration (PSD) review pursuant to Rule 62-212.400, F.A.C. The intent of this subsection is to make a preliminary determination as to whether the emissions unit addressed in this Emissions Unit Information Section consumes PSD increment. PSD increment is consumed (or expanded) as a result of emission increases (decreases) occurring after pollutant-specific baseline dates. Pollutants for which baseline dates have been established are sulfur dioxide, particulate matter, and nitrogen dioxide.

PSD Increment Consumption Determination

1. Increment Consuming for Particulate Matter or Sulfur Dioxide?

If the emissions unit addressed in this section emits particulate matter or sulfur dioxide, answer the following series of questions to make a preliminary determination as to whether or not the emissions unit consumes PSD increment for particulate matter or sulfur dioxide. Check the first statement, if any, that applies and skip remaining statements.

-] The emissions unit is undergoing PSD review as part of this application, or has undergone PSD review previously, for particulate matter or sulfur dioxide. If so, emissions unit consumes increment.

-] The facility addressed in this application is classified as an EPA major source pursuant to paragraph © of the definition of "major source of air pollution" in Chapter 62-213, F.A.C., and the emissions unit addressed in this section commenced (or will commence) construction after January 6, 1975. If so, baseline emissions are zero, and emissions unit consumes increment.

-] The facility addressed in this application is classified as an EPA major source, and the emissions unit began initial operation after January 6, 1975, but before December 27, 1977. If so, baseline emissions are zero, and emissions unit consumes increment.

-] For any facility, the emissions unit began (or will begin) initial operation after December 27, 1977. If so, baseline emissions are zero, and emissions unit consumes increment.

-] None of the above apply. If so, the baseline emissions of the emissions unit are nonzero. In such case, additional analysis, beyond the scope of this application, is needed to determine whether changes in emissions have occurred (or will occur) after the baseline date that may consume or expand increment.

Emissions Unit Information Section 7 of 14.

2. Increment Consuming for Nitrogen Dioxide?

If the emissions unit addressed in this section emits nitrogen oxides, answer the following series of questions to make a preliminary determination as to whether or not the emissions unit consumes PSD increment for nitrogen dioxide. Check first statement, if any, that applies and skip remaining statements.

-] The emissions unit addressed in this section is undergoing PSD review as part of this application, or has undergone PSD review previously, for nitrogen dioxide. If so, emissions unit consumes increment.
-] The facility addressed in this application is classified as an EPA major source pursuant to paragraph © of the definition of "major source of air pollution" in Chapter 62-213, F.A.C., and the emissions unit addressed in this section commenced (or will commence) construction after February 8, 1988. If so, baseline emissions are zero, and emissions unit consumes increment.
-] The facility addressed in this application is classified as an EPA major source, and the emissions unit began initial operation after February 8, 1988, but before March 28, 1988. If so, baseline emissions are zero, and emissions unit consumes increment.
-] For any facility, the emissions unit began (or will begin) initial operation after March 28, 1988. If so, baseline emissions are zero, and emissions unit consumes increment.
-] None of the above apply. If so, the baseline emissions of the emissions unit are nonzero. In such case, additional analysis, beyond the scope of this application, is needed to determine whether changes in emissions have occurred (or will occur) after the baseline date that may consume or expand increment.

3. Increment Consuming/Expanding Code:			
PM	<input type="checkbox"/>] C	<input type="checkbox"/>] E	<input checked="" type="checkbox"/>] No
SO2	<input type="checkbox"/>] C	<input type="checkbox"/>] E	<input checked="" type="checkbox"/>] No
NO2	<input type="checkbox"/>] C	<input type="checkbox"/>] E	<input checked="" type="checkbox"/>] No
4. Baseline Emissions: (for diesel generator only)			
PM	lb/hour		tons/year
SO2	lb/hour		tons/year
NO2	lb/hour		tons/year
CO	lb/hr		tons/year
HC	lb/hr		tons/year
5. PSD Comment:			

EMISSIONS UNIT SUPPLEMENTAL INFORMATION

This subsection of the Application for Air Permit form provides supplemental information related to the emissions unit addressed in this Emissions Unit Information Section. Supplemental information must be submitted as an attachment to each copy of the form, in hard-copy or computer-readable form.

Supplemental Requirements for All Applications

1. Process Flow Diagram <input checked="" type="checkbox"/> Attached, Document ID: <u>III</u> <input type="checkbox"/> Not Applicable <input type="checkbox"/> Waiver Requested
2. Fuel Analysis or Specification <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable <input type="checkbox"/> Waiver Requested
3. Detailed Description of Control Equipment <input checked="" type="checkbox"/> Attached, Document ID: <u>VI</u> <input type="checkbox"/> Not Applicable <input type="checkbox"/> Waiver Requested
4. Description of Stack Sampling Facilities <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable <input type="checkbox"/> Waiver Requested
5. Compliance Test Report <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Previously submitted, Date: _____ <input checked="" type="checkbox"/> Not Applicable
6. Procedures for Startup and Shutdown <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
7. Operation and Maintenance Plan <input checked="" type="checkbox"/> Attached, Document ID: <u>VII</u> <input type="checkbox"/> Not Applicable
8. Supplemental Information for Construction Permit Application <input checked="" type="checkbox"/> Attached, Document ID: <u>V</u> <input type="checkbox"/> Not Applicable
9. Other Information Required by Rule or Statute <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable

Additional Supplemental Requirements for Category I Applications Only

10. Alternative Methods of Operation <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
11. Alternative Modes of Operation (Emissions Trading) <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
12. Enhanced Monitoring Plan <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
13. Identification of Additional Applicable Requirements <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
14. Acid Rain Application (Hard-copy Required) <input type="checkbox"/> Acid Rain Part - Phase II (Form No. 62-210.900(1)(a)) Attached, Document ID: _____ <input type="checkbox"/> Repowering Extension Plan (Form No. 62-210.900(1)(a)1.) Attached, Document ID: _____ <input type="checkbox"/> New Unit Exemption (Form No. 62-210.900(1)(a)2.) Attached, Document ID: _____ <input type="checkbox"/> Retired Unit Exemption (Form No. 62-210.900(1)(a)3.) Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable

EMISSIONS POINT No. 8

**4' x 90'
PORTABLE RADIAL
STACKING BELT**

III. EMISSIONS UNIT INFORMATION

A separate Emissions Unit Information Section (including subsections A through I as required) must be completed for each emissions unit addressed in this Application for Air Permit. If submitting the application form in hard copy, indicate, in the space provided at the top of each page, the number of this Emissions Unit Information Section and the total number of Emissions Unit Information Sections submitted as part of this application.

A. GENERAL EMISSIONS UNIT INFORMATION

This subsection of the Application for Air Permit form provides general information on the emissions unit addressed in this Emissions Unit Information Section, including information on the type, control equipment, operating capacity, and operating schedule of the emissions unit.

Type of Emissions Unit Addressed in This Section

Check one:

- This Emissions Unit Information Section addresses, as a single emissions unit, a single process or production unit, or activity, which produces one or more air pollutants and which has at least one definable emission point (stack or vent).
- This Emissions Unit Information Section addresses, as a single emissions unit, an individually-regulated emission point (stack or vent) serving a single process or production unit, or activity, which also has other individually-regulated emission points.
- This Emissions Unit Information Section addresses, as a single emissions unit, a collectively-regulated group of process or production units and activities which has at least one definable emission point (stack or vent) but may also produce fugitive emissions.
- This Emissions Unit Information Section addresses, as a single emissions unit, one or more process or production units and activities which produce fugitive emissions only.

Emissions Unit Information Section 8 of 14

Emissions Unit Description and Status

1. Description of Emissions Unit Addressed in This Section: Cerdarapids, Inc. - 4' x 90' Portable Radial Stacking Belt (Transfer Belt) - used to convey or stack finished aggregate in stockpiles or in trucks.		
2. ARMS Identification Number: <input type="checkbox"/> No Corresponding ID <input checked="" type="checkbox"/> Unknown		
3. Emissions Unit Status Code: C	4. Acid Rain Unit? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	5. Emissions Unit Major Group SIC Code: 14
6. Initial Startup Date (DD-MON-YYYY): Unknown		
7. Long-term Reserve Shutdown Date (DD-MON-YYYY): NA		
8. Package Unit: 4' x 90' Portable Radial Stacking Belt (Transfer Point) Manufacturer: Ceadarpids, Inc. Model Number: 4x90		
9. Generator Nameplate Rating: NA		
10. Incinerator Information: Dwell Temperature: Dwell Time: Incinerator Temperature :		
11. Emissions Unit Comment: 4' x 90' Portable Radial Stacking Belt - utilized to convey or stack finished product into stockpiles or trucks. Material dampened by a Water Spray Dust Suppression System several points throughout the crushing, screening and conveying system. In addition, all uncrushed material stockpiles are dampened as to control emissions in any of the above mentioned processes.		

Emissions Unit Control Equipment

A.

1. Description:

4' x 90' Portable Radial Stacking Belt - utilized to convey or stack finished product into stockpiles or trucks. Material dampened by a Water Spray Dust Suppression System several points throughout the crushing, screening and conveying system. In addition, all uncrushed material stockpiles are dampened as to control emissions in any of the above mentioned processes.

2. Control Device or Method Code: **061, 062 and 099**

B.

1. Description:

2. Control Device or Method Code:

C.

1. Description:

2. Control Device or Method Code:

Emissions Unit Operating Capacity

1. Maximum Heat Input Rate: NONE
2. Maximum Incineration Rate:
3. Maximum Process or Throughput Rate: ~ 200 ton/hr as crushed reclaimed concrete or asphalt material (dependent on material characteristics)
4. Maximum Production Rate: ~ 200 ton/hr as crushed reclaimed concrete or asphalt material (dependent on material characteristics).
5. Operating Capacity Comment: 4' x 90' Portable Radial Stacking Belt - utilized to convey or stack finished product into stockpiles or trucks. Material dampened by a Water Spray Dust Suppression System at triple deck screening device. A known amount of material is undeterminable from this belt as it carries one size of the aggregates that are separated at the triple deck screening device.

Emissions Unit Operating Schedule

Requested Maximum Operating Schedule:		
	10 hours/day	6 days/week
	52 weeks/year	3120 hours/year

B. EMISSIONS UNIT REGULATIONS

Depending on the application category, this subsection of the Application for Air Permit form provides either a brief analysis or detailed listing of all federal, state, and local regulations applicable to the emissions unit addressed in this Emissions Unit Information Section.

Rule Applicability Analysis (Required for Category II applications and Category III applications involving non Title-V sources. See Instructions.)

This facility will be subject to 40 CFR, Part 60, subpart 000 rules and regulations.

Emissions Unit Information Section 8 of 14

List of Applicable Regulations (Required for Category I applications and Category III applications involving Title-V sources. See Instructions.)

62-212.200(56) FAC	
62-296.800 FAC	
40 CFR 60, Subpart 000	
62-296.310 (2) FAC	
62-297 FAC	
62-297.340 FAC	
62-210.350 FAC	
Chapter 84-446, Section 3(12) FS	
62-296.320 FAC	
62-296.310(3) FAC	
40 CFR 60.11 (d)	
62-4 FAC	
62-210	

C. EMISSION POINT (STACK/VENT) INFORMATION

This subsection of the Application for Air Permit form provides information about the emission point associated with the emissions unit addressed in this Emissions Unit Information Section. An emission point is typically a stack or vent but can be any identifiable location at which air pollutants, including fugitive emissions, are discharged into the atmosphere.

Emission Point Description and Type

1. Identification of Point on Plot Plan or Flow Diagram: 4' x 90' Portable Radial Stacking Belt (Drop Point at belt end to stockpile)
2. Emission Point Type Code: <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input checked="" type="checkbox"/> 4
3. Descriptions of Emissions Points Comprising this Emissions Unit: NOT APPLICABLE
4. ID Numbers or Descriptions of Emission Units with this Emission Point in Common: NA
5. Discharge Type Code: <input type="checkbox"/> D <input checked="" type="checkbox"/> F <input type="checkbox"/> H <input type="checkbox"/> P <input type="checkbox"/> R <input type="checkbox"/> V <input type="checkbox"/> W
6. Stack Height: NOT APPLICABLE
7. Exit Diameter: .
8. Exit Temperature:
9. Actual Volumetric Flow Rate:

Emissions Unit Information Section 8 of 14

10. Percent Water Vapor: 4-6%
11. Maximum Dry Standard Flow Rate:
12. Nonstack Emission Point Height: variable feet
13. Emission Point UTM Coordinates: Zone: 17 East (km): 759.9 North (km): 3152.6
14. Emission Point Comment: Emissions Point will be fugitive only, if any emissions are generated at all.

D. SEGMENT (PROCESS/FUEL) INFORMATION

For the emissions unit addressed in this Emissions Unit Information Section, a separate set of segment data (Fields 1-10) must be completed for each segment required to be reported and for each alternative operating method or mode (emissions trading scenario) under Chapter 62-213, F.A.C., for which the maximum hourly or annual segment-related rate would vary. A segment is a material handling, process, fuel burning, volatile organic liquid storage, production, or other such operation to which emissions of the unit are directly related. See instructions for further details on this subsection of the Application for Air Permit.

1. Segment Description (Process/Fuel Type and Associated Operating Method/Mode):	
Material Handling - 4' x 90' Portable Radial Stacking Belt - utilized to convey or stack finished product into stockpiles or trucks. Material dampened by a Water Spray Dust Suppression System at triple deck screening device. A known amount of material is undeterminable from this belt as it carries one size of the aggregates that are separated at the triple deck screening device.	
2. Source Classification Code (SCC): 1421	
3. SCC Units: tons of material conveyed	
4. Maximum Hourly Rate: 200 ton/hr	5. Maximum Annual Rate: 624,000 ton/yr
6. Estimated Annual Activity Factor: NA	
7. Maximum Percent Sulfur:	8. Maximum Percent Ash:
9. Million Btu per SCC Unit:	
10. Segment Comment:	

Emissions Unit Information Section 8 of 14

1. Segment Description (Process/Fuel Type and Associated Operating Method/Mode): NOT APPLICABLE	
2. Source Classification Code (SCC):	
3. SCC Units:	
4. Maximum Hourly Rate:	5. Maximum Annual Rate:
6. Estimated Annual Activity Factor:	
7. Maximum Percent Sulfur:	8. Maximum Percent Ash:
9. Million Btu per SCC Unit:	
10. Segment Comment:	

Emissions Unit Information Section 8 of 14

E. POLLUTANT INFORMATION

For the emissions unit addressed in this Emissions Unit Information Section, a separate set of pollutant information must be completed for each pollutant required to be reported. See instructions for further details on this subsection of the Application for Air Permit.

Pollutant Potential/Estimated Emissions: Pollutant 1 **of** 1

1. Pollutant Emitted: PM10, TSP
2. Total Percent Efficiency of Control: 90 %
3. Primary Control Device Code: 061, 062 and 099
4. Secondary Control Device Code: NA
5. Potential Emissions: 0.10 lb/ton 0.15 ton/yr
6. Synthetically Limited? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
7. Range of Estimated Fugitive/Other Emissions: <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <u>0</u> to <u>0</u> tons/year
8. Emission Factor: 0.00048 lbs/ton Reference: AP-42
9. Emissions Method Code: <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input checked="" type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5
10. Calculation of Emissions: $PM10_{\text{yearly}} = [(200 \text{ ton/hr})(3120 \text{ hr/yr})(0.00048 \text{ lb/ton})] / 2000 \text{ lb/ton} = 0.15 \text{ ton/yr}$ $PM10_{\text{hourly}} = (200 \text{ ton/hr})(0.00048 \text{ lb/ton}) = 0.10 \text{ lb/hr}$
11. Pollutant Potential/Estimated Emissions Comment:

Emissions Unit Information Section 8 of 14

E. POLLUTANT INFORMATION

For the emissions unit addressed in this Emissions Unit Information Section, a separate set of pollutant information must be completed for each pollutant required to be reported. See instructions for further details on this subsection of the Application for Air Permit.

Pollutant Potential/Estimated Emissions: Pollutant _____ of _____

1. Pollutant Emitted:		
2. Total Percent Efficiency of Control:		
3. Primary Control Device Code:		
4. Secondary Control Device Code:		
5. Potential Emissions:	lb/hour	tons/year
6. Synthetically Limited? <input type="checkbox"/> Yes <input type="checkbox"/> No		
7. Range of Estimated Fugitive/Other Emissions: <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <u> 0 </u> to <u> 0 </u> tons/year		
8. Emission Factor: Reference:		
9. Emissions Method Code: <input type="checkbox"/> 1 <input checked="" type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5		
10. Calculation of Emissions:		
11. Pollutant Potential/Estimated Emissions Comment:		

Emissions Unit Information Section 8 of 14

Allowable Emissions

1. Basis for Allowable Emissions Code: This facility will be subject to 40 CFR, Part 60, subpart 000 rules and regulations.
2. Future Effective Date of Allowable Emissions: Initial Visible Emissions Compliance Test
3. Requested Allowable Emissions and Units: 10 % Opacity
4. Equivalent Allowable Emissions: tons/year
5. Method of Compliance: Annual EPA Method 9 Compliance testing.
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode):

1. Basis for Allowable Emissions Code
2. Future Effective Date of Allowable Emissions:
3. Requested Allowable Emissions and Units:
4. Equivalent Allowable Emissions: lb/hr tons/year
5. Method of Compliance:
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode):

F. VISIBLE EMISSIONS INFORMATION

This subsection of the Application for Air Permit form must be completed for only those emissions units which are subject to a visible emissions limitation. The intent of this subsection of the form is to identify each activity associated with the emissions unit addressed in this section for which a separate opacity limitation would be applicable. Visible emission subtype codes for each such activity are listed in the instructions for Field 1. Most emissions units will be subject to a "subtype VE" limit only.

Visible Emissions Limitation: Visible Emissions Limitation 1 of 1

1. Visible Emissions Subtype:	VE	
2. Basis for Allowable Opacity:	<input checked="" type="checkbox"/> Rule	<input type="checkbox"/> Other
3. Requested Allowable Opacity:	Normal Conditions: 10 % Exceptional Conditions: 10 % Maximum Period of Excess Opacity Allowed: 0 min/hour	
4. Method of Compliance:	Annual EPA Method 9 visible emission compliance testing.	
5. Visible Emissions Comment:		

G. CONTINUOUS MONITOR INFORMATION

This subsection of the Application for Air Permit form must be completed for only those emissions units which are required by rule or permit to install and operate one or more continuous emission, opacity, flow, or other type monitors. A separate set of continuous monitor information (Fields 1-6) must be completed for each monitoring system required.

Continuous Monitoring System:

1. Parameter Code:	NOT APPLICABLE	
2. CMS Requirement:	<input type="checkbox"/> Rule	<input type="checkbox"/> Other
3. Monitor Information:		
Manufacturer:		
Model Number:	Serial Number:	
4. Installation Date (DD-MON-YYYY):		
5. Performance Specification Test Date (DD-MON-YYYY):		
6. Continuous Monitor Comment:		

H. PREVENTION OF SIGNIFICANT DETERIORATION (PSD) INCREMENT TRACKING INFORMATION

This subsection of the Application for Air Permit form must be completed for all applications, not just those undergoing prevention-of-significant-deterioration (PSD) review pursuant to Rule 62-212.400, F.A.C. The intent of this subsection is to make a preliminary determination as to whether the emissions unit addressed in this Emissions Unit Information Section consumes PSD increment. PSD increment is consumed (or expanded) as a result of emission increases (decreases) occurring after pollutant-specific baseline dates. Pollutants for which baseline dates have been established are sulfur dioxide, particulate matter, and nitrogen dioxide.

PSD Increment Consumption Determination

1. Increment Consuming for Particulate Matter or Sulfur Dioxide?

If the emissions unit addressed in this section emits particulate matter or sulfur dioxide, answer the following series of questions to make a preliminary determination as to whether or not the emissions unit consumes PSD increment for particulate matter or sulfur dioxide. Check the first statement, if any, that applies and skip remaining statements.

- The emissions unit is undergoing PSD review as part of this application, or has undergone PSD review previously, for particulate matter or sulfur dioxide. If so, emissions unit consumes increment.

- The facility addressed in this application is classified as an EPA major source pursuant to paragraph © of the definition of "major source of air pollution" in Chapter 62-213, F.A.C., and the emissions unit addressed in this section commenced (or will commence) construction after January 6, 1975. If so, baseline emissions are zero, and emissions unit consumes increment.

- The facility addressed in this application is classified as an EPA major source, and the emissions unit began initial operation after January 6, 1975, but before December 27, 1977. If so, baseline emissions are zero, and emissions unit consumes increment.

- For any facility, the emissions unit began (or will begin) initial operation after December 27, 1977. If so, baseline emissions are zero, and emissions unit consumes increment.

- None of the above apply. If so, the baseline emissions of the emissions unit are nonzero. In such case, additional analysis, beyond the scope of this application, is needed to determine whether changes in emissions have occurred (or will occur) after the baseline date that may consume or expand increment.

Emissions Unit Information Section 8 of 14

2. Increment Consuming for Nitrogen Dioxide?

If the emissions unit addressed in this section emits nitrogen oxides, answer the following series of questions to make a preliminary determination as to whether or not the emissions unit consumes PSD increment for nitrogen dioxide. Check first statement, if any, that applies and skip remaining statements.

-] The emissions unit addressed in this section is undergoing PSD review as part of this application, or has undergone PSD review previously, for nitrogen dioxide. If so, emissions unit consumes increment.

-] The facility addressed in this application is classified as an EPA major source pursuant to paragraph © of the definition of "major source of air pollution" in Chapter 62-213, F.A.C., and the emissions unit addressed in this section commenced (or will commence) construction after February 8, 1988. If so, baseline emissions are zero, and emissions unit consumes increment.

-] The facility addressed in this application is classified as an EPA major source, and the emissions unit began initial operation after February 8, 1988, but before March 28, 1988. If so, baseline emissions are zero, and emissions unit consumes increment.

-] For any facility, the emissions unit began (or will begin) initial operation after March 28, 1988. If so, baseline emissions are zero, and emissions unit consumes increment.

-] None of the above apply. If so, the baseline emissions of the emissions unit are nonzero. In such case, additional analysis, beyond the scope of this application, is needed to determine whether changes in emissions have occurred (or will occur) after the baseline date that may consume or expand increment.

3. Increment Consuming/Expanding Code:			
PM	<input type="checkbox"/>] C	<input type="checkbox"/>] E	<input checked="" type="checkbox"/>] No
SO2	<input type="checkbox"/>] C	<input type="checkbox"/>] E	<input checked="" type="checkbox"/>] No
NO2	<input type="checkbox"/>] C	<input type="checkbox"/>] E	<input checked="" type="checkbox"/>] No
4. Baseline Emissions:			
PM	lb/hour	tons/year	
SO2	lb/hour	tons/year	
NO2	lb/hour	tons/year	
5. PSD Comment:			

Emissions Unit Information Section 8 of 14

I. EMISSIONS UNIT SUPPLEMENTAL INFORMATION

This subsection of the Application for Air Permit form provides supplemental information related to the emissions unit addressed in this Emissions Unit Information Section. Supplemental information must be submitted as an attachment to each copy of the form, in hard-copy or computer-readable form.

Supplemental Requirements for All Applications

1. Process Flow Diagram <input checked="" type="checkbox"/> Attached, Document ID: <u>III</u> [] Not Applicable [] Waiver Requested
2. Fuel Analysis or Specification [] Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable [] Waiver Requested
3. Detailed Description of Control Equipment <input checked="" type="checkbox"/> Attached, Document ID: <u>VI</u> [] Not Applicable [] Waiver Requested
4. Description of Stack Sampling Facilities [] Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable [] Waiver Requested
5. Compliance Test Report [] Attached, Document ID: _____ [] Previously submitted, Date: _____ <input checked="" type="checkbox"/> Not Applicable
6. Procedures for Startup and Shutdown <input checked="" type="checkbox"/> Attached, Document ID: _____ [] Not Applicable
7. Operation and Maintenance Plan <input checked="" type="checkbox"/> Attached, Document ID: <u>VII</u> [] Not Applicable
8. Supplemental Information for Construction Permit Application <input checked="" type="checkbox"/> Attached, Document ID: <u>V</u> <input checked="" type="checkbox"/> Not Applicable
9. Other Information Required by Rule or Statute [] Attached, Document ID: _____ [] Not Applicable

Additional Supplemental Requirements for Category I Applications Only

10. Alternative Methods of Operation <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
11. Alternative Modes of Operation (Emissions Trading) <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
12. Enhanced Monitoring Plan <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
13. Identification of Additional Applicable Requirements <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
14. Acid Rain Application (Hard-copy Required) <input type="checkbox"/> Acid Rain Part - Phase II (Form No. 62-210.900(1)(a)) Attached, Document ID: _____ <input type="checkbox"/> Repowering Extension Plan (Form No. 62-210.900(1)(a)1.) Attached, Document ID: _____ <input type="checkbox"/> New Unit Exemption (Form No. 62-210.900(1)(a)2.) Attached, Document ID: _____ <input type="checkbox"/> Retired Unit Exemption (Form No. 62-210.900(1)(a)3.) Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable

EMISSIONS POINT No.9

**4' x 80'
PORTABLE RADIAL
STACKING BELT**

III. EMISSIONS UNIT INFORMATION

A separate Emissions Unit Information Section (including subsections A through I as required) must be completed for each emissions unit addressed in this Application for Air Permit. If submitting the application form in hard copy, indicate, in the space provided at the top of each page, the number of this Emissions Unit Information Section and the total number of Emissions Unit Information Sections submitted as part of this application.

A. GENERAL EMISSIONS UNIT INFORMATION

This subsection of the Application for Air Permit form provides general information on the emissions unit addressed in this Emissions Unit Information Section, including information on the type, control equipment, operating capacity, and operating schedule of the emissions unit.

Type of Emissions Unit Addressed in This Section

Check one:

- This Emissions Unit Information Section addresses, as a single emissions unit, a single process or production unit, or activity, which produces one or more air pollutants and which has at least one definable emission point (stack or vent).
- This Emissions Unit Information Section addresses, as a single emissions unit, an individually-regulated emission point (stack or vent) serving a single process or production unit, or activity, which also has other individually-regulated emission points.
- This Emissions Unit Information Section addresses, as a single emissions unit, a collectively-regulated group of process or production units and activities which has at least one definable emission point (stack or vent) but may also produce fugitive emissions.
- This Emissions Unit Information Section addresses, as a single emissions unit, one or more process or production units and activities which produce fugitive emissions only.

Emissions Unit Information Section 9 of 14

Emissions Unit Description and Status

<p>1. Description of Emissions Unit Addressed in This Section: Cedarapids, Inc - 4' x 80' Portable Radial Stacking Belt (Transfer Belt) - used to convey or stack finished material in stockpiles or in trucks.</p>		
<p>2. ARMS Identification Number: <input type="checkbox"/> No Corresponding ID <input checked="" type="checkbox"/> Unknown</p>		
<p>3. Emissions Unit Status Code: C</p>	<p>4. Acid Rain Unit? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>5. Emissions Unit Major Group SIC Code: 14</p>
<p>6. Initial Startup Date (DD-MON-YYYY): Unknown</p>		
<p>7. Long-term Reserve Shutdown Date (DD-MON-YYYY): NA</p>		
<p>8. Package Unit: 4' x 80' Portable Radial Stacking Belt (Transfer Point) Manufacturer: Cedarapids Inc. Model Number: 4x80</p>		
<p>9. Generator Nameplate Rating: NA</p>		
<p>10. Incinerator Information: Dwell Temperature: Dwell Time: Incinerator Temperature :</p>		
<p>11. Emissions Unit Comment: 4' x 80' Portable Radial Stacking Belt - utilized to convey or stack finished product into stockpiles or trucks. Material dampened by a Water Spray Dust Suppression System at triple deck screening device. All uncrushed material is dampened in its stockpile as to control emissions in the conveying, screening and crushing process.</p>		

Emissions Unit Control Equipment

A.

1. Description: 4' x 80' Portable Radial Stacking Belt - utilized to convey or stack finished product into stockpiles or trucks. Material dampened by a Water Spray Dust Suppression System at triple deck screening device. All uncrushed material is dampened in its stockpile as to control emissions in the conveying, screening and crushing process.
2. Control Device or Method Code: 061, 062 and 099

B.

1. Description:
2. Control Device or Method Code:

C.

1. Description:
2. Control Device or Method Code:

Emissions Unit Information Section 9 of 14

Emissions Unit Operating Capacity

1. Maximum Heat Input Rate: NONE
2. Maximum Incineration Rate:
3. Maximum Process or Throughput Rate: ~200 ton/hr as crushed reclaimed concrete or asphalt material (**dependent on material characteristics)
4. Maximum Production Rate: 200 ton/hr as crushed reclaimed concrete or asphalt material (dependent on material characteristics)
5. Operating Capacity Comment: *** Material characteristics consist of size, moisture and hardness.

Emissions Unit Operating Schedule

Requested Maximum Operating Schedule:		
	10 hours/day	6 days/week
	52 weeks/year	3120 hours/year

B. EMISSIONS UNIT REGULATIONS

Depending on the application category, this subsection of the Application for Air Permit form provides either a brief analysis or detailed listing of all federal, state, and local regulations applicable to the emissions unit addressed in this Emissions Unit Information Section.

Rule Applicability Analysis (Required for Category II applications and Category III applications involving non Title-V sources. See Instructions.)

This facility will be subject to 40 CFR, Part 60, subpart 000 rules and regulations.

Emissions Unit Information Section 9 of 14

List of Applicable Regulations (Required for Category I applications and Category III applications involving Title-V sources. See Instructions.)

62-212.200(56) FAC	
62-296.800 FAC	
40 CFR 60, Subpart 000	
62-296.310 (2) FAC	
62-297 FAC	
62-297.340 FAC	
62-210.350 FAC	
Chapter 84-446, Section 3(12) FS	
62-296.320 FAC	
62-296.310(3) FAC	
40 CFR 60.11 (d)	
62-4 FAC	
62-210	

C. EMISSION POINT (STACK/VENT) INFORMATION

This subsection of the Application for Air Permit form provides information about the emission point associated with the emissions unit addressed in this Emissions Unit Information Section. An emission point is typically a stack or vent but can be any identifiable location at which air pollutants, including fugitive emissions, are discharged into the atmosphere.

Emission Point Description and Type

1. Identification of Point on Plot Plan or Flow Diagram: 4' x 80' Portable Radial Stacking Belt (Drop Point @ end of belt to stockpile)
2. Emission Point Type Code: <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input checked="" type="checkbox"/> 4
3. Descriptions of Emissions Points Comprising this Emissions Unit: NOT APPLICABLE
4. ID Numbers or Descriptions of Emission Units with this Emission Point in Common: NA
5. Discharge Type Code: <input type="checkbox"/> D <input checked="" type="checkbox"/> F <input type="checkbox"/> H <input type="checkbox"/> P <input type="checkbox"/> R <input type="checkbox"/> V <input type="checkbox"/> W
6. Stack Height: NOT APPLICABLE
7. Exit Diameter:
8. Exit Temperature:
9. Actual Volumetric Flow Rate:

Emissions Unit Information Section 9 of 14

10. Percent Water Vapor: 4-6%
11. Maximum Dry Standard Flow Rate:
12. Nonstack Emission Point Height: variable feet
13. Emission Point UTM Coordinates: Zone: 17 East (km): 759.9 North (km): 3152.6
14. Emission Point Comment: Emissions Point will be fugitive only, if any emissions are generated at all.

D. SEGMENT (PROCESS/FUEL) INFORMATION

For the emissions unit addressed in this Emissions Unit Information Section, a separate set of segment data (Fields 1-10) must be completed for each segment required to be reported and for each alternative operating method or mode (emissions trading scenario) under Chapter 62-213, F.A.C., for which the maximum hourly or annual segment-related rate would vary. A segment is a material handling, process, fuel burning, volatile organic liquid storage, production, or other such operation to which emissions of the unit are directly related. See instructions for further details on this subsection of the Application for Air Permit.

1. Segment Description (Process/Fuel Type and Associated Operating Method/Mode): Material Handling - 4' x 80' Portable Radial Stacking Belt - utilized to convey or stack finished product into stockpiles or trucks. Material dampened by a Water Spray Dust Suppression System at triple deck screening device. All uncrushed material is dampened in its stockpile as to control emissions in the conveying, screening and crushing process.	
2. Source Classification Code (SCC): 1421	
3. SCC Units: tons of material conveyed	
4. Maximum Hourly Rate: 200 ton/hr	5. Maximum Annual Rate: 624,000 ton/yr
6. Estimated Annual Activity Factor: NA	
7. Maximum Percent Sulfur:	8. Maximum Percent Ash:
9. Million Btu per SCC Unit:	
10. Segment Comment:	

Emissions Unit Information Section 9 of 14

1. Segment Description (Process/Fuel Type and Associated Operating Method/Mode): NOT APPLICABLE	
2. Source Classification Code (SCC):	
3. SCC Units:	
4. Maximum Hourly Rate:	5. Maximum Annual Rate:
6. Estimated Annual Activity Factor:	
7. Maximum Percent Sulfur:	8. Maximum Percent Ash:
9. Million Btu per SCC Unit:	
10. Segment Comment:	

E. POLLUTANT INFORMATION

For the emissions unit addressed in this Emissions Unit Information Section, a separate set of pollutant information must be completed for each pollutant required to be reported. See instructions for further details on this subsection of the Application for Air Permit.

Pollutant Potential/Estimated Emissions: Pollutant 1 of 1

1. Pollutant Emitted: PM10
2. Total Percent Efficiency of Control: 90 %
3. Primary Control Device Code: 061, 062 and 099
4. Secondary Control Device Code: NA
5. Potential Emissions: 0.10 lb/ton 0.15 ton/yr
6. Synthetically Limited? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
7. Range of Estimated Fugitive/Other Emissions: <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <u>0</u> to <u>0</u> tons/year
8. Emission Factor: 0.00048 lbs/ton Reference: AP-42
9. Emissions Method Code: <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input checked="" type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5
10. Calculation of Emissions: PM10_{yearly} = [(200 ton/hr)(3120 hr/yr)(0.00048 lb/ton)] / 2000 lb/ton = 0.15 ton/yr PM10_{hourly} = (200 ton/hr)(0.00048 lb/ton) = 0.10 lb/hr
11. Pollutant Potential/Estimated Emissions Comment:

Emissions Unit Information Section 9 of 14

E. POLLUTANT INFORMATION

For the emissions unit addressed in this Emissions Unit Information Section, a separate set of pollutant information must be completed for each pollutant required to be reported. See instructions for further details on this subsection of the Application for Air Permit.

Pollutant Potential/Estimated Emissions: Pollutant _____ of _____

1. Pollutant Emitted:		
2. Total Percent Efficiency of Control:		
3. Primary Control Device Code:		
4. Secondary Control Device Code:		
5. Potential Emissions:	lb/hour	tons/year
6. Synthetically Limited? <input type="checkbox"/> Yes <input type="checkbox"/> No		
7. Range of Estimated Fugitive/Other Emissions: <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <u>0</u> to <u>0</u> tons/year		
8. Emission Factor: Reference:		
9. Emissions Method Code: <input type="checkbox"/> 1 <input checked="" type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5		
10. Calculation of Emissions:		
11. Pollutant Potential/Estimated Emissions Comment:		

F. VISIBLE EMISSIONS INFORMATION

This subsection of the Application for Air Permit form must be completed for only those emissions units which are subject to a visible emissions limitation. The intent of this subsection of the form is to identify each activity associated with the emissions unit addressed in this section for which a separate opacity limitation would be applicable. Visible emission subtype codes for each such activity are listed in the instructions for Field 1. Most emissions units will be subject to a "subtype VE" limit only.

Visible Emissions Limitation: Visible Emissions Limitation 1 of 1

1. Visible Emissions Subtype:	VE
2. Basis for Allowable Opacity:	<input checked="" type="checkbox"/> Rule <input type="checkbox"/> Other
3. Requested Allowable Opacity:	Normal Conditions: 10 % Exceptional Conditions: 10 % Maximum Period of Excess Opacity Allowed: 0 min/hour
4. Method of Compliance:	Annual EPA Method 9 visible emission compliance testing.
5. Visible Emissions Comment:	

G. CONTINUOUS MONITOR INFORMATION

This subsection of the Application for Air Permit form must be completed for only those emissions units which are required by rule or permit to install and operate one or more continuous emission, opacity, flow, or other type monitors. A separate set of continuous monitor information (Fields 1-6) must be completed for each monitoring system required.

Continuous Monitoring System:

1. Parameter Code:	NOT APPLICABLE	
2. CMS Requirement:	<input type="checkbox"/> Rule	<input type="checkbox"/> Other
3. Monitor Information:		
Manufacturer:		
Model Number:	Serial Number:	
4. Installation Date (DD-MON-YYYY):		
5. Performance Specification Test Date (DD-MON-YYYY):		
6. Continuous Monitor Comment:		

**H. PREVENTION OF SIGNIFICANT DETERIORATION (PSD) INCREMENT
TRACKING INFORMATION**

This subsection of the Application for Air Permit form must be completed for all applications, not just those undergoing prevention-of-significant-deterioration (PSD) review pursuant to Rule 62-212.400, F.A.C. The intent of this subsection is to make a preliminary determination as to whether the emissions unit addressed in this Emissions Unit Information Section consumes PSD increment. PSD increment is consumed (or expanded) as a result of emission increases (decreases) occurring after pollutant-specific baseline dates. Pollutants for which baseline dates have been established are sulfur dioxide, particulate matter, and nitrogen dioxide.

PSD Increment Consumption Determination

1. Increment Consuming for Particulate Matter or Sulfur Dioxide?

If the emissions unit addressed in this section emits particulate matter or sulfur dioxide, answer the following series of questions to make a preliminary determination as to whether or not the emissions unit consumes PSD increment for particulate matter or sulfur dioxide. Check the first statement, if any, that applies and skip remaining statements.

-] The emissions unit is undergoing PSD review as part of this application, or has undergone PSD review previously, for particulate matter or sulfur dioxide. If so, emissions unit consumes increment.

-] The facility addressed in this application is classified as an EPA major source pursuant to paragraph © of the definition of "major source of air pollution" in Chapter 62-213, F.A.C., and the emissions unit addressed in this section commenced (or will commence) construction after January 6, 1975. If so, baseline emissions are zero, and emissions unit consumes increment.

-] The facility addressed in this application is classified as an EPA major source, and the emissions unit began initial operation after January 6, 1975, but before December 27, 1977. If so, baseline emissions are zero, and emissions unit consumes increment.

-] For any facility, the emissions unit began (or will begin) initial operation after December 27, 1977. If so, baseline emissions are zero, and emissions unit consumes increment.

-] None of the above apply. If so, the baseline emissions of the emissions unit are nonzero. In such case, additional analysis, beyond the scope of this application, is needed to determine whether changes in emissions have occurred (or will occur) after the baseline date that may consume or expand increment.

Emissions Unit Information Section 9 of 14

2. Increment Consuming for Nitrogen Dioxide?

If the emissions unit addressed in this section emits nitrogen oxides, answer the following series of questions to make a preliminary determination as to whether or not the emissions unit consumes PSD increment for nitrogen dioxide. Check first statement, if any, that applies and skip remaining statements.

-] The emissions unit addressed in this section is undergoing PSD review as part of this application, or has undergone PSD review previously, for nitrogen dioxide. If so, emissions unit consumes increment.

-] The facility addressed in this application is classified as an EPA major source pursuant to paragraph © of the definition of "major source of air pollution" in Chapter 62-213, F.A.C., and the emissions unit addressed in this section commenced (or will commence) construction after February 8, 1988. If so, baseline emissions are zero, and emissions unit consumes increment.

-] The facility addressed in this application is classified as an EPA major source, and the emissions unit began initial operation after February 8, 1988, but before March 28, 1988. If so, baseline emissions are zero, and emissions unit consumes increment.

-] For any facility, the emissions unit began (or will begin) initial operation after March 28, 1988. If so, baseline emissions are zero, and emissions unit consumes increment.

-] None of the above apply. If so, the baseline emissions of the emissions unit are nonzero. In such case, additional analysis, beyond the scope of this application, is needed to determine whether changes in emissions have occurred (or will occur) after the baseline date that may consume or expand increment.

3. Increment Consuming/Expanding Code:			
PM	<input type="checkbox"/>] C	<input type="checkbox"/>] E	<input checked="" type="checkbox"/>] No
SO2	<input type="checkbox"/>] C	<input type="checkbox"/>] E	<input checked="" type="checkbox"/>] No
NO2	<input type="checkbox"/>] C	<input type="checkbox"/>] E	<input checked="" type="checkbox"/>] No
4. Baseline Emissions:			
PM	lb/hour		tons/year
SO2	lb/hour		tons/year
NO2	lb/hour		tons/year
5. PSD Comment:			

Emissions Unit Information Section 9 of 14

I. EMISSIONS UNIT SUPPLEMENTAL INFORMATION

This subsection of the Application for Air Permit form provides supplemental information related to the emissions unit addressed in this Emissions Unit Information Section.

Supplemental information must be submitted as an attachment to each copy of the form, in hard-copy or computer-readable form.

Supplemental Requirements for All Applications

1. Process Flow Diagram <input checked="" type="checkbox"/> Attached, Document ID: <u>III</u> <input type="checkbox"/> Not Applicable <input type="checkbox"/> Waiver Requested
2. Fuel Analysis or Specification <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable <input type="checkbox"/> Waiver Requested
3. Detailed Description of Control Equipment <input checked="" type="checkbox"/> Attached, Document ID: <u>VI</u> <input type="checkbox"/> Not Applicable <input type="checkbox"/> Waiver Requested
4. Description of Stack Sampling Facilities <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable <input type="checkbox"/> Waiver Requested
5. Compliance Test Report <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Previously submitted, Date: _____ <input checked="" type="checkbox"/> Not Applicable
6. Procedures for Startup and Shutdown <input checked="" type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Not Applicable
7. Operation and Maintenance Plan <input checked="" type="checkbox"/> Attached, Document ID: <u>VII</u> <input type="checkbox"/> Not Applicable
8. Supplemental Information for Construction Permit Application <input checked="" type="checkbox"/> Attached, Document ID: <u>V</u> <input checked="" type="checkbox"/> Not Applicable
9. Other Information Required by Rule or Statute <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Not Applicable

Emissions Unit Information Section 9 of 14

Additional Supplemental Requirements for Category I Applications Only

10. Alternative Methods of Operation <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
11. Alternative Modes of Operation (Emissions Trading) <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
12. Enhanced Monitoring Plan <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
13. Identification of Additional Applicable Requirements <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
14. Acid Rain Application (Hard-copy Required) <input type="checkbox"/> Acid Rain Part - Phase II (Form No. 62-210.900(1)(a)) Attached, Document ID: _____ <input type="checkbox"/> Repowering Extension Plan (Form No. 62-210.900(1)(a)1.) Attached, Document ID: _____ <input type="checkbox"/> New Unit Exemption (Form No. 62-210.900(1)(a)2.) Attached, Document ID: _____ <input type="checkbox"/> Retired Unit Exemption (Form No. 62-210.900(1)(a)3.) Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable

EMISSIONS POINT No.10

4' x 60'
PORTABLE RADIAL
STACKING BELT

III. EMISSIONS UNIT INFORMATION

A separate Emissions Unit Information Section (including subsections A through I as required) must be completed for each emissions unit addressed in this Application for Air Permit. If submitting the application form in hard copy, indicate, in the space provided at the top of each page, the number of this Emissions Unit Information Section and the total number of Emissions Unit Information Sections submitted as part of this application.

A. GENERAL EMISSIONS UNIT INFORMATION

This subsection of the Application for Air Permit form provides general information on the emissions unit addressed in this Emissions Unit Information Section, including information on the type, control equipment, operating capacity, and operating schedule of the emissions unit.

Type of Emissions Unit Addressed in This Section

Check one:

- This Emissions Unit Information Section addresses, as a single emissions unit, a single process or production unit, or activity, which produces one or more air pollutants and which has at least one definable emission point (stack or vent).
- This Emissions Unit Information Section addresses, as a single emissions unit, an individually-regulated emission point (stack or vent) serving a single process or production unit, or activity, which also has other individually-regulated emission points.
- This Emissions Unit Information Section addresses, as a single emissions unit, a collectively-regulated group of process or production units and activities which has at least one definable emission point (stack or vent) but may also produce fugitive emissions.
- This Emissions Unit Information Section addresses, as a single emissions unit, one or more process or production units and activities which produce fugitive emissions only.

Emissions Unit Information Section 10 of 14

Emissions Unit Description and Status

1. Description of Emissions Unit Addressed in This Section: 4' x 60' Portable Radial Stacking Belt (Transfer Belt) - used to convey or stack finished material in stockpiles or into trucks.		
2. ARMS Identification Number: <input type="checkbox"/> No Corresponding ID <input checked="" type="checkbox"/> Unknown		
3. Emissions Unit Status Code: C	4. Acid Rain Unit? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	5. Emissions Unit Major Group SIC Code: 14
6. Initial Startup Date (DD-MON-YYYY): Unknown		
7. Long-term Reserve Shutdown Date (DD-MON-YYYY): NA		
7. Package Unit: 4' x 60' Portable Radial Stacking Belt Manufacturer: Cedarapids, Inc. Model Number: 4x60		
9. Generator Nameplate Rating: NA		
10. Incinerator Information: Dwell Temperature: Dwell Time: Incinerator Temperature :		
11. Emissions Unit Comment: 4' x 60' Portable Radial Stacking Belt - utilized to convey or stack finished product into stockpiles or trucks. Material dampened by a Water Spray Dust Suppression System at triple deck screening device. All uncrushed material is dampened in its stockpile as to control emissions in the conveying, screening and crushing process.		

Emissions Unit Control Equipment

A.

1. Description: 4' x 60' Portable Radial Stacking Belt - utilized to convey or stack finished product into stockpiles or trucks. Material dampened by a Water Spray Dust Suppression System at triple deck screening device. All uncrushed material is dampened in its stockpile as to control emissions in the conveying, screening and crushing process.
2. Control Device or Method Code: 061, 062 and 099

B.

1. Description:
2. Control Device or Method Code:

C.

1. Description:
2. Control Device or Method Code:

Emissions Unit Information Section 10 of 14

Emissions Unit Operating Capacity

1. Maximum Heat Input Rate: NONE
2. Maximum Incineration Rate:
3. Maximum Process or Throughput Rate: ~200 ton/hr as crushed reclaimed concrete or asphalt material (***) dependent of material characteristics)
4. Maximum Production Rate: 200 ton/hr as crushed reclaimed concrete or asphalt material (dependent on material characteristics)
5. Operating Capacity Comment: *** Material characteristics dependent on moisture, size and hardness.

Emissions Unit Operating Schedule

Requested Maximum Operating Schedule:		
	10 hours/day	6 days/week
	52 weeks/year	3120 hours/year

B. EMISSIONS UNIT REGULATIONS

Depending on the application category, this subsection of the Application for Air Permit form provides either a brief analysis or detailed listing of all federal, state, and local regulations applicable to the emissions unit addressed in this Emissions Unit Information Section.

Rule Applicability Analysis (Required for Category II applications and Category III applications involving non Title-V sources. See Instructions.)

This facility will be subject to 40 CFR, Part 60, subpart 000 rules and regulations.

Emissions Unit Information Section 10 of 14

List of Applicable Regulations (Required for Category I applications and Category III applications involving Title-V sources. See Instructions.)

62-212.200(56) FAC	
62-296.800 FAC	
40 CFR 60, Subpart 000	
62-296.310 (2) FAC	
62-297 FAC	
62-297.340 FAC	
62-210.350 FAC	
Chapter 84-446, Section 3(12) FS	
62-296.320 FAC	
62-296.310(3) FAC	
40 CFR 60.11 (d)	
62-4 FAC	
62-210	

C. EMISSION POINT (STACK/VENT) INFORMATION

This subsection of the Application for Air Permit form provides information about the emission point associated with the emissions unit addressed in this Emissions Unit Information Section. An emission point is typically a stack or vent but can be any identifiable location at which air pollutants, including fugitive emissions, are discharged into the atmosphere.

Emission Point Description and Type

1. Identification of Point on Plot Plan or Flow Diagram: 4' x 60' Portable Radial Stacking Belt (Drop Point @ end of belt to stockpile)
2. Emission Point Type Code: <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input checked="" type="checkbox"/> 4
3. Descriptions of Emissions Points Comprising this Emissions Unit: NOT APPLICABLE
4. ID Numbers or Descriptions of Emission Units with this Emission Point in Common: NA
5. Discharge Type Code: <input type="checkbox"/> D <input checked="" type="checkbox"/> F <input type="checkbox"/> H <input type="checkbox"/> P <input type="checkbox"/> R <input type="checkbox"/> V <input type="checkbox"/> W
6. Stack Height: NOT APPLICABLE
7. Exit Diameter:
8. Exit Temperature:
9. Actual Volumetric Flow Rate:

Emissions Unit Information Section 10 of 14

10. Percent Water Vapor: 4-6%
11. Maximum Dry Standard Flow Rate:
12. Nonstack Emission Point Height: variable feet
13. Emission Point UTM Coordinates: Zone: 17 East (km): 759.9 North (km): 3152.6
14. Emission Point Comment: Emissions Point will be fugitive only, if any emissions are generated at all.

D. SEGMENT (PROCESS/FUEL) INFORMATION

For the emissions unit addressed in this Emissions Unit Information Section, a separate set of segment data (Fields 1-10) must be completed for each segment required to be reported and for each alternative operating method or mode (emissions trading scenario) under Chapter 62-213, F.A.C., for which the maximum hourly or annual segment-related rate would vary. A segment is a material handling, process, fuel burning, volatile organic liquid storage, production, or other such operation to which emissions of the unit are directly related. See instructions for further details on this subsection of the Application for Air Permit.

1. Segment Description (Process/Fuel Type and Associated Operating Method/Mode): Material Handling - 4' x 80' Portable Radial Stacking Belt - utilized to convey or stack finished product into stockpiles or trucks. Material dampened by a Water Spray Dust Suppression System at triple deck screening device. All uncrushed material is dampened in its stockpile as to control emissions in the conveying, screening and crushing process.	
2. Source Classification Code (SCC): 1421	
3. SCC Units: tons of material conveyed	
4. Maximum Hourly Rate: 200 ton/hr	5. Maximum Annual Rate: 624,000 ton/yr
6. Estimated Annual Activity Factor: NA	
7. Maximum Percent Sulfur:	8. Maximum Percent Ash:
9. Million Btu per SCC Unit:	
10. Segment Comment:	

Emissions Unit Information Section 10 of 14

1. Segment Description (Process/Fuel Type and Associated Operating Method/Mode): NOT APPLICABLE	
2. Source Classification Code (SCC):	
3. SCC Units:	
4. Maximum Hourly Rate:	5. Maximum Annual Rate:
6. Estimated Annual Activity Factor:	
7. Maximum Percent Sulfur:	8. Maximum Percent Ash:
9. Million Btu per SCC Unit:	
10. Segment Comment:	

Emissions Unit Information Section 10 of 14

E. POLLUTANT INFORMATION

For the emissions unit addressed in this Emissions Unit Information Section, a separate set of pollutant information must be completed for each pollutant required to be reported. See instructions for further details on this subsection of the Application for Air Permit.

Pollutant Potential/Estimated Emissions: Pollutant 1 of 1

1. Pollutant Emitted: PM10, TSP
2. Total Percent Efficiency of Control: 90 %
3. Primary Control Device Code: 061, 062 and 099
4. Secondary Control Device Code: NA
5. Potential Emissions: 0.10 lb/ton 0.15 ton/yr
6. Synthetically Limited? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
7. Range of Estimated Fugitive/Other Emissions: <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <u>0</u> to <u>0</u> tons/year
8. Emission Factor: 0.00048 lbs/ton Reference: AP-42
9. Emissions Method Code: <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input checked="" type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5
10. Calculation of Emissions: PM10_{yearly} = [(200 ton/hr)(3120 hr/yr)(0.00048 lb/ton)] / 2000 lb/ton = 0.15 ton/yr PM10_{hourly} = (200 ton/hr)(0.00048 lb/ton) = 0.10 lb/hr
11. Pollutant Potential/Estimated Emissions Comment:

Emissions Unit Information Section 10 of 14

E. POLLUTANT INFORMATION

For the emissions unit addressed in this Emissions Unit Information Section, a separate set of pollutant information must be completed for each pollutant required to be reported. See instructions for further details on this subsection of the Application for Air Permit.

Pollutant Potential/Estimated Emissions: Pollutant _____ of _____

1. Pollutant Emitted:		
2. Total Percent Efficiency of Control:		
3. Primary Control Device Code:		
4. Secondary Control Device Code:		
5. Potential Emissions:	lb/hour	tons/year
6. Synthetically Limited? <input type="checkbox"/> Yes <input type="checkbox"/> No		
7. Range of Estimated Fugitive/Other Emissions: <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <u> 0 </u> to <u> 0 </u> tons/year		
8. Emission Factor: Reference:		
9. Emissions Method Code: <input type="checkbox"/> 1 <input checked="" type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5		
10. Calculation of Emissions:		
11. Pollutant Potential/Estimated Emissions Comment:		

F. VISIBLE EMISSIONS INFORMATION

This subsection of the Application for Air Permit form must be completed for only those emissions units which are subject to a visible emissions limitation. The intent of this subsection of the form is to identify each activity associated with the emissions unit addressed in this section for which a separate opacity limitation would be applicable. Visible emission subtype codes for each such activity are listed in the instructions for Field 1. Most emissions units will be subject to a "subtype VE" limit only.

Visible Emissions Limitation: Visible Emissions Limitation 1 of 1

1. Visible Emissions Subtype:	VE
2. Basis for Allowable Opacity:	<input checked="" type="checkbox"/> Rule <input type="checkbox"/> Other
3. Requested Allowable Opacity:	Normal Conditions: 10 % Exceptional Conditions: 10 % Maximum Period of Excess Opacity Allowed: 0 min/hour
4. Method of Compliance:	Annual EPA Method 9 visible emission compliance testing.
5. Visible Emissions Comment:	

G. CONTINUOUS MONITOR INFORMATION

This subsection of the Application for Air Permit form must be completed for only those emissions units which are required by rule or permit to install and operate one or more continuous emission, opacity, flow, or other type monitors. A separate set of continuous monitor information (Fields 1-6) must be completed for each monitoring system required.

Continuous Monitoring System:

1. Parameter Code:	NOT APPLICABLE	
2. CMS Requirement:	<input type="checkbox"/> Rule	<input type="checkbox"/> Other
3. Monitor Information:		
Manufacturer:		
Model Number:	Serial Number:	
4. Installation Date (DD-MON-YYYY):		
5. Performance Specification Test Date (DD-MON-YYYY):		
6. Continuous Monitor Comment:		

H. PREVENTION OF SIGNIFICANT DETERIORATION (PSD) INCREMENT TRACKING INFORMATION

This subsection of the Application for Air Permit form must be completed for all applications, not just those undergoing prevention-of-significant-deterioration (PSD) review pursuant to Rule 62-212.400, F.A.C. The intent of this subsection is to make a preliminary determination as to whether the emissions unit addressed in this Emissions Unit Information Section consumes PSD increment. PSD increment is consumed (or expanded) as a result of emission increases (decreases) occurring after pollutant-specific baseline dates. Pollutants for which baseline dates have been established are sulfur dioxide, particulate matter, and nitrogen dioxide.

PSD Increment Consumption Determination

1. Increment Consuming for Particulate Matter or Sulfur Dioxide?

If the emissions unit addressed in this section emits particulate matter or sulfur dioxide, answer the following series of questions to make a preliminary determination as to whether or not the emissions unit consumes PSD increment for particulate matter or sulfur dioxide. Check the first statement, if any, that applies and skip remaining statements.

- The emissions unit is undergoing PSD review as part of this application, or has undergone PSD review previously, for particulate matter or sulfur dioxide. If so, emissions unit consumes increment.

- The facility addressed in this application is classified as an EPA major source pursuant to paragraph © of the definition of "major source of air pollution" in Chapter 62-213, F.A.C., and the emissions unit addressed in this section commenced (or will commence) construction after January 6, 1975. If so, baseline emissions are zero, and emissions unit consumes increment.

- The facility addressed in this application is classified as an EPA major source, and the emissions unit began initial operation after January 6, 1975, but before December 27, 1977. If so, baseline emissions are zero, and emissions unit consumes increment.

- For any facility, the emissions unit began (or will begin) initial operation after December 27, 1977. If so, baseline emissions are zero, and emissions unit consumes increment.

- None of the above apply. If so, the baseline emissions of the emissions unit are nonzero. In such case, additional analysis, beyond the scope of this application, is needed to determine whether changes in emissions have occurred (or will occur) after the baseline date that may consume or expand increment.

Emissions Unit Information Section 10 of 14

2. Increment Consuming for Nitrogen Dioxide?

If the emissions unit addressed in this section emits nitrogen oxides, answer the following series of questions to make a preliminary determination as to whether or not the emissions unit consumes PSD increment for nitrogen dioxide. Check first statement, if any, that applies and skip remaining statements.

- The emissions unit addressed in this section is undergoing PSD review as part of this application, or has undergone PSD review previously, for nitrogen dioxide. If so, emissions unit consumes increment.
- The facility addressed in this application is classified as an EPA major source pursuant to paragraph © of the definition of "major source of air pollution" in Chapter 62-213, F.A.C., and the emissions unit addressed in this section commenced (or will commence) construction after February 8, 1988. If so, baseline emissions are zero, and emissions unit consumes increment.
- The facility addressed in this application is classified as an EPA major source, and the emissions unit began initial operation after February 8, 1988, but before March 28, 1988. If so, baseline emissions are zero, and emissions unit consumes increment.
- For any facility, the emissions unit began (or will begin) initial operation after March 28, 1988. If so, baseline emissions are zero, and emissions unit consumes increment.
- None of the above apply. If so, the baseline emissions of the emissions unit are nonzero. In such case, additional analysis, beyond the scope of this application, is needed to determine whether changes in emissions have occurred (or will occur) after the baseline date that may consume or expand increment.

3. Increment Consuming/Expanding Code:			
PM	<input type="checkbox"/> C	<input type="checkbox"/> E	<input checked="" type="checkbox"/> No
SO2	<input type="checkbox"/> C	<input type="checkbox"/> E	<input checked="" type="checkbox"/> No
NO2	<input type="checkbox"/> C	<input type="checkbox"/> E	<input checked="" type="checkbox"/> No
4. Baseline Emissions:			
PM	lb/hour	tons/year	
SO2	lb/hour	tons/year	
NO2	lb/hour	tons/year	
5. PSD Comment:			

I. EMISSIONS UNIT SUPPLEMENTAL INFORMATION

This subsection of the Application for Air Permit form provides supplemental information related to the emissions unit addressed in this Emissions Unit Information Section. Supplemental information must be submitted as an attachment to each copy of the form, in hard-copy or computer-readable form.

Supplemental Requirements for All Applications

1. Process Flow Diagram <input checked="" type="checkbox"/> Attached, Document ID: <u>III</u> <input type="checkbox"/> Not Applicable <input type="checkbox"/> Waiver Requested
2. Fuel Analysis or Specification <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable <input type="checkbox"/> Waiver Requested
3. Detailed Description of Control Equipment <input checked="" type="checkbox"/> Attached, Document ID: <u>VI</u> <input type="checkbox"/> Not Applicable <input type="checkbox"/> Waiver Requested
4. Description of Stack Sampling Facilities <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable <input type="checkbox"/> Waiver Requested
5. Compliance Test Report <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Previously submitted, Date: _____ <input checked="" type="checkbox"/> Not Applicable
6. Procedures for Startup and Shutdown <input checked="" type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Not Applicable
7. Operation and Maintenance Plan <input checked="" type="checkbox"/> Attached, Document ID: <u>VII</u> <input type="checkbox"/> Not Applicable
8. Supplemental Information for Construction Permit Application <input checked="" type="checkbox"/> Attached, Document ID: <u>V</u> <input checked="" type="checkbox"/> Not Applicable
9. Other Information Required by Rule or Statute <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Not Applicable

Emissions Unit Information Section 10 of 14

Additional Supplemental Requirements for Category I Applications Only

10. Alternative Methods of Operation <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
11. Alternative Modes of Operation (Emissions Trading) <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
12. Enhanced Monitoring Plan <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
13. Identification of Additional Applicable Requirements <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
14. Acid Rain Application (Hard-copy Required) <input type="checkbox"/> Acid Rain Part - Phase II (Form No. 62-210.900(1)(a)) Attached, Document ID: _____ <input type="checkbox"/> Repowering Extension Plan (Form No. 62-210.900(1)(a)1.) Attached, Document ID: _____ <input type="checkbox"/> New Unit Exemption (Form No. 62-210.900(1)(a)2.) Attached, Document ID: _____ <input type="checkbox"/> Retired Unit Exemption (Form No. 62-210.900(1)(a)3.) Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable

EMISSIONS POINT No.11
CATERPILLAR MODEL 3412
GENERATOR SET

III. EMISSIONS UNIT INFORMATION

A separate Emissions Unit Information Section (including subsections A through I as required) must be completed for each emissions unit addressed in this Application for Air Permit. If submitting the application form in hard copy, indicate, in the space provided at the top of each page, the number of this Emissions Unit Information Section and the total number of Emissions Unit Information Sections submitted as part of this application.

A. GENERAL EMISSIONS UNIT INFORMATION

This subsection of the Application for Air Permit form provides general information on the emissions unit addressed in this Emissions Unit Information Section, including information on the type, control equipment, operating capacity, and operating schedule of the emissions unit.

Type of Emissions Unit Addressed in This Section

Check one:

- [X] This Emissions Unit Information Section addresses, as a single emissions unit, a single process or production unit, or activity, which produces one or more air pollutants and which has at least one definable emission point (stack or vent).
- [] This Emissions Unit Information Section addresses, as a single emissions unit, an individually-regulated emission point (stack or vent) serving a single process or production unit, or activity, which also has other individually-regulated emission points.
- [] This Emissions Unit Information Section addresses, as a single emissions unit, a collectively-regulated group of process or production units and activities which has at least one definable emission point (stack or vent) but may also produce fugitive emissions.
- [] This Emissions Unit Information Section addresses, as a single emissions unit, one or more process or production units and activities which produce fugitive emissions only.

Emissions Unit Information Section 11 of 14

Emissions Unit Description and Status

1. Description of Emissions Unit Addressed in This Section: Caterpillar Machinery Corporation - Model 3412, 545 kW Generator Set fired on No.2 virgin diesel fuel with a maximum sulfur limit of 0.5% by weight		
2. ARMS Identification Number: <input type="checkbox"/> No Corresponding ID <input checked="" type="checkbox"/> Unknown		
3. Emissions Unit Status Code: C	4. Acid Rain Unit? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	5. Emissions Unit Major Group SIC Code: 14
6. Initial Startup Date (DD-MON-YYYY): Unknown		
7. Long-term Reserve Shutdown Date (DD-MON-YYYY): NA		
8. Package Unit: Generator Set Manufacturer: Caterpillar Machinery Corporation Model Number: 3412		
9. Generator Nameplate Rating: 545 kW		
10. Incinerator Information: Dwell Temperature: Dwell Time: Incinerator Temperature :		
11. Emissions Unit Comment: Caterpillar Machinery Corporation – Generator Set used to supply power to all components of this aggregate processing facility. Generator Set fired on No.2 virgin diesel fuel oil with a maximum sulfur content of 0.5 % by weight, ~ 138,000 BTU/gal and a maximum fuel consumption of ~ 30 gallons per hour.		

Emissions Unit Control Equipment

A.

1. Description: UNCONTROLLED
2. Control Device or Method Code:

B.

1. Description:
2. Control Device or Method Code:

C.

1. Description:
2. Control Device or Method Code:

Emissions Unit Information Section 11 of 14

Emissions Unit Operating Capacity

1. Maximum Heat Input Rate: 6.21 MMBTU/hr
2. Maximum Incineration Rate:
3. Maximum Process or Throughput Rate: 30 gal/hr No.2 Fuel oil max.
4. Maximum Production Rate: 30 gal/hr No.2 virgin diesel fuel oil
5. Operating Capacity Comment: Caterpillar Machinery Corporation -Generator Set used to supply power to entire crushing facility. Generator Set fired on "off-road" virgin No.2 Fuel Oil with a maximum sulfur content of 0.5 % by weight, ~138,000 BTU/gal and a maximum fuel consumption of 30 gallons per hour.

Emissions Unit Operating Schedule

Requested Maximum Operating Schedule:		
	10 hours/day	6 days/week
	52 weeks/year	3120 hours/year

B. EMISSIONS UNIT REGULATIONS

Depending on the application category, this subsection of the Application for Air Permit form provides either a brief analysis or detailed listing of all federal, state, and local regulations applicable to the emissions unit addressed in this Emissions Unit Information Section.

Rule Applicability Analysis (Required for Category II applications and Category III applications involving non Title-V sources. See Instructions.)

This facility will be subject to 62-296.310(2) FAC rules and regulations.

Emissions Unit Information Section 11 of 14

List of Applicable Regulations (Required for Category I applications and Category III applications involving Title-V sources. See Instructions.)

62-212.200(56) FAC	
62-296.800 FAC	
40 CFR 60, Subpart 000	
62-296.310 (2) FAC	
62-297 FAC	
62-297.340 FAC	
62-210.350 FAC	
Chapter 84-446, Section 3(12) FS	
62-296.320 FAC	
62-296.310(3) FAC	
40 CFR 60.11 (d)	
62-4 FAC	
62-210 FAC	

C. EMISSION POINT (STACK/VENT) INFORMATION

This subsection of the Application for Air Permit form provides information about the emission point associated with the emissions unit addressed in this Emissions Unit Information Section. An emission point is typically a stack or vent but can be any identifiable location at which air pollutants, including fugitive emissions, are discharged into the atmosphere.

Emission Point Description and Type

1. Identification of Point on Plot Plan or Flow Diagram: Caterpillar Machinery Corporation – 3412, 545 kW Diesel Fired Generator - Set
2. Emission Point Type Code: <input checked="" type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4
3. Descriptions of Emissions Points Comprising this Emissions Unit: NOT APPLICABLE
4. ID Numbers or Descriptions of Emission Units with this Emission Point in Common: NA
5. Discharge Type Code: <input type="checkbox"/> D <input type="checkbox"/> F <input type="checkbox"/> H <input type="checkbox"/> P <input type="checkbox"/> R <input checked="" type="checkbox"/> V <input type="checkbox"/> W
6. Stack Height: ~ 15'
7. Exit Diameter: ~ 8"
8. Exit Temperature: NA
9. Actual Volumetric Flow Rate: 5265 cfm

Emissions Unit Information Section 11 of 14

10. Percent Water Vapor: unknown
11. Maximum Dry Standard Flow Rate: unknown
12. Nonstack Emission Point Height: NA feet
13. Emission Point UTM Coordinates: Zone: 17 East (km): 759.9 North (km): 3152.6
14. Emission Point Comment: Caterpillar Machinery Corporation -Generator Set used to supply power to entire crushing facility. Generator Set fired on virgin "off-road" No.2 Fuel Oil with a maximum sulfur content of 0.5 % by weight, ~ 138,000 BTU/gal and a maximum fuel consumption of 30 gallons per hour.

D. SEGMENT (PROCESS/FUEL) INFORMATION

For the emissions unit addressed in this Emissions Unit Information Section, a separate set of segment data (Fields 1-10) must be completed for each segment required to be reported and for each alternative operating method or mode (emissions trading scenario) under Chapter 62-213, F.A.C., for which the maximum hourly or annual segment-related rate would vary. A segment is a material handling, process, fuel burning, volatile organic liquid storage, production, or other such operation to which emissions of the unit are directly related. See instructions for further details on this subsection of the Application for Air Permit.

1. Segment Description (Process/Fuel Type and Associated Operating Method/Mode): Generator Set - No. 2 Virgin Diesel Fuel	
2. Source Classification Code (SCC): 20200401	
3. SCC Units: 1,000 gallons burned	
4. Maximum Hourly Rate: 30.0 gal/hr	5. Maximum Annual Rate: ~ 93,600 gal/yr
6. Estimated Annual Activity Factor: NA	
7. Maximum Percent Sulfur: 0.50 %	8. Maximum Percent Ash: Neg.
9. Million Btu per SCC Unit: 138.0 MMBTU/SCC Unit	
10. Segment Comment:	

Emissions Unit Information Section 11 of 14

1. Segment Description (Process/Fuel Type and Associated Operating Method/Mode): NOT APPLICABLE	
2. Source Classification Code (SCC):	
3. SCC Units:	
4. Maximum Hourly Rate:	5. Maximum Annual Rate:
6. Estimated Annual Activity Factor:	
7. Maximum Percent Sulfur:	8. Maximum Percent Ash:
9. Million Btu per SCC Unit:	
10. Segment Comment:	

E. POLLUTANT INFORMATION

For the emissions unit addressed in this Emissions Unit Information Section, a separate set of pollutant information must be completed for each pollutant required to be reported. See instructions for further details on this subsection of the Application for Air Permit.

Pollutant Potential/Estimated Emissions: Pollutant 1 of 5

1. Pollutant Emitted: PM10
2. Total Percent Efficiency of Control: NONE
3. Primary Control Device Code: NA
4. Secondary Control Device Code: NA
5. Potential Emissions: 1.28 lb/hr or 2.00 ton/hr
6. Synthetically Limited? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
7. Range of Estimated Fugitive/Other Emissions: <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <u>0</u> to <u>0</u> tons/year
8. Emission Factor: 0.31 lb/MMBTU Reference: AP-42
9. Emissions Method Code: <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input checked="" type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5
10. Calculation of Emissions: $\text{PM10} = (30 \text{ gal/hr fuel use})(138,000 \text{ BTU/gal}) = 4.14 \text{ MMBTU/hr}$ $(4.14 \text{ MMBTU/hr})(0.31 \text{ lb/MMBTU}) = 1.28 \text{ lb/hr}$ $(1.28 \text{ lb/hr})(3120 \text{ hrs/yr}) / 2000 \text{ lb/ton} = 2.00 \text{ ton/yr}$
11. Pollutant Potential/Estimated Emissions Comment:

Emissions Unit Information Section 11 of 14

E. POLLUTANT INFORMATION

For the emissions unit addressed in this Emissions Unit Information Section, a separate set of pollutant information must be completed for each pollutant required to be reported. See instructions for further details on this subsection of the Application for Air Permit.

Pollutant Potential/Estimated Emissions: Pollutant 2 of 5

1. Pollutant Emitted: NO_x		
2. Total Percent Efficiency of Control: NONE		
3. Primary Control Device Code: NONE		
4. Secondary Control Device Code:		
5. Potential Emissions:	18.26 lb/hour	28.49 tons/year
6. Synthetically Limited? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
7. Range of Estimated Fugitive/Other Emissions: <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <u>0</u> to <u>0</u> tons/year		
8. Emission Factor: 4.41 lb/MMBTU Reference: AP-42		
9. Emissions Method Code: <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input checked="" type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5		
10. Calculation of Emissions: NO_x = (30 gal/hr) (138,000 BTU/gal) = 4.14 MMBTU/gal (4.14 MMBTU/hr) (4.41 lb/MMBTU) = 18.26 lb/hr (18.26 lb/hr)(3120 hrs/yr) / 2000 lb/ton = 28.49 ton/yr		
11. Pollutant Potential/Estimated Emissions Comment:		

E. POLLUTANT INFORMATION

For the emissions unit addressed in this Emissions Unit Information Section, a separate set of pollutant information must be completed for each pollutant required to be reported. See instructions for further details on this subsection of the Application for Air Permit.

Pollutant Potential/Estimated Emissions: Pollutant 3 of 5

1. Pollutant Emitted: CO		
2. Total Percent Efficiency of Control: NONE		
3. Primary Control Device Code: NONE		
4. Secondary Control Device Code:		
5. Potential Emissions:	3.93 lb/hour	6.14 tons/year
6. Synthetically Limited? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
7. Range of Estimated Fugitive/Other Emissions: <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <u>0</u> to <u>0</u> tons/year		
8. Emission Factor: 0.95 lb/MMBTU Reference: AP-42		
9. Emissions Method Code: <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input checked="" type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5		
10. Calculation of Emissions: CO = (30 gal/hr) (138,000 BTU/gal) = 4.14 MMBTU/gal (4.14 MMBTU/hr) (0.95 lb/MMBTU) = 3.93 lb/hr (3.93 lb/hr)(3120 hrs/yr) / 2000 lb/ton = 6.14 ton/yr		
11. Pollutant Potential/Estimated Emissions Comment:		

Emissions Unit Information Section 11 of 14

E. POLLUTANT INFORMATION

For the emissions unit addressed in this Emissions Unit Information Section, a separate set of pollutant information must be completed for each pollutant required to be reported. See instructions for further details on this subsection of the Application for Air Permit.

Pollutant Potential/Estimated Emissions: Pollutant 4 of 5

1. Pollutant Emitted: SOx		
2. Total Percent Efficiency of Control: NONE		
3. Primary Control Device Code: NONE		
4. Secondary Control Device Code:		
5. Potential Emissions:	1.20 lb/hour	1.87 tons/year
6. Synthetically Limited? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
7. Range of Estimated Fugitive/Other Emissions: <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <u>0</u> to <u>0</u> tons/year		
8. Emission Factor: 0.29 lb/MMBTU Reference: AP-42		
9. Emissions Method Code: <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input checked="" type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5		
10. Calculation of Emissions: SOx = (30 gal/hr) (138,000 BTU/gal) = 4.14 MMBTU/gal (4.14 MMBTU/hr) (0.29 lb/MMBTU) = 1.20 lb/hr (1.20 lb/hr)(3120 hrs/yr) / 2000 lb/ton = 1.87 ton/yr		
11. Pollutant Potential/Estimated Emissions Comment:		

E. POLLUTANT INFORMATION

For the emissions unit addressed in this Emissions Unit Information Section, a separate set of pollutant information must be completed for each pollutant required to be reported. See instructions for further details on this subsection of the Application for Air Permit.

Pollutant Potential/Estimated Emissions: Pollutant 5 of 5

1. Pollutant Emitted: TOC total		
2. Total Percent Efficiency of Control: NONE		
3. Primary Control Device Code: NONE		
4. Secondary Control Device Code:		
5. Potential Emissions:	1.49 lb/hour	2.32 tons/year
6. Synthetically Limited? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
7. Range of Estimated Fugitive/Other Emissions: <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <u>0</u> to <u>0</u> tons/year		
8. Emission Factor: 0.36 lb/MMBTU Reference: AP-42		
9. Emissions Method Code: <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input checked="" type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5		
10. Calculation of Emissions: TOC = (30 gal/hr) (138,000 BTU/gal) = 4.14 MMBTU/gal (4.14 MMBTU/hr) (0.36 lb/MMBTU) = 1.49 lb/hr (1.49 lb/hr)(3120 hrs/yr) / 2000 lb/ton = 2.32 ton/yr		
11. Pollutant Potential/Estimated Emissions Comment:		

F. VISIBLE EMISSIONS INFORMATION

This subsection of the Application for Air Permit form must be completed for only those emissions units which are subject to a visible emissions limitation. The intent of this subsection of the form is to identify each activity associated with the emissions unit addressed in this section for which a separate opacity limitation would be applicable. Visible emission subtype codes for each such activity are listed in the instructions for Field 1. Most emissions units will be subject to a "subtype VE" limit only.

Visible Emissions Limitation: Visible Emissions Limitation 1 of 1

1. Visible Emissions Subtype:	VE
2. Basis for Allowable Opacity:	<input checked="" type="checkbox"/> Rule <input type="checkbox"/> Other
3. Requested Allowable Opacity:	Normal Conditions: < 20 % Exceptional Conditions: < 20 % Maximum Period of Excess Opacity Allowed: 0 min/hour
4. Method of Compliance:	Annual EPA Method 9 visible emission compliance testing.
5. Visible Emissions Comment:	

G. CONTINUOUS MONITOR INFORMATION

This subsection of the Application for Air Permit form must be completed for only those emissions units which are required by rule or permit to install and operate one or more continuous emission, opacity, flow, or other type monitors. A separate set of continuous monitor information (Fields 1-6) must be completed for each monitoring system required.

Continuous Monitoring System:

1. Parameter Code:	NOT APPLICABLE	
2. CMS Requirement:	<input type="checkbox"/> Rule	<input type="checkbox"/> Other
3. Monitor Information:		
Manufacturer:		
Model Number:	Serial Number:	
4. Installation Date (DD-MON-YYYY):		
5. Performance Specification Test Date (DD-MON-YYYY):		
6. Continuous Monitor Comment:		

**H. PREVENTION OF SIGNIFICANT DETERIORATION (PSD) INCREMENT
TRACKING INFORMATION**

This subsection of the Application for Air Permit form must be completed for all applications, not just those undergoing prevention-of-significant-deterioration (PSD) review pursuant to Rule 62-212.400, F.A.C. The intent of this subsection is to make a preliminary determination as to whether the emissions unit addressed in this Emissions Unit Information Section consumes PSD increment. PSD increment is consumed (or expanded) as a result of emission increases (decreases) occurring after pollutant-specific baseline dates. Pollutants for which baseline dates have been established are sulfur dioxide, particulate matter, and nitrogen dioxide.

PSD Increment Consumption Determination

1. Increment Consuming for Particulate Matter or Sulfur Dioxide?

If the emissions unit addressed in this section emits particulate matter or sulfur dioxide, answer the following series of questions to make a preliminary determination as to whether or not the emissions unit consumes PSD increment for particulate matter or sulfur dioxide. Check the first statement, if any, that applies and skip remaining statements.

-] The emissions unit is undergoing PSD review as part of this application, or has undergone PSD review previously, for particulate matter or sulfur dioxide. If so, emissions unit consumes increment.
-] The facility addressed in this application is classified as an EPA major source pursuant to paragraph © of the definition of "major source of air pollution" in Chapter 62-213, F.A.C., and the emissions unit addressed in this section commenced (or will commence) construction after January 6, 1975. If so, baseline emissions are zero, and emissions unit consumes increment.
-] The facility addressed in this application is classified as an EPA major source, and the emissions unit began initial operation after January 6, 1975, but before December 27, 1977. If so, baseline emissions are zero, and emissions unit consumes increment.
-] For any facility, the emissions unit began (or will begin) initial operation after December 27, 1977. If so, baseline emissions are zero, and emissions unit consumes increment.
-] None of the above apply. If so, the baseline emissions of the emissions unit are nonzero. In such case, additional analysis, beyond the scope of this application, is needed to determine whether changes in emissions have occurred (or will occur) after the baseline date that may consume or expand increment.

Emissions Unit Information Section 11 of 14

2. Increment Consuming for Nitrogen Dioxide?

If the emissions unit addressed in this section emits nitrogen oxides, answer the following series of questions to make a preliminary determination as to whether or not the emissions unit consumes PSD increment for nitrogen dioxide. Check first statement, if any, that applies and skip remaining statements.

-] The emissions unit addressed in this section is undergoing PSD review as part of this application, or has undergone PSD review previously, for nitrogen dioxide. If so, emissions unit consumes increment.
-] The facility addressed in this application is classified as an EPA major source pursuant to paragraph © of the definition of "major source of air pollution" in Chapter 62-213, F.A.C., and the emissions unit addressed in this section commenced (or will commence) construction after February 8, 1988. If so, baseline emissions are zero, and emissions unit consumes increment.
-] The facility addressed in this application is classified as an EPA major source, and the emissions unit began initial operation after February 8, 1988, but before March 28, 1988. If so, baseline emissions are zero, and emissions unit consumes increment.
-] For any facility, the emissions unit began (or will begin) initial operation after March 28, 1988. If so, baseline emissions are zero, and emissions unit consumes increment.
-] None of the above apply. If so, the baseline emissions of the emissions unit are nonzero. In such case, additional analysis, beyond the scope of this application, is needed to determine whether changes in emissions have occurred (or will occur) after the baseline date that may consume or expand increment.

3. Increment Consuming/Expanding Code:			
PM	<input type="checkbox"/>] C	<input type="checkbox"/>] E	<input checked="" type="checkbox"/>] No
SO2	<input type="checkbox"/>] C	<input type="checkbox"/>] E	<input checked="" type="checkbox"/>] No
NO2	<input type="checkbox"/>] C	<input type="checkbox"/>] E	<input checked="" type="checkbox"/>] No
4. Baseline Emissions:			
PM	lb/hour	tons/year	
SO2	lb/hour	tons/year	
NO2	lb/hour	tons/year	
5. PSD Comment:			

I. EMISSIONS UNIT SUPPLEMENTAL INFORMATION

This subsection of the Application for Air Permit form provides supplemental information related to the emissions unit addressed in this Emissions Unit Information Section. Supplemental information must be submitted as an attachment to each copy of the form, in hard-copy or computer-readable form.

Supplemental Requirements for All Applications

1. Process Flow Diagram <input checked="" type="checkbox"/> Attached, Document ID: <u>III</u> <input type="checkbox"/> Not Applicable <input type="checkbox"/> Waiver Requested
2. Fuel Analysis or Specification <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable <input type="checkbox"/> Waiver Requested
3. Detailed Description of Control Equipment <input checked="" type="checkbox"/> Attached, Document ID: <u>VI</u> <input type="checkbox"/> Not Applicable <input type="checkbox"/> Waiver Requested
4. Description of Stack Sampling Facilities <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable <input type="checkbox"/> Waiver Requested
5. Compliance Test Report <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Previously submitted, Date: _____ <input checked="" type="checkbox"/> Not Applicable
6. Procedures for Startup and Shutdown <input checked="" type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Not Applicable
7. Operation and Maintenance Plan <input checked="" type="checkbox"/> Attached, Document ID: <u>VII</u> <input type="checkbox"/> Not Applicable
8. Supplemental Information for Construction Permit Application <input checked="" type="checkbox"/> Attached, Document ID: <u>V</u> <input checked="" type="checkbox"/> Not Applicable
9. Other Information Required by Rule or Statute <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Not Applicable

Emissions Unit Information Section 11 of 14

Additional Supplemental Requirements for Category I Applications Only

10. Alternative Methods of Operation <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
11. Alternative Modes of Operation (Emissions Trading) <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
12. Enhanced Monitoring Plan <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
13. Identification of Additional Applicable Requirements <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
14. Acid Rain Application (Hard-copy Required) <input type="checkbox"/> Acid Rain Part - Phase II (Form No. 62-210.900(1)(a)) Attached, Document ID: _____ <input type="checkbox"/> Repowering Extension Plan (Form No. 62-210.900(1)(a)1.) Attached, Document ID: _____ <input type="checkbox"/> New Unit Exemption (Form No. 62-210.900(1)(a)2.) Attached, Document ID: _____ <input type="checkbox"/> Retired Unit Exemption (Form No. 62-210.900(1)(a)3.) Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable

EMISSIONS POINT No.12

FUGITIVE EMISSIONS
FROM
UNPAVED/ PAVED HAUL ROADS

III. EMISSIONS UNIT INFORMATION

A separate Emissions Unit Information Section (including subsections A through I as required) must be completed for each emissions unit addressed in this Application for Air Permit. If submitting the application form in hard copy, indicate, in the space provided at the top of each page, the number of this Emissions Unit Information Section and the total number of Emissions Unit Information Sections submitted as part of this application.

A. GENERAL EMISSIONS UNIT INFORMATION

This subsection of the Application for Air Permit form provides general information on the emissions unit addressed in this Emissions Unit Information Section, including information on the type, control equipment, operating capacity, and operating schedule of the emissions unit.

Type of Emissions Unit Addressed in This Section

Check one:

- This Emissions Unit Information Section addresses, as a single emissions unit, a single process or production unit, or activity, which produces one or more air pollutants and which has at least one definable emission point (stack or vent).
- This Emissions Unit Information Section addresses, as a single emissions unit, an individually-regulated emission point (stack or vent) serving a single process or production unit, or activity, which also has other individually-regulated emission points.
- This Emissions Unit Information Section addresses, as a single emissions unit, a collectively-regulated group of process or production units and activities which has at least one definable emission point (stack or vent) but may also produce fugitive emissions.
- This Emissions Unit Information Section addresses, as a single emissions unit, one or more process or production units and activities which produce fugitive emissions only.

Emissions Unit Information Section 12 of 14

Emissions Unit Description and Status

1. Description of Emissions Unit Addressed in This Section: Fugitive Emissions from Unpaved / Paved Haul Roads (Worst Case Scenario).		
2. ARMS Identification Number: <input type="checkbox"/> No Corresponding ID <input checked="" type="checkbox"/> Unknown		
3. Emissions Unit Status Code: C	4. Acid Rain Unit? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	5. Emissions Unit Major Group SIC Code: 14
6. Initial Startup Date (DD-MON-YYYY): Unknown		
7. Long-term Reserve Shutdown Date (DD-MON-YYYY): NA		
8. Package Unit: Not Applicable Manufacturer: Model Number:		
9. Generator Nameplate Rating:		
10. Incinerator Information: Dwell Temperature: Dwell Time: Incinerator Temperature :		
11. Emissions Unit Comment: Fugitive Emissions from Unpaved Haul Roads – emissions based on a worst case scenario. All roads are watered continuously by a water truck. Vehicular traffic speed is posted and enforced at a maximum of 5 m.p.h..		

Emissions Unit Control Equipment

A.

1. Description:

Fugitive Emissions from Unpaved Haul Roads – emissions based on a worst case scenario. All roads are watered continuously by a water truck. Vehicular traffic speed is posted and enforced at a maximum of 5 m.p.h.

2. Control Device or Method Code: **099**

B.

1. Description:

2. Control Device or Method Code:

C.

1. Description:

2. Control Device or Method Code:

Emissions Unit Operating Capacity

1. Maximum Heat Input Rate: Not Applicable
2. Maximum Incineration Rate:
3. Maximum Process or Throughput Rate:
4. Maximum Production Rate:
5. Operating Capacity Comment: All emissions are fugitive, if any emissions at all. Fugitive Emissions from Unpaved Sites – emissions based on a worse case scenario. All roads are watered continuously by a water truck. Vehicular traffic speed is posted and enforced at a maximum of 5 m.p.h.

Emissions Unit Operating Schedule

Requested Maximum Operating Schedule:		
	10 hours/day	6 days/week
	52 weeks/year	3120 hours/year

B. EMISSIONS UNIT REGULATIONS

Depending on the application category, this subsection of the Application for Air Permit form provides either a brief analysis or detailed listing of all federal, state, and local regulations applicable to the emissions unit addressed in this Emissions Unit Information Section.

Rule Applicability Analysis (Required for Category II applications and Category III applications involving non Title-V sources. See Instructions.)

This facility will be subject to 40 CFR Part 60, subsection 000 rules and regulations.

Emissions Unit Information Section 12 of 14

List of Applicable Regulations (Required for Category I applications and Category III applications involving Title-V sources. See Instructions.)

62-212.200(56) FAC	
62-296.800 FAC	
40 CFR 60, Subpart 000	
62-296.310 (2) FAC	
62-297 FAC	
62-297.340 FAC	
62-210.350 FAC	
Chapter 84-446, Section 3(12) FS	
62-296.320 FAC	
62-296.310(3) FAC	
40 CFR 60.11 (d)	
62-4 FAC	
62-210 FAC	

C. EMISSION POINT (STACK/VENT) INFORMATION

This subsection of the Application for Air Permit form provides information about the emission point associated with the emissions unit addressed in this Emissions Unit Information Section. An emission point is typically a stack or vent but can be any identifiable location at which air pollutants, including fugitive emissions, are discharged into the atmosphere.

Emission Point Description and Type

1. Identification of Point on Plot Plan or Flow Diagram: Unpaved/Paved Haul Roads
2. Emission Point Type Code: <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input checked="" type="checkbox"/> 4
3. Descriptions of Emissions Points Comprising this Emissions Unit: NOT APPLICABLE
4. ID Numbers or Descriptions of Emission Units with this Emission Point in Common: NA
5. Discharge Type Code: <input type="checkbox"/> D <input checked="" type="checkbox"/> F <input type="checkbox"/> H <input type="checkbox"/> P <input type="checkbox"/> R <input type="checkbox"/> V <input type="checkbox"/> W
6. Stack Height:
7. Exit Diameter:
8. Exit Temperature:
9. Actual Volumetric Flow Rate:

Emissions Unit Information Section 12 of 14

10. Percent Water Vapor:
11. Maximum Dry Standard Flow Rate:
12. Nonstack Emission Point Height: Groundlevel
13. Emission Point UTM Coordinates: Zone: 17 East (km): 759.9 North (km): 3152.6
14. Emission Point Comment: Fugitive Emissions from Unpaved and paved Haul Roads – emissions based on a worst case scenario. All roads are watered continuously by a water truck. Vehicular traffic speed is posted and enforced at a maximum of 5 m.p.h.

D. SEGMENT (PROCESS/FUEL) INFORMATION

For the emissions unit addressed in this Emissions Unit Information Section, a separate set of segment data (Fields 1-10) must be completed for each segment required to be reported and for each alternative operating method or mode (emissions trading scenario) under Chapter 62-213, F.A.C., for which the maximum hourly or annual segment-related rate would vary. A segment is a material handling, process, fuel burning, volatile organic liquid storage, production, or other such operation to which emissions of the unit are directly related. See instructions for further details on this subsection of the Application for Air Permit.

1. Segment Description (Process/Fuel Type and Associated Operating Method/Mode): Material Handling - Fugitive Emissions from Unpaved and paved Haul Roads – emissions based on a worst case scenario. All roads are watered continuously by a water truck. Vehicular traffic speed is posted and enforced at a maximum of 5 m.p.h.	
2. Source Classification Code (SCC): 1421	
3. SCC Units: Vehicle miles traveled	
4. Maximum Hourly Rate: 0.32 lb/hr	5. Maximum Annual Rate: 0.50 ton/yr
6. Estimated Annual Activity Factor:	
7. Maximum Percent Sulfur: NA	8. Maximum Percent Ash: NA
9. Million Btu per SCC Unit:	
10. Segment Comment:	

1. Segment Description (Process/Fuel Type and Associated Operating Method/Mode): NOT APPLICABLE	
2. Source Classification Code (SCC):	
3. SCC Units:	
4. Maximum Hourly Rate:	5. Maximum Annual Rate:
6. Estimated Annual Activity Factor:	
7. Maximum Percent Sulfur:	8. Maximum Percent Ash:
9. Million Btu per SCC Unit:	
10. Segment Comment:	

E. POLLUTANT INFORMATION

For the emissions unit addressed in this Emissions Unit Information Section, a separate set of pollutant information must be completed for each pollutant required to be reported. See instructions for further details on this subsection of the Application for Air Permit.

Pollutant Potential/Estimated Emissions: Pollutant 1 of 1

1. Pollutant Emitted: PM10
2. Total Percent Efficiency of Control: 90 % (AP-42 section 13.2.2-26 reference 18)
3. Primary Control Device Code: 009
4. Secondary Control Device Code: NA
5. Potential Emissions: without controls : 2.0lb/VMT with controls : 0.2 lb/VMT
6. Synthetically Limited? [] Yes [X] No
7. Range of Estimated Fugitive/Other Emissions: [] 1 [] 2 [] 3 <u>0</u> to <u>0</u> tons/year
8. Emission Factor: 0.2 lb/VMT Reference: AP-42 Section 13.2.1.1 Unpaved Roads
9. Emissions Method Code: [] 1 [] 2 [X] 3 [] 4 [] 5
10. Calculation of Emissions: $E = k(5.9)[s/12][S/30][W/3]^{0.7} [w/4]^{0.5} [365-P/365]$ $E = 0.36(5.9)[8.9/12][5/30][31.3/3]^{0.7} [10/4]^{0.5} [365-120/365] = 2.0 \text{ lb/VMT}$ $E = 2.0 \text{ lb/VMT (1-0.90 control efficiency)} = 0.2 \text{ lb/VMT}$ $E_{\text{daily}} = (0.2 \text{ lb/VMT})(16 \text{ VMT/day}) = 3.2 \text{ lb/day}$ $E_{\text{year}} = [(3.2 \text{ lb/day} / 10 \text{ hr/day})] (3120 \text{ hrs/yr}) / 2000 \text{ lb/ton} = 0.50 \text{ ton/yr}$
11. Pollutant Potential/Estimated Emissions Comment:

Emissions Unit Information Section 12 of 14

Allowable Emissions

1. Basis for Allowable Emissions Code:	Rule
2. Future Effective Date of Allowable Emissions:	Initial Emissions Compliance Test
3. Requested Allowable Emissions and Units:	< 5 % Opacity
4. Equivalent Allowable Emissions:	tons/year
5. Method of Compliance:	Annual EPA Method 9 Compliance testing.
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode):	

1. Basis for Allowable Emissions Code		
2. Future Effective Date of Allowable Emissions:		
3. Requested Allowable Emissions and Units:		
4. Equivalent Allowable Emissions:	lb/hr	tons/year
5. Method of Compliance:		
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode):		

F. VISIBLE EMISSIONS INFORMATION

This subsection of the Application for Air Permit form must be completed for only those emissions units which are subject to a visible emissions limitation. The intent of this subsection of the form is to identify each activity associated with the emissions unit addressed in this section for which a separate opacity limitation would be applicable. Visible emission subtype codes for each such activity are listed in the instructions for Field 1. Most emissions units will be subject to a "subtype VE" limit only.

Visible Emissions Limitation: Visible Emissions Limitation 1 of 1

1. Visible Emissions Subtype:	VE	
2. Basis for Allowable Opacity:	<input checked="" type="checkbox"/> Rule	<input type="checkbox"/> Other
3. Requested Allowable Opacity:	Normal Conditions: < 5 % Exceptional Conditions: < 5 % Maximum Period of Excess Opacity Allowed: 0 min/hour	
4. Method of Compliance:	Annual EPA Method 9 visible emission compliance testing.	
5. Visible Emissions Comment:		

G. CONTINUOUS MONITOR INFORMATION

This subsection of the Application for Air Permit form must be completed for only those emissions units which are required by rule or permit to install and operate one or more continuous emission, opacity, flow, or other type monitors. A separate set of continuous monitor information (Fields 1-6) must be completed for each monitoring system required.

Continuous Monitoring System:

1. Parameter Code:	NOT APPLICABLE	
2. CMS Requirement:	<input type="checkbox"/> Rule	<input type="checkbox"/> Other
3. Monitor Information:		
Manufacturer:		
Model Number:	Serial Number:	
4. Installation Date (DD-MON-YYYY):		
5. Performance Specification Test Date (DD-MON-YYYY):		
6. Continuous Monitor Comment:		

**H. PREVENTION OF SIGNIFICANT DETERIORATION (PSD) INCREMENT
TRACKING INFORMATION**

This subsection of the Application for Air Permit form must be completed for all applications, not just those undergoing prevention-of-significant-deterioration (PSD) review pursuant to Rule 62-212.400, F.A.C. The intent of this subsection is to make a preliminary determination as to whether the emissions unit addressed in this Emissions Unit Information Section consumes PSD increment. PSD increment is consumed (or expanded) as a result of emission increases (decreases) occurring after pollutant-specific baseline dates. Pollutants for which baseline dates have been established are sulfur dioxide, particulate matter, and nitrogen dioxide.

PSD Increment Consumption Determination

1. Increment Consuming for Particulate Matter or Sulfur Dioxide?

If the emissions unit addressed in this section emits particulate matter or sulfur dioxide, answer the following series of questions to make a preliminary determination as to whether or not the emissions unit consumes PSD increment for particulate matter or sulfur dioxide. Check the first statement, if any, that applies and skip remaining statements.

-] The emissions unit is undergoing PSD review as part of this application, or has undergone PSD review previously, for particulate matter or sulfur dioxide. If so, emissions unit consumes increment.
-] The facility addressed in this application is classified as an EPA major source pursuant to paragraph © of the definition of "major source of air pollution" in Chapter 62-213, F.A.C., and the emissions unit addressed in this section commenced (or will commence) construction after January 6, 1975. If so, baseline emissions are zero, and emissions unit consumes increment.
-] The facility addressed in this application is classified as an EPA major source, and the emissions unit began initial operation after January 6, 1975, but before December 27, 1977. If so, baseline emissions are zero, and emissions unit consumes increment.
-] For any facility, the emissions unit began (or will begin) initial operation after December 27, 1977. If so, baseline emissions are zero, and emissions unit consumes increment.
-] None of the above apply. If so, the baseline emissions of the emissions unit are nonzero. In such case, additional analysis, beyond the scope of this application, is needed to determine whether changes in emissions have occurred (or will occur) after the baseline date that may consume or expand increment.

Emissions Unit Information Section 12 of 14

2. Increment Consuming for Nitrogen Dioxide?

If the emissions unit addressed in this section emits nitrogen oxides, answer the following series of questions to make a preliminary determination as to whether or not the emissions unit consumes PSD increment for nitrogen dioxide. Check first statement, if any, that applies and skip remaining statements.

-] The emissions unit addressed in this section is undergoing PSD review as part of this application, or has undergone PSD review previously, for nitrogen dioxide. If so, emissions unit consumes increment.
-] The facility addressed in this application is classified as an EPA major source pursuant to paragraph © of the definition of "major source of air pollution" in Chapter 62-213, F.A.C., and the emissions unit addressed in this section commenced (or will commence) construction after February 8, 1988. If so, baseline emissions are zero, and emissions unit consumes increment.
-] The facility addressed in this application is classified as an EPA major source, and the emissions unit began initial operation after February 8, 1988, but before March 28, 1988. If so, baseline emissions are zero, and emissions unit consumes increment.
-] For any facility, the emissions unit began (or will begin) initial operation after March 28, 1988. If so, baseline emissions are zero, and emissions unit consumes increment.
-] None of the above apply. If so, the baseline emissions of the emissions unit are nonzero. In such case, additional analysis, beyond the scope of this application, is needed to determine whether changes in emissions have occurred (or will occur) after the baseline date that may consume or expand increment.

3. Increment Consuming/Expanding Code:			
PM	<input type="checkbox"/>] C	<input type="checkbox"/>] E	<input checked="" type="checkbox"/>] No
SO2	<input type="checkbox"/>] C	<input type="checkbox"/>] E	<input checked="" type="checkbox"/>] No
NO2	<input type="checkbox"/>] C	<input type="checkbox"/>] E	<input checked="" type="checkbox"/>] No
4. Baseline Emissions:			
PM	lb/hour	tons/year	
SO2	lb/hour	tons/year	
NO2	lb/hour	tons/year	
5. PSD Comment:			

I. EMISSIONS UNIT SUPPLEMENTAL INFORMATION

This subsection of the Application for Air Permit form provides supplemental information related to the emissions unit addressed in this Emissions Unit Information Section. Supplemental information must be submitted as an attachment to each copy of the form, in hard-copy or computer-readable form.

Supplemental Requirements for All Applications

1. Process Flow Diagram <input checked="" type="checkbox"/> Attached, Document ID: <u>III</u> <input type="checkbox"/> Not Applicable <input type="checkbox"/> Waiver Requested
2. Fuel Analysis or Specification <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable <input type="checkbox"/> Waiver Requested
3. Detailed Description of Control Equipment <input checked="" type="checkbox"/> Attached, Document ID: <u>VI</u> <input type="checkbox"/> Not Applicable <input type="checkbox"/> Waiver Requested
4. Description of Stack Sampling Facilities <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable <input type="checkbox"/> Waiver Requested
5. Compliance Test Report <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Previously submitted, Date: _____ <input checked="" type="checkbox"/> Not Applicable
6. Procedures for Startup and Shutdown <input checked="" type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Not Applicable
7. Operation and Maintenance Plan <input checked="" type="checkbox"/> Attached, Document ID: <u>VII</u> <input type="checkbox"/> Not Applicable
8. Supplemental Information for Construction Permit Application <input checked="" type="checkbox"/> Attached, Document ID: <u>V</u> <input checked="" type="checkbox"/> Not Applicable
9. Other Information Required by Rule or Statute <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Not Applicable

Additional Supplemental Requirements for Category I Applications Only

10. Alternative Methods of Operation <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
11. Alternative Modes of Operation (Emissions Trading) <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
12. Enhanced Monitoring Plan <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
13. Identification of Additional Applicable Requirements <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
14. Acid Rain Application (Hard-copy Required) <input type="checkbox"/> Acid Rain Part – Phase II (Form No. 62-210.900(1)(a)) Attached, Document ID: _____ <input type="checkbox"/> Repowering Extension Plan (Form No. 62-210.900(1)(a)1.) Attached, Document ID: _____ <input type="checkbox"/> New Unit Exemption (Form No. 62-210.900(1)(a)2.) Attached, Document ID: _____ <input type="checkbox"/> Retired Unit Exemption (Form No. 62-210.900(1)(a)3.) Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable

EMISSIONS POINT No.13
STOCKPILES AND CONVEYOR
DROPS TO STOCKPILES

III. EMISSIONS UNIT INFORMATION

A separate Emissions Unit Information Section (including subsections A through I as required) must be completed for each emissions unit addressed in this Application for Air Permit. If submitting the application form in hard copy, indicate, in the space provided at the top of each page, the number of this Emissions Unit Information Section and the total number of Emissions Unit Information Sections submitted as part of this application.

A. GENERAL EMISSIONS UNIT INFORMATION

This subsection of the Application for Air Permit form provides general information on the emissions unit addressed in this Emissions Unit Information Section, including information on the type, control equipment, operating capacity, and operating schedule of the emissions unit.

Type of Emissions Unit Addressed in This Section

Check one:

- This Emissions Unit Information Section addresses, as a single emissions unit, a single process or production unit, or activity, which produces one or more air pollutants and which has at least one definable emission point (stack or vent).
- This Emissions Unit Information Section addresses, as a single emissions unit, an individually-regulated emission point (stack or vent) serving a single process or production unit, or activity, which also has other individually-regulated emission points.
- This Emissions Unit Information Section addresses, as a single emissions unit, a collectively-regulated group of process or production units and activities which has at least one definable emission point (stack or vent) but may also produce fugitive emissions.
- This Emissions Unit Information Section addresses, as a single emissions unit, one or more process or production units and activities which produce fugitive emissions only.

Emissions Unit Information Section 13 of 14

Emissions Unit Description and Status

1. Description of Emissions Unit Addressed in This Section: <p style="text-align: center;">Storage Piles & Conveyor Drops.</p>		
2. ARMS Identification Number: <input type="checkbox"/> No Corresponding ID <input checked="" type="checkbox"/> Unknown		
3. Emissions Unit Status Code: C	4. Acid Rain Unit? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	5. Emissions Unit Major Group SIC Code: 14
6. Initial Startup Date (DD-MON-YYYY): <p style="text-align: center;">Unknown</p>		
7. Long-term Reserve Shutdown Date (DD-MON-YYYY): <p style="text-align: center;">NA</p>		
8. Package Unit: Not Applicable Manufacturer: Model Number:		
9. Generator Nameplate Rating:		
10. Incinerator Information: Dwell Temperature: Dwell Time: Incinerator Temperature :		
11. Emissions Unit Comment: Fugitive Emissions from Storage Piles and Drops from conveyors to stockpiles – worst case scenario. All stockpiles are watered continuously by water truck.		

Emissions Unit Control Equipment

A.

1. Description: Fugitive Emissions from Storage Piles and Drops from conveyors to stockpiles – worst case scenario. All stockpiles are watered continuously by water truck.
2. Control Device or Method Code: 099

B.

1. Description:
2. Control Device or Method Code:

C.

1. Description:
2. Control Device or Method Code:

Emissions Unit Operating Capacity

1. Maximum Heat Input Rate: Not Applicable
2. Maximum Incineration Rate:
3. Maximum Process or Throughput Rate:
4. Maximum Production Rate:
5. Operating Capacity Comment: Fugitive Emissions from Storage Piles and Drops from conveyors to stockpiles – worst case scenario. All stockpiles are watered continuously by water truck.

Emissions Unit Operating Schedule

Requested Maximum Operating Schedule:		
	10 hours/day	6 days/week
	52 weeks/year	3120 hours/year

B. EMISSIONS UNIT REGULATIONS

Depending on the application category, this subsection of the Application for Air Permit form provides either a brief analysis or detailed listing of all federal, state, and local regulations applicable to the emissions unit addressed in this Emissions Unit Information Section.

Rule Applicability Analysis (Required for Category II applications and Category III applications involving non Title-V sources. See Instructions.)

This facility will be subject to 40 CFR Part 60, subsection 000 rules and regulations.

Emissions Unit Information Section 13 of 14

List of Applicable Regulations (Required for Category I applications and Category III applications involving Title-V sources. See Instructions.)

62-212.200(56) FAC	
62-296.800 FAC	
40 CFR 60, Subpart 000	
62-296.310 (2) FAC	
62-297 FAC	
62-297.340 FAC	
62-210.350 FAC	
Chapter 84-446, Section 3(12) FS	
62-296.320 FAC	
62-296.310(3) FAC	
40 CFR 60.11 (d)	
62-4 FAC	
62-210 FAC	

C. EMISSION POINT (STACK/VENT) INFORMATION

This subsection of the Application for Air Permit form provides information about the emission point associated with the emissions unit addressed in this Emissions Unit Information Section. An emission point is typically a stack or vent but can be any identifiable location at which air pollutants, including fugitive emissions, are discharged into the atmosphere.

Emission Point Description and Type

1. Identification of Point on Plot Plan or Flow Diagram: Storage Piles and Drops from conveyors to storage piles.
2. Emission Point Type Code: <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input checked="" type="checkbox"/> 4
3. Descriptions of Emissions Points Comprising this Emissions Unit: NOT APPLICABLE
4. ID Numbers or Descriptions of Emission Units with this Emission Point in Common: NA
5. Discharge Type Code: <input type="checkbox"/> D <input checked="" type="checkbox"/> F <input type="checkbox"/> H <input type="checkbox"/> P <input type="checkbox"/> R <input type="checkbox"/> V <input type="checkbox"/> W
6. Stack Height:
7. Exit Diameter:
8. Exit Temperature:
9. Actual Volumetric Flow Rate:

Emissions Unit Information Section 13 of 14

10. Percent Water Vapor:
11. Maximum Dry Standard Flow Rate:
12. Nonstack Emission Point Height: Groundlevel
13. Emission Point UTM Coordinates: Zone: 17 East (km): 759.9 North (km): 3152.6
14. Emission Point Comment: Fugitive Emissions from Storage Piles and Drops from conveyors to stockpiles – worst case scenario. All stockpiles are watered continuously by water truck.

D. SEGMENT (PROCESS/FUEL) INFORMATION

For the emissions unit addressed in this Emissions Unit Information Section, a separate set of segment data (Fields 1-10) must be completed for each segment required to be reported and for each alternative operating method or mode (emissions trading scenario) under Chapter 62-213, F.A.C., for which the maximum hourly or annual segment-related rate would vary. A segment is a material handling, process, fuel burning, volatile organic liquid storage, production, or other such operation to which emissions of the unit are directly related. See instructions for further details on this subsection of the Application for Air Permit.

1. Segment Description (Process/Fuel Type and Associated Operating Method/Mode): Material Handling – Material Storage Stockpiles and Conveyor Drops	
2. Source Classification Code (SCC): UNKNOWN	
3. SCC Units:	
4. Maximum Hourly Rate: 200 ton/hr and 0.16 lb/hr fugitives	5. Maximum Annual Rate: 624,000 tpy & 0.26 tpy fugitives
6. Estimated Annual Activity Factor:	
7. Maximum Percent Sulfur:	8. Maximum Percent Ash:
9. Million Btu per SCC Unit:	
10. Segment Comment:	

Emissions Unit Information Section 13 of 14

1. Segment Description (Process/Fuel Type and Associated Operating Method/Mode): NOT APPLICABLE	
2. Source Classification Code (SCC):	
3. SCC Units:	
4. Maximum Hourly Rate:	5. Maximum Annual Rate:
6. Estimated Annual Activity Factor:	
7. Maximum Percent Sulfur:	8. Maximum Percent Ash:
9. Million Btu per SCC Unit:	
10. Segment Comment:	

Emissions Unit Information Section 13 of 14

E. POLLUTANT INFORMATION

For the emissions unit addressed in this Emissions Unit Information Section, a separate set of pollutant information must be completed for each pollutant required to be reported. See instructions for further details on this subsection of the Application for Air Permit.

Pollutant Potential/Estimated Emissions: Pollutant 1 of 1

1. Pollutant Emitted: PM10
2. Total Percent Efficiency of Control: 90 % (AP-42 section 13.2.4.4)
3. Primary Control Device Code: 009
4. Secondary Control Device Code: NA
5. Potential Emissions: without controls : 1.62 lb/hr with controls : 1.62 lb/day
6. Synthetically Limited? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
7. Range of Estimated Fugitive/Other Emissions: <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <u>0</u> to <u>0</u> tons/year
8. Emission Factor: 0.2 lb/VMT Reference: AP-42 Section 13.2.4.2 Aggregate Handling and Storage Piles.
9. Emissions Method Code: <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input checked="" type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5
10. Calculation of Emissions: $E = k (0.0032) [u/5]^{1.3} / [M/2]^{1.4}$ $E = 0.35 (0.0032) [7/5]^{1.3} / [0.7/2]^{1.4} = 0.0081 \text{ lb/ton}$ $E = (200 \text{ ton/hr})(0.0081 \text{ lb/ton}) = 1.62 \text{ lb/hr}$ $E = (1.62 \text{ lb/hr}) (1-0.90 \text{ control efficiency})(10 \text{ hr/day}) = 1.62 \text{ lb/day}$ $E = [(1.62 \text{ lb/day} / 10 \text{ hr/day})] (3120 \text{ hrs/yr}) / 2000 \text{ lb/ton} = 0.26 \text{ ton/yr}$
11. Pollutant Potential/Estimated Emissions Comment:

Emissions Unit Information Section 13 of 14

Allowable Emissions

1. Basis for Allowable Emissions Code:	Rule
2. Future Effective Date of Allowable Emissions:	Initial Emissions Compliance Test
3. Requested Allowable Emissions and Units:	< 5 % Opacity
4. Equivalent Allowable Emissions:	tons/year
5. Method of Compliance:	Annual EPA Method 9 Compliance testing.
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode):	

1. Basis for Allowable Emissions Code	
2. Future Effective Date of Allowable Emissions:	
3. Requested Allowable Emissions and Units:	
4. Equivalent Allowable Emissions:	lb/hr tons/year
5. Method of Compliance:	
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode):	

F. VISIBLE EMISSIONS INFORMATION

This subsection of the Application for Air Permit form must be completed for only those emissions units which are subject to a visible emissions limitation. The intent of this subsection of the form is to identify each activity associated with the emissions unit addressed in this section for which a separate opacity limitation would be applicable. Visible emission subtype codes for each such activity are listed in the instructions for Field 1. Most emissions units will be subject to a "subtype VE" limit only.

Visible Emissions Limitation: Visible Emissions Limitation 1 of 1

1. Visible Emissions Subtype:	VE	
2. Basis for Allowable Opacity:	<input checked="" type="checkbox"/> Rule	<input type="checkbox"/> Other
3. Requested Allowable Opacity:	Normal Conditions: < 5 % Exceptional Conditions: < 5 % Maximum Period of Excess Opacity Allowed: 0 min/hour	
4. Method of Compliance:	Annual EPA Method 9 visible emission compliance testing.	
5. Visible Emissions Comment:		

G. CONTINUOUS MONITOR INFORMATION

This subsection of the Application for Air Permit form must be completed for only those emissions units which are required by rule or permit to install and operate one or more continuous emission, opacity, flow, or other type monitors. A separate set of continuous monitor information (Fields 1-6) must be completed for each monitoring system required.

Continuous Monitoring System:

1. Parameter Code:	NOT APPLICABLE	
2. CMS Requirement:	<input type="checkbox"/> Rule	<input type="checkbox"/> Other
3. Monitor Information:		
Manufacturer:		
Model Number:	Serial Number:	
4. Installation Date (DD-MON-YYYY):		
5. Performance Specification Test Date (DD-MON-YYYY):		
6. Continuous Monitor Comment:		

**I. PREVENTION OF SIGNIFICANT DETERIORATION (PSD) INCREMENT
TRACKING INFORMATION**

This subsection of the Application for Air Permit form must be completed for all applications, not just those undergoing prevention-of-significant-deterioration (PSD) review pursuant to Rule 62-212.400, F.A.C. The intent of this subsection is to make a preliminary determination as to whether the emissions unit addressed in this Emissions Unit Information Section consumes PSD increment. PSD increment is consumed (or expanded) as a result of emission increases (decreases) occurring after pollutant-specific baseline dates. Pollutants for which baseline dates have been established are sulfur dioxide, particulate matter, and nitrogen dioxide.

PSD Increment Consumption Determination

1. Increment Consuming for Particulate Matter or Sulfur Dioxide?

If the emissions unit addressed in this section emits particulate matter or sulfur dioxide, answer the following series of questions to make a preliminary determination as to whether or not the emissions unit consumes PSD increment for particulate matter or sulfur dioxide. Check the first statement, if any, that applies and skip remaining statements.

-] The emissions unit is undergoing PSD review as part of this application, or has undergone PSD review previously, for particulate matter or sulfur dioxide. If so, emissions unit consumes increment.
-] The facility addressed in this application is classified as an EPA major source pursuant to paragraph © of the definition of "major source of air pollution" in Chapter 62-213, F.A.C., and the emissions unit addressed in this section commenced (or will commence) construction after January 6, 1975. If so, baseline emissions are zero, and emissions unit consumes increment.
-] The facility addressed in this application is classified as an EPA major source, and the emissions unit began initial operation after January 6, 1975, but before December 27, 1977. If so, baseline emissions are zero, and emissions unit consumes increment.
-] For any facility, the emissions unit began (or will begin) initial operation after December 27, 1977. If so, baseline emissions are zero, and emissions unit consumes increment.
-] None of the above apply. If so, the baseline emissions of the emissions unit are nonzero. In such case, additional analysis, beyond the scope of this application, is needed to determine whether changes in emissions have occurred (or will occur) after the baseline date that may consume or expand increment.

Emissions Unit Information Section 13 of 14

2. Increment Consuming for Nitrogen Dioxide?

If the emissions unit addressed in this section emits nitrogen oxides, answer the following series of questions to make a preliminary determination as to whether or not the emissions unit consumes PSD increment for nitrogen dioxide. Check first statement, if any, that applies and skip remaining statements.

-] The emissions unit addressed in this section is undergoing PSD review as part of this application, or has undergone PSD review previously, for nitrogen dioxide. If so, emissions unit consumes increment.
-] The facility addressed in this application is classified as an EPA major source pursuant to paragraph © of the definition of "major source of air pollution" in Chapter 62-213, F.A.C., and the emissions unit addressed in this section commenced (or will commence) construction after February 8, 1988. If so, baseline emissions are zero, and emissions unit consumes increment.
-] The facility addressed in this application is classified as an EPA major source, and the emissions unit began initial operation after February 8, 1988, but before March 28, 1988. If so, baseline emissions are zero, and emissions unit consumes increment.
-] For any facility, the emissions unit began (or will begin) initial operation after March 28, 1988. If so, baseline emissions are zero, and emissions unit consumes increment.
-] None of the above apply. If so, the baseline emissions of the emissions unit are nonzero. In such case, additional analysis, beyond the scope of this application, is needed to determine whether changes in emissions have occurred (or will occur) after the baseline date that may consume or expand increment.

3. Increment Consuming/Expanding Code:			
PM	<input type="checkbox"/>] C	<input type="checkbox"/>] E	<input checked="" type="checkbox"/>] No
SO2	<input type="checkbox"/>] C	<input type="checkbox"/>] E	<input checked="" type="checkbox"/>] No
NO2	<input type="checkbox"/>] C	<input type="checkbox"/>] E	<input checked="" type="checkbox"/>] No
4. Baseline Emissions:			
PM	lb/hour		tons/year
SO2	lb/hour		tons/year
NO2	lb/hour		tons/year
5. PSD Comment:			

I. EMISSIONS UNIT SUPPLEMENTAL INFORMATION

This subsection of the Application for Air Permit form provides supplemental information related to the emissions unit addressed in this Emissions Unit Information Section.

Supplemental information must be submitted as an attachment to each copy of the form, in hard-copy or computer-readable form.

Supplemental Requirements for All Applications

1. Process Flow Diagram <input checked="" type="checkbox"/> Attached, Document ID: <u>III</u> [] Not Applicable [] Waiver Requested
2. Fuel Analysis or Specification [] Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable [] Waiver Requested
3. Detailed Description of Control Equipment <input checked="" type="checkbox"/> Attached, Document ID: <u>VI</u> [] Not Applicable [] Waiver Requested
4. Description of Stack Sampling Facilities [] Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable [] Waiver Requested
5. Compliance Test Report [] Attached, Document ID: _____ [] Previously submitted, Date: _____ <input checked="" type="checkbox"/> Not Applicable
6. Procedures for Startup and Shutdown <input checked="" type="checkbox"/> Attached, Document ID: _____ [] Not Applicable
7. Operation and Maintenance Plan <input checked="" type="checkbox"/> Attached, Document ID: <u>VII</u> [] Not Applicable
8. Supplemental Information for Construction Permit Application <input checked="" type="checkbox"/> Attached, Document ID: <u>V</u> <input checked="" type="checkbox"/> Not Applicable
9. Other Information Required by Rule or Statute [] Attached, Document ID: _____ [] Not Applicable

Emissions Unit Information Section 13 of 14

Additional Supplemental Requirements for Category I Applications Only

10. Alternative Methods of Operation <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
11. Alternative Modes of Operation (Emissions Trading) <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
12. Enhanced Monitoring Plan <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
13. Identification of Additional Applicable Requirements <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
14. Acid Rain Application (Hard-copy Required) <input type="checkbox"/> Acid Rain Part - Phase II (Form No. 62-210.900(1)(a)) Attached, Document ID: _____ <input type="checkbox"/> Repowering Extension Plan (Form No. 62-210.900(1)(a)1.) Attached, Document ID: _____ <input type="checkbox"/> New Unit Exemption (Form No. 62-210.900(1)(a)2.) Attached, Document ID: _____ <input type="checkbox"/> Retired Unit Exemption (Form No. 62-210.900(1)(a)3.) Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable

EMISSIONS POINT No.14
VIBRATING GRIZZLY FEEDER /
RECEIVING HOPPER

III. EMISSIONS UNIT INFORMATION

A separate Emissions Unit Information Section (including subsections A through I as required) must be completed for each emissions unit addressed in this Application for Air Permit. If submitting the application form in hard copy, indicate, in the space provided at the top of each page, the number of this Emissions Unit Information Section and the total number of Emissions Unit Information Sections submitted as part of this application.

A. GENERAL EMISSIONS UNIT INFORMATION

This subsection of the Application for Air Permit form provides general information on the emissions unit addressed in this Emissions Unit Information Section, including information on the type, control equipment, operating capacity, and operating schedule of the emissions unit.

Type of Emissions Unit Addressed in This Section

Check one:

- This Emissions Unit Information Section addresses, as a single emissions unit, a single process or production unit, or activity, which produces one or more air pollutants and which has at least one definable emission point (stack or vent).
- This Emissions Unit Information Section addresses, as a single emissions unit, an individually-regulated emission point (stack or vent) serving a single process or production unit, or activity, which also has other individually-regulated emission points.
- This Emissions Unit Information Section addresses, as a single emissions unit, a collectively-regulated group of process or production units and activities which has at least one definable emission point (stack or vent) but may also produce fugitive emissions.
- This Emissions Unit Information Section addresses, as a single emissions unit, one or more process or production units and activities which produce fugitive emissions only.

Emissions Unit Description and Status

<p>1. Description of Emissions Unit Addressed in This Section:</p> <p style="text-align: center;">Cedarapids, Inc. – Grizzly Feeder / Receiving Hopper.</p>		
<p>2. ARMS Identification Number: <input type="checkbox"/> No Corresponding ID <input checked="" type="checkbox"/> Unknown</p>		
<p>3. Emissions Unit Status Code: C</p>	<p>4. Acid Rain Unit? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>5. Emissions Unit Major Group SIC Code: 14</p>
<p>6. Initial Startup Date (DD-MON-YYYY): Unknown</p>		
<p>7. Long-term Reserve Shutdown Date (DD-MON-YYYY): NA</p>		
<p>8. Package Unit: Portable Reclaimed Asphalt and Concrete Aggregate Processing Unit – Grizzly Feeder / Receiving Hopper. Manufacturer: Cedarapids, Inc. Model Number: Unknown</p>		
<p>9. Generator Nameplate Rating:</p>		
<p>10. Incinerator Information: Dwell Temperature: Dwell Time: Incinerator Temperature :</p>		
<p>11. Emissions Unit Comment: The Grizzly feeder / receiving hopper is used to receive uncrushed material from a front end loader and vibrate it into the primary crusher.</p>		

Emissions Unit Control Equipment

A.

1. Description: The Grizzly feeder / receiving hopper is used to receive uncrushed material from a front end loader and vibrate it into the primary crusher. Water spray bars are located at the entrance and top of the vibrating feeder to dampen the processed materials and to control any emissions generated by this process. The material to be crushed is dampened in it's stockpile as to control fugitive emissions throughout the entire process.
2. Control Device or Method Code: 061, 062, 099

B.

1. Description:
2. Control Device or Method Code:

C.

1. Description:
2. Control Device or Method Code:

Emissions Unit Operating Capacity

1. Maximum Heat Input Rate: None
2. Maximum Incineration Rate:
3. Maximum Process or Throughput Rate: 200 ton/hr as reclaimed concrete or asphalt material (**dependent on material characteristics).
4. Maximum Production Rate: 200 ton/hr as processed (crushed) reclaimed concrete or asphalt aggregate material (**dependent on material characteristics).
5. Operating Capacity Comment: The Grizzly feeder / receiving hopper is used to receive uncrushed material from a front end loader and vibrate it into the primary crusher. Water spray bars are located at the entrance and top of the vibrating feeder to dampen the processed materials and to control any emissions generated by this process. The material to be crushed is dampened in it's stockpile as to control fugitive emissions throughout the entire process.

Emissions Unit Operating Schedule

Requested Maximum Operating Schedule:		
	10 hours/day	6 days/week
	52 weeks/year	3120 hours/year

B. EMISSIONS UNIT REGULATIONS

Depending on the application category, this subsection of the Application for Air Permit form provides either a brief analysis or detailed listing of all federal, state, and local regulations applicable to the emissions unit addressed in this Emissions Unit Information Section.

Rule Applicability Analysis (Required for Category II applications and Category III applications involving non Title-V sources. See Instructions.)

This facility will be subject to 40 CFR, Part 60, subpart 000 rules and regulations.

List of Applicable Regulations (Required for Category I applications and Category III applications involving Title-V sources. See Instructions.)

62-212.200(56) FAC
62-296.800 FAC
40 CFR 60, Subpart 000
62-296.310 (2) FAC
62-297 FAC
62-297.340 FAC
62-210.350 FAC
Chapter 84-446, Section 3(12) FS
62-296.320 FAC
62-296.310(3) FAC
40 CFR 60.11 (d)
62-4 FAC
62-210

C. EMISSION POINT (STACK/VENT) INFORMATION

This subsection of the Application for Air Permit form provides information about the emission point associated with the emissions unit addressed in this Emissions Unit Information Section. An emission point is typically a stack or vent but can be any identifiable location at which air pollutants, including fugitive emissions, are discharged into the atmosphere.

Emission Point Description and Type

1. Identification of Point on Plot Plan or Flow Diagram: Cedarapids, Inc. – Vibrating Grizzly Feeder / Receiving Hopper
2. Emission Point Type Code: <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input checked="" type="checkbox"/> 4
3. Descriptions of Emissions Points Comprising this Emissions Unit: Not Applicable
4. ID Numbers or Descriptions of Emission Units with this Emission Point in Common: NA
5. Discharge Type Code: <input type="checkbox"/> D <input checked="" type="checkbox"/> F <input type="checkbox"/> H <input type="checkbox"/> P <input type="checkbox"/> R <input type="checkbox"/> V <input type="checkbox"/> W
6. Stack Height: Not Applicable
7. Exit Diameter:
8. Exit Temperature:
9. Actual Volumetric Flow Rate:

10. Percent Water Vapor: ~6% moisture
11. Maximum Dry Standard Flow Rate: NA dscfm
12. Nonstack Emission Point Height: ~15 feet
13. Emission Point UTM Coordinates: Zone: 17 East (km): 759.9 North (km): 3152.6
14. Emission Point Comment: Emissions Point will be fugitive only, if any emissions are generated at all.

D. SEGMENT (PROCESS/FUEL) INFORMATION

For the emissions unit addressed in this Emissions Unit Information Section, a separate set of segment data (Fields 1-10) must be completed for each segment required to be reported and for each alternative operating method or mode (emissions trading scenario) under Chapter 62-213, F.A.C., for which the maximum hourly or annual segment-related rate would vary. A segment is a material handling, process, fuel burning, volatile organic liquid storage, production, or other such operation to which emissions of the unit are directly related. See instructions for further details on this subsection of the Application for Air Permit.

2. Segment Description (Process/Fuel Type and Associated Operating Method/Mode):	
<p>Material Handling Process – Cedarapids, Inc. - The Grizzly feeder / receiving hopper is used to receive uncrushed material from a front end loader and vibrate it into the primary crusher. Water spray bars are located at the entrance and top of the vibrating feeder to dampen the processed materials and to control any emissions generated by this process. The material to be crushed is dampened in it's stockpile as to control fugitive emissions throughout the entire process.</p>	
2. Source Classification Code (SCC): 14	
3. SCC Units: tons processed per hour	
4. Maximum Hourly Rate: 200 ton/hr	5. Maximum Annual Rate: 624,000 ton/yr
6. Estimated Annual Activity Factor: NA	
8. Maximum Percent Sulfur: NA	8. Maximum Percent Ash:
9. Million Btu per SCC Unit:	
10. Segment Comment:	

1. Segment Description (Process/Fuel Type and Associated Operating Method/Mode):	
2. Source Classification Code (SCC):	
3. SCC Units:	
4. Maximum Hourly Rate:	5. Maximum Annual Rate:
6. Estimated Annual Activity Factor:	
7. Maximum Percent Sulfur:	8. Maximum Percent Ash:
9. Million Btu per SCC Unit:	
10. Segment Comment:	

E. POLLUTANT INFORMATION

For the emissions unit addressed in this Emissions Unit Information Section, a separate set of pollutant information must be completed for each pollutant required to be reported. See instructions for further details on this subsection of the Application for Air Permit.

Pollutant Potential/Estimated Emissions: Pollutant 1 of 1

1. Pollutant Emitted: PM10		
2. Total Percent Efficiency of Control: 90%		
3. Primary Control Device Code: 061, 062, and 099		
4. Secondary Control Device Code: NA		
5. Potential Emissions:	0.42 lb/hr	0.66 ton/yr
6. Synthetically Limited? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
7. Range of Estimated Fugitive/Other Emissions: <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <u>0</u> to <u>0</u> tons/year		
8. Emission Factor: 0.0021 lbs/ton Reference: AP-42, Table 3.3-1		
9. Emissions Method Code: <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input checked="" type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5		
10. Calculation of Emissions: $PM10_{yearly} = [(200 \text{ ton/hr})(3120 \text{ hr/yr})(0.0021 \text{ lb/ton})] / 2000 \text{ lb/ton} = 0.66 \text{ ton/yr}$ $PM10_{hour} = (200 \text{ ton/hr})(0.0021 \text{ lb/ton}) = 0.42 \text{ lb/hr}$		
11. Pollutant Potential/Estimated Emissions Comment:		

Allowable Emissions

1. Basis for Allowable Emissions Code: This facility will be subject to 40 CFR, Part 60, subpart 000 rules and regulations.
2. Future Effective Date of Allowable Emissions: Initial Visible Emissions Compliance Test
3. Requested Allowable Emissions and Units: 10 % Opacity
4. Equivalent Allowable Emissions: lb/hour tons/year
5. Method of Compliance: Annual EPA Method 9 Compliance Testing.
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode):

1. Basis for Allowable Emissions Code
2. Future Effective Date of Allowable Emissions:
3. Requested Allowable Emissions and Units:
4. Equivalent Allowable Emissions: lb/hr tons/year
5. Method of Compliance:
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode):

F. VISIBLE EMISSIONS INFORMATION

This subsection of the Application for Air Permit form must be completed for only those emissions units which are subject to a visible emissions limitation. The intent of this subsection of the form is to identify each activity associated with the emissions unit addressed in this section for which a separate opacity limitation would be applicable. Visible emission subtype codes for each such activity are listed in the instructions for Field

1. Most emissions units will be subject to a "subtype VE" limit only.

Visible Emissions Limitation: Visible Emissions Limitation 1 of 1

1. Visible Emissions Subtype:	VE
2. Basis for Allowable Opacity:	<input checked="" type="checkbox"/> Rule <input type="checkbox"/> Other
3. Requested Allowable Opacity:	Normal Conditions: 10 % Exceptional Conditions: 10 % Maximum Period of Excess Opacity Allowed: 0 min/hour
4. Method of Compliance:	Annual EPA Method 9 Visible Emissions Compliance Testing.
5. Visible Emissions Comment:	

G. CONTINUOUS MONITOR INFORMATION

This subsection of the Application for Air Permit form must be completed for only those emissions units which are required by rule or permit to install and operate one or more continuous emission, opacity, flow, or other type monitors. A separate set of continuous monitor information (Fields 1-6) must be completed for each monitoring system required.

Continuous Monitoring System:

1. Parameter Code:	NOT APPLICABLE	
2. CMS Requirement:	<input type="checkbox"/> Rule	<input type="checkbox"/> Other
3. Monitor Information:		
Manufacturer:		
Model Number:	Serial Number:	
4. Installation Date (DD-MON-YYYY):		
5. Performance Specification Test Date (DD-MON-YYYY):		
6. Continuous Monitor Comment:		

I. PREVENTION OF SIGNIFICANT DETERIORATION (PSD) INCREMENT TRACKING INFORMATION

This subsection of the Application for Air Permit form must be completed for all applications, not just those undergoing prevention-of-significant-deterioration (PSD) review pursuant to Rule 62-212.400, F.A.C. The intent of this subsection is to make a preliminary determination as to whether the emissions unit addressed in this Emissions Unit Information Section consumes PSD increment. PSD increment is consumed (or expanded) as a result of emission increases (decreases) occurring after pollutant-specific baseline dates. Pollutants for which baseline dates have been established are sulfur dioxide, particulate matter, and nitrogen dioxide.

PSD Increment Consumption Determination

1. Increment Consuming for Particulate Matter or Sulfur Dioxide?

If the emissions unit addressed in this section emits particulate matter or sulfur dioxide, answer the following series of questions to make a preliminary determination as to whether or not the emissions unit consumes PSD increment for particulate matter or sulfur dioxide. Check the first statement, if any, that applies and skip remaining statements.

-] The emissions unit is undergoing PSD review as part of this application, or has undergone PSD review previously, for particulate matter or sulfur dioxide. If so, emissions unit consumes increment.
-] The facility addressed in this application is classified as an EPA major source pursuant to paragraph © of the definition of "major source of air pollution" in Chapter 62-213, F.A.C., and the emissions unit addressed in this section commenced (or will commence) construction after January 6, 1975. If so, baseline emissions are zero, and emissions unit consumes increment.
-] The facility addressed in this application is classified as an EPA major source, and the emissions unit began initial operation after January 6, 1975, but before December 27, 1977. If so, baseline emissions are zero, and emissions unit consumes increment.
-] For any facility, the emissions unit began (or will begin) initial operation after December 27, 1977. If so, baseline emissions are zero, and emissions unit consumes increment.
-] None of the above apply. If so, the baseline emissions of the emissions unit are nonzero. In such case, additional analysis, beyond the scope of this application, is needed to determine whether changes in emissions have occurred (or will occur) after the baseline date that may consume or expand increment.

2. Increment Consuming for Nitrogen Dioxide?

If the emissions unit addressed in this section emits nitrogen oxides, answer the following series of questions to make a preliminary determination as to whether or not the emissions unit consumes PSD increment for nitrogen dioxide. Check first statement, if any, that applies and skip remaining statements.

-] The emissions unit addressed in this section is undergoing PSD review as part of this application, or has undergone PSD review previously, for nitrogen dioxide. If so, emissions unit consumes increment.
-] The facility addressed in this application is classified as an EPA major source pursuant to paragraph © of the definition of "major source of air pollution" in Chapter 62-213, F.A.C., and the emissions unit addressed in this section commenced (or will commence) construction after February 8, 1988. If so, baseline emissions are zero, and emissions unit consumes increment.
-] The facility addressed in this application is classified as an EPA major source, and the emissions unit began initial operation after February 8, 1988, but before March 28, 1988. If so, baseline emissions are zero, and emissions unit consumes increment.
-] For any facility, the emissions unit began (or will begin) initial operation after March 28, 1988. If so, baseline emissions are zero, and emissions unit consumes increment.
-] None of the above apply. If so, the baseline emissions of the emissions unit are nonzero. In such case, additional analysis, beyond the scope of this application, is needed to determine whether changes in emissions have occurred (or will occur) after the baseline date that may consume or expand increment.

3. Increment Consuming/Expanding Code:			
PM	<input type="checkbox"/>] C	<input type="checkbox"/>] E	<input checked="" type="checkbox"/>] No
SO2	<input type="checkbox"/>] C	<input type="checkbox"/>] E	<input checked="" type="checkbox"/>] No
NO2	<input type="checkbox"/>] C	<input type="checkbox"/>] E	<input checked="" type="checkbox"/>] No
4. Baseline Emissions: (for diesel generator only)			
PM	lb/hour	tons/year	

Emissions Unit Information Section 14 of 14

EMISSIONS UNIT SUPPLEMENTAL INFORMATION

This subsection of the Application for Air Permit form provides supplemental information related to the emissions unit addressed in this Emissions Unit Information Section. Supplemental information must be submitted as an attachment to each copy of the form, in hard-copy or computer-readable form.

Supplemental Requirements for All Applications

1. Process Flow Diagram <input checked="" type="checkbox"/> Attached, Document ID: <u>III</u> <input type="checkbox"/> Not Applicable <input type="checkbox"/> Waiver Requested
2. Fuel Analysis or Specification <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable <input type="checkbox"/> Waiver Requested
3. Detailed Description of Control Equipment <input checked="" type="checkbox"/> Attached, Document ID: <u>VI</u> <input type="checkbox"/> Not Applicable <input type="checkbox"/> Waiver Requested
4. Description of Stack Sampling Facilities <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable <input type="checkbox"/> Waiver Requested
5. Compliance Test Report <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Previously submitted, Date: _____ <input checked="" type="checkbox"/> Not Applicable
6. Procedures for Startup and Shutdown <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
7. Operation and Maintenance Plan <input checked="" type="checkbox"/> Attached, Document ID: <u>VII</u> <input type="checkbox"/> Not Applicable
8. Supplemental Information for Construction Permit Application <input checked="" type="checkbox"/> Attached, Document ID: <u>V</u> <input type="checkbox"/> Not Applicable
9. Other Information Required by Rule or Statute <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable

Emissions Unit Information Section 14 of 14

Additional Supplemental Requirements for Category I Applications Only

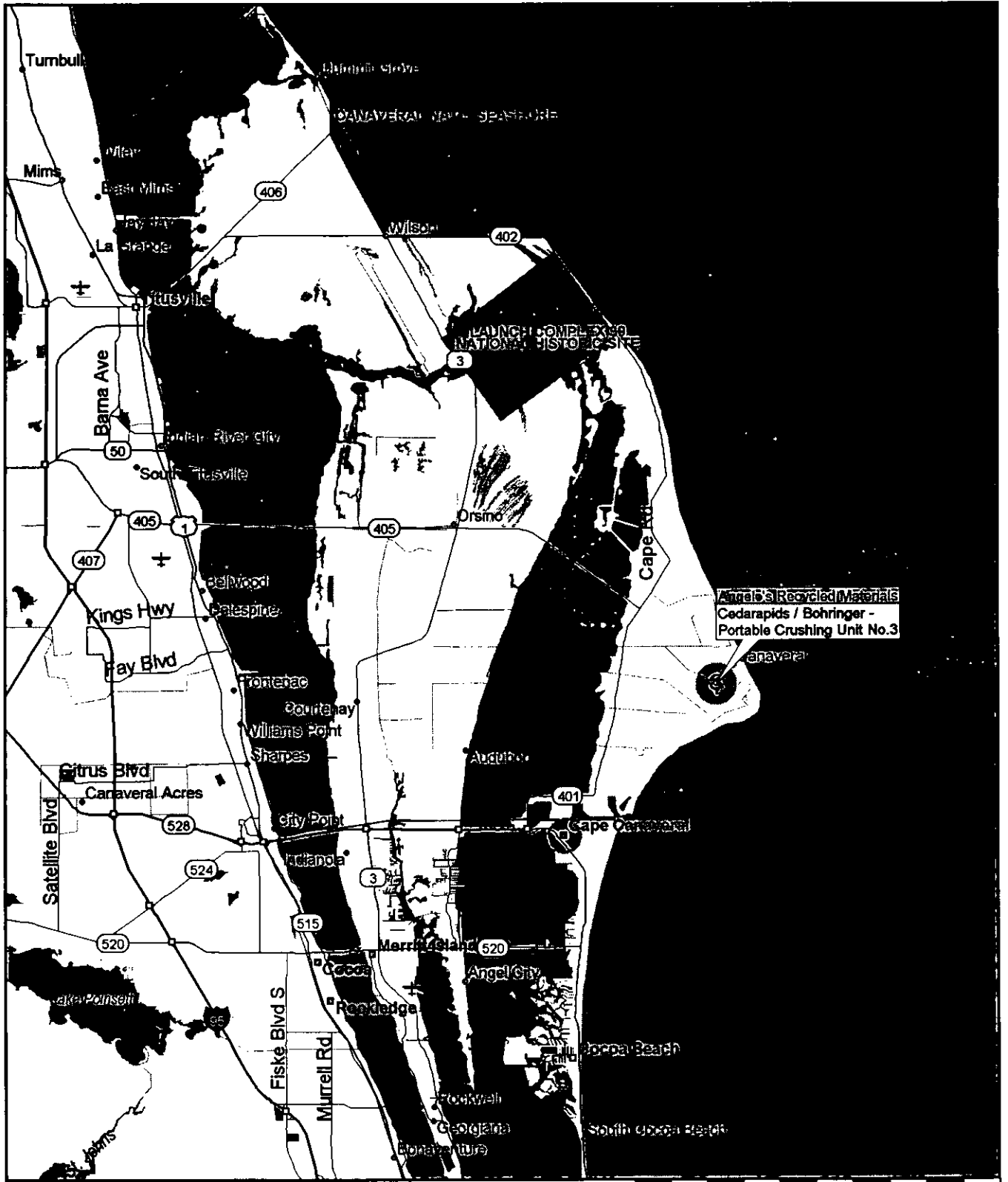
10. Alternative Methods of Operation <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
11. Alternative Modes of Operation (Emissions Trading) <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
12. Enhanced Monitoring Plan <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
13. Identification of Additional Applicable Requirements <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
14. Acid Rain Application (Hard-copy Required) <input type="checkbox"/> Acid Rain Part - Phase II (Form No. 62-210.900(1)(a)) Attached, Document ID: _____ <input type="checkbox"/> Repowering Extension Plan (Form No. 62-210.900(1)(a)1.) Attached, Document ID: _____ <input type="checkbox"/> New Unit Exemption (Form No. 62-210.900(1)(a)2.) Attached, Document ID: _____ <input type="checkbox"/> Retired Unit Exemption (Form No. 62-210.900(1)(a)3.) Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable

TABLE OF CONTENTS

- I. FACILITY LOCATION**
- II. SITE PLAN**
- III. FLOW DIAGRAM**
- IV. PRECAUTIONS TO PREVENT
FUGITIVE EMISSIONS**
- V. SUPPLEMENTAL
INFORMATION**
- VI. CONTROL EQUIPMENT**
- VII. O & M PLAN**
- VIII. TYPICAL FUEL ANALYSIS**

I. FACILITY LOCATION

ANGELO'S RECYCLED MATERIALS, INC.
 Portable Crushing Plant No.3



Microsoft Streets
Streets98

CAPE CANAVERAL AIR FORCE STATION



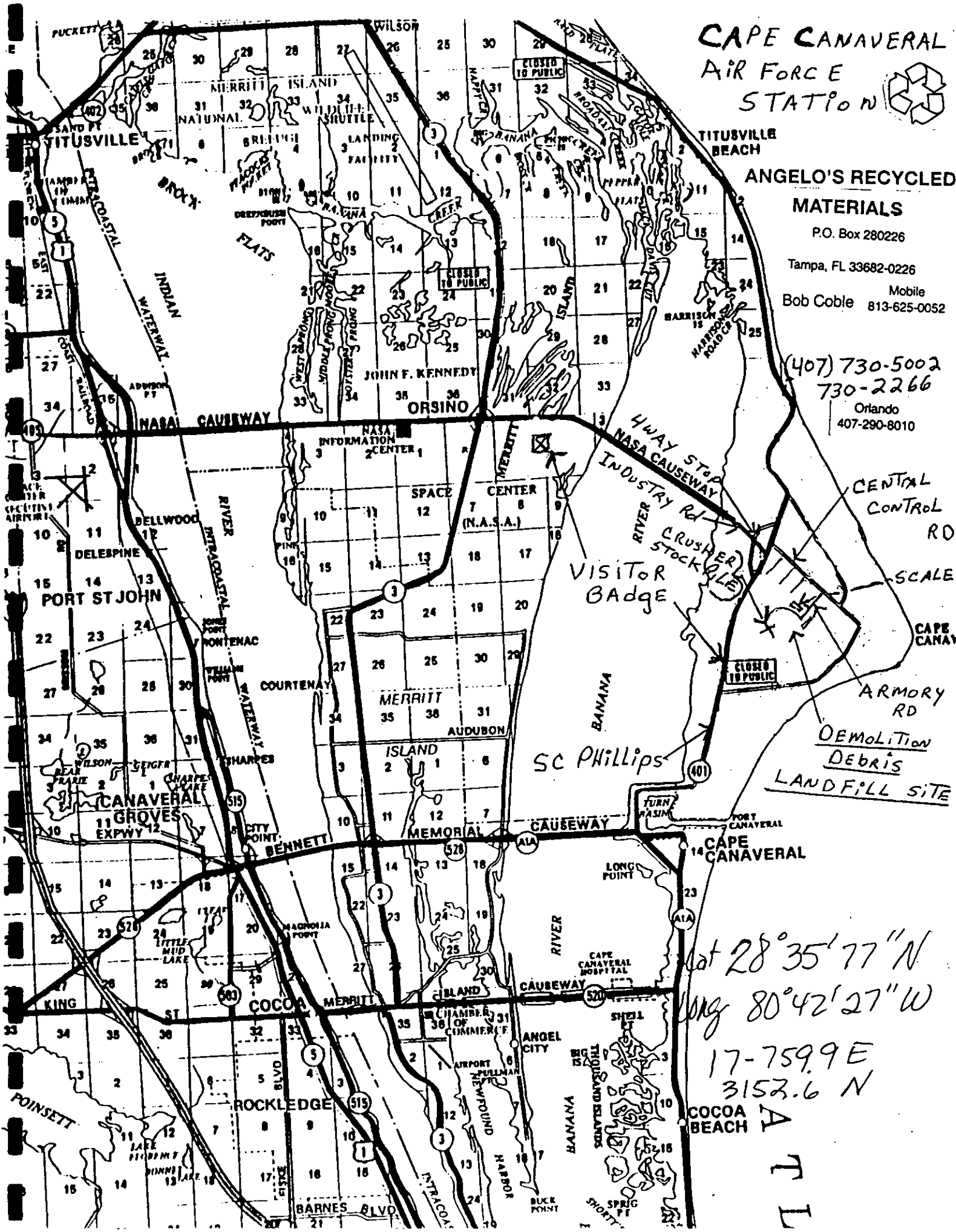
**ANGELO'S RECYCLED
MATERIALS**

P.O. Box 280226

Tampa, FL 33682-0226

Mobile
Bob Coble 813-625-0052

(407) 730-5002
730-2266
Orlando
407-290-8010

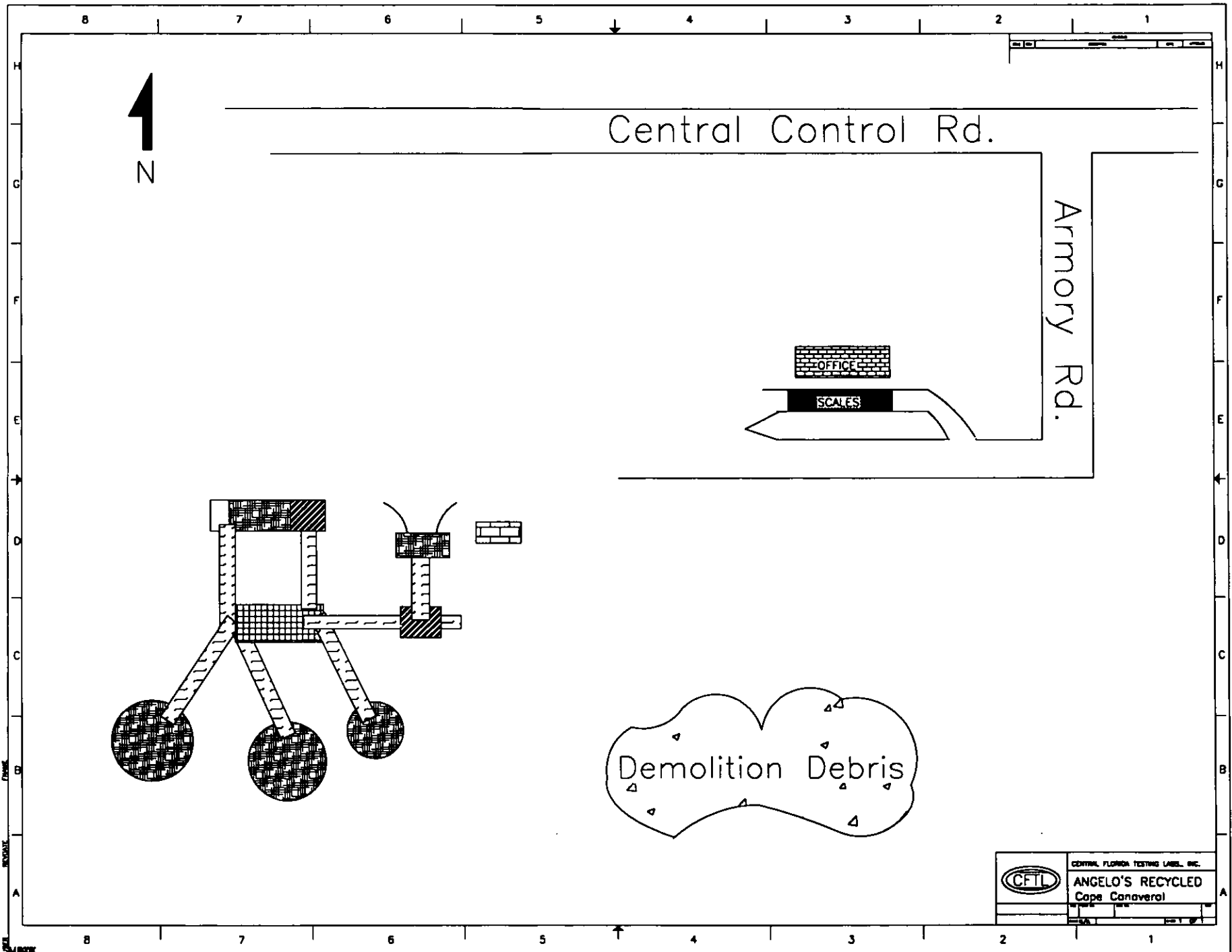


Lat 28° 35' 77" N
Long 80° 42' 27" W

17-759.9 E
3152.6 N

A
T
L

II. SITE PLAN



1
N

Central Control Rd.

Armory Rd.

OFFICE

SCALES

Demolition Debris

	CENTRAL FLORIDA TESTING LABEL, INC.
	ANGELO'S RECYCLED Cape Canaveral

III. FLOW DIAGRAM

PROCESS DESCRIPTION

This project consists of a portable secondary crushing plant that will be utilized to recycle reclaimed concrete and asphalt material at various sites throughout the State of Florida, for use as demolition recycling, base material and fill by contracting companies and for sale to the general public.

The process begins with the transfer of reclaimed concrete and asphalt material that has been scalped or excavated from bridges, highways, parking lots, building demolition, etc. is brought to the temporary by dump truck and stockpiled for crushing or the crushing unit is brought to the site of demolition where material has been stockpiled for crushing. This stockpiled material, usually in chunk form ranging from one to twenty inches in diameter contains very little if any fine material and therefore is virtually dust free. This material is too large to reuse in it's reclaimed size, so it has to be screened and crushed to various practical aggregate sizes. The reclaimed concrete are transferred from their stockpiles by a front-end-loader into the vibrating grizzly feeder hopper. From this hopper the reclaimed material vibrates into the crusher where it is crushed to a desired size and drops onto the vibrating screener below the crusher. This crushed material is then transferred by conveyor belt to a metal extractor that removes any metal that may have been within the reclaimed material. After passing the metal extractor the material is then dropped to another conveyor belt where it travels to the screening system. Once the material reaches and drops onto the portable discharge system any over size material is transferred back to the secondary crusher by conveyor, then passes through the secondary crushing unit onto a material conveying belt where it travels back to the screening system, whereas the material that passes through several screens and is dropped onto a appropriate conveyer/stacker belts that stockpiles the material for reuse at a later time.

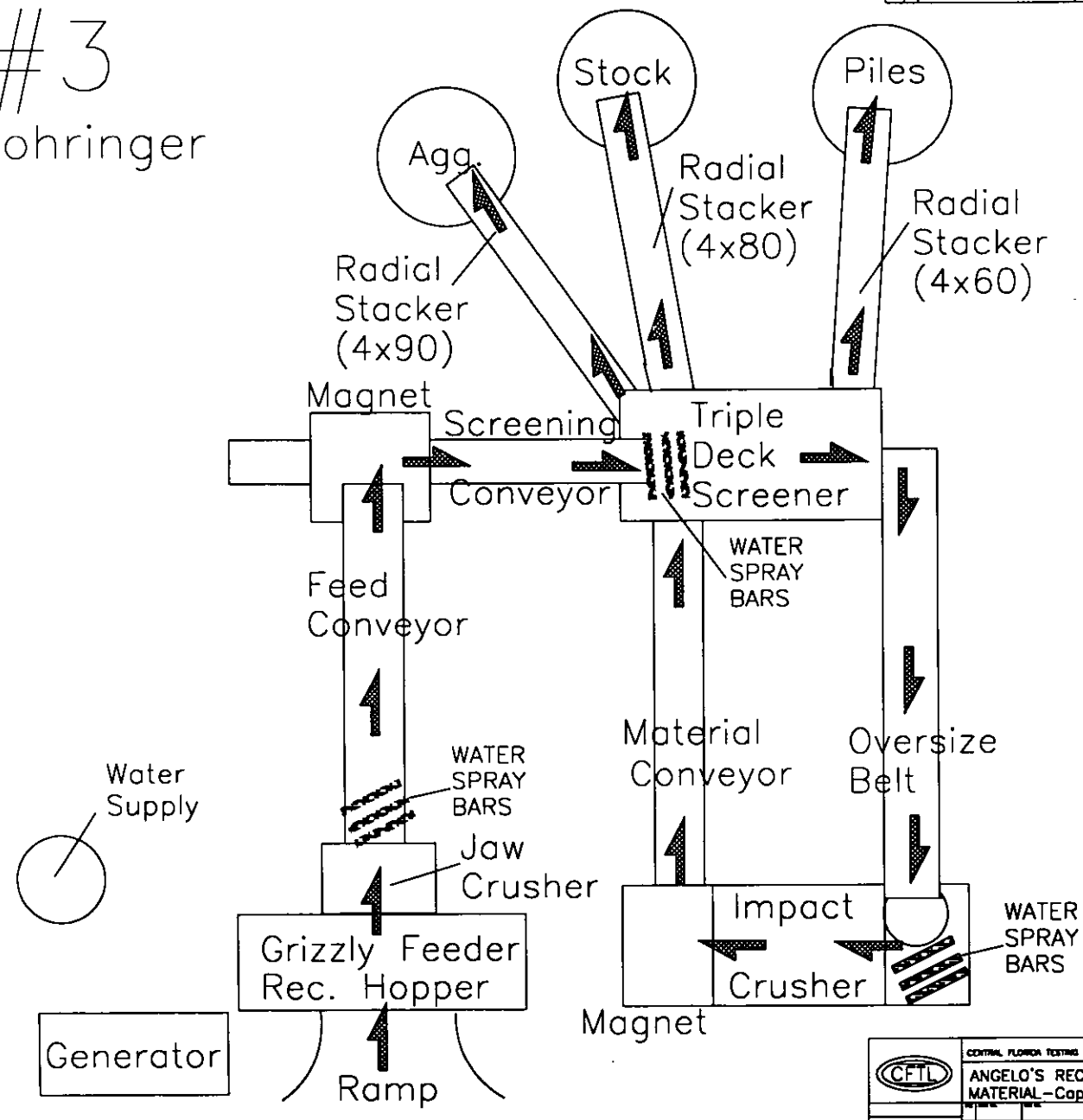
The majority of fugitive dust created during this process is generated by the vibrating feeder hopper, crushers and at the drop point below the crusher. These emission points as well as all transfer and drop points throughout the plant will be controlled by a self-made water spray bar / spray head dust suppression system that employs spray bars and spray heads at the various emission points throughout the plant. Any fugitives generated by vehicular traffic, winds and airborne particulate from stockpiles will be controlled by the constant use of a water truck employed at this facility and at the different jobsites to keep the entire facility dampened, to control these emissions.

This facility will comply with all FDEP Rules and Regulations referencing portable crushing plants of this type.

Plant #3

Cedarapids/Bohringer Process

Flow Diagram



CFTL
CENTRAL FLORIDA TESTING LABS, INC.
ANGELO'S RECYCLED MATERIAL - Cape Can.

**IV. PRECAUTIONS TO PREVENT
FUGITIVE EMISSIONS**

FUGITIVE EMISSION CONTROL

Precautions to control and prevent fugitive emissions at this facility are accomplished in several different ways. Any stockpiles at this facility are kept damp by sprinker systems and a water truck to control airborne emissions from prevailing winds. Fugitive emissions from vehicular traffic is controlled by dampening roadways with a water truck and posting and enforcing a 5 mph speed limit throughout the facility. .

V. SUPPLEMENTAL INFORMATION

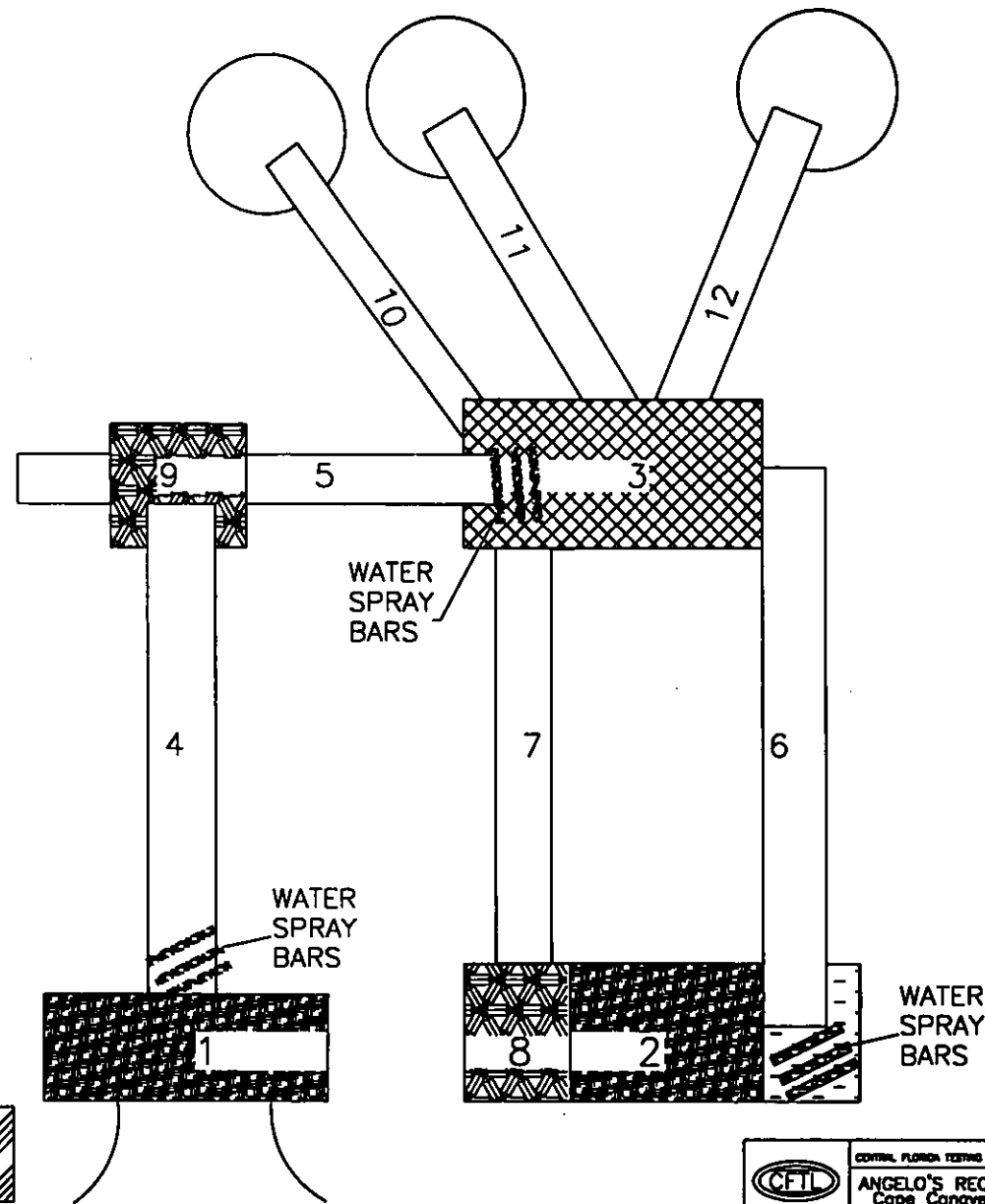
ANGELO'S RECYCLED MATERIALS, INC. - Plant No.3

Total Emissions Produced by Facility

Point	Emission Point Name	PM10 lb/hr	PM10 ton/yr	SOx lb/hr	SOx ton/yr	CO lb/hr	CO ton/yr	NOx lb/hr	NOx ton/yr	TOC lb/hr	TOC ton/yr
001	Primary Jaw Crusher	0.12	0.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
002	Secondary Impact Crusher	0.12	0.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
003	Triple Deck Screener (7x 20')	0.42	0.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
004	Feed Conveyor (4 x 30')	0.10	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
005	Screening Conveyor (4 x 60')	0.10	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
006	Oversize Belt (4 x 60')	0.10	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
007	Material Conveyor (4 x 65')	0.10	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
008	Radial Stacker Belt (4 x 90')	0.10	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
009	Radial Stacker Belt (4 x 80')	0.10	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
010	Radial Stacker Belt (4 x 60')	0.10	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
011	Caterpillar 800kW Generator	1.28	2.00	1.20	1.87	3.93	6.14	18.26	28.49	1.49	2.32
012	Paved / Unpaved Roads	0.32	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
013	Stockpiles / Conveyor Drops	0.16	0.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
014	Feeder / Receiving Hopper	0.42	0.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	TOTALS:	3.54	5.49	1.20	1.87	3.93	6.14	18.26	28.49	1.49	2.32

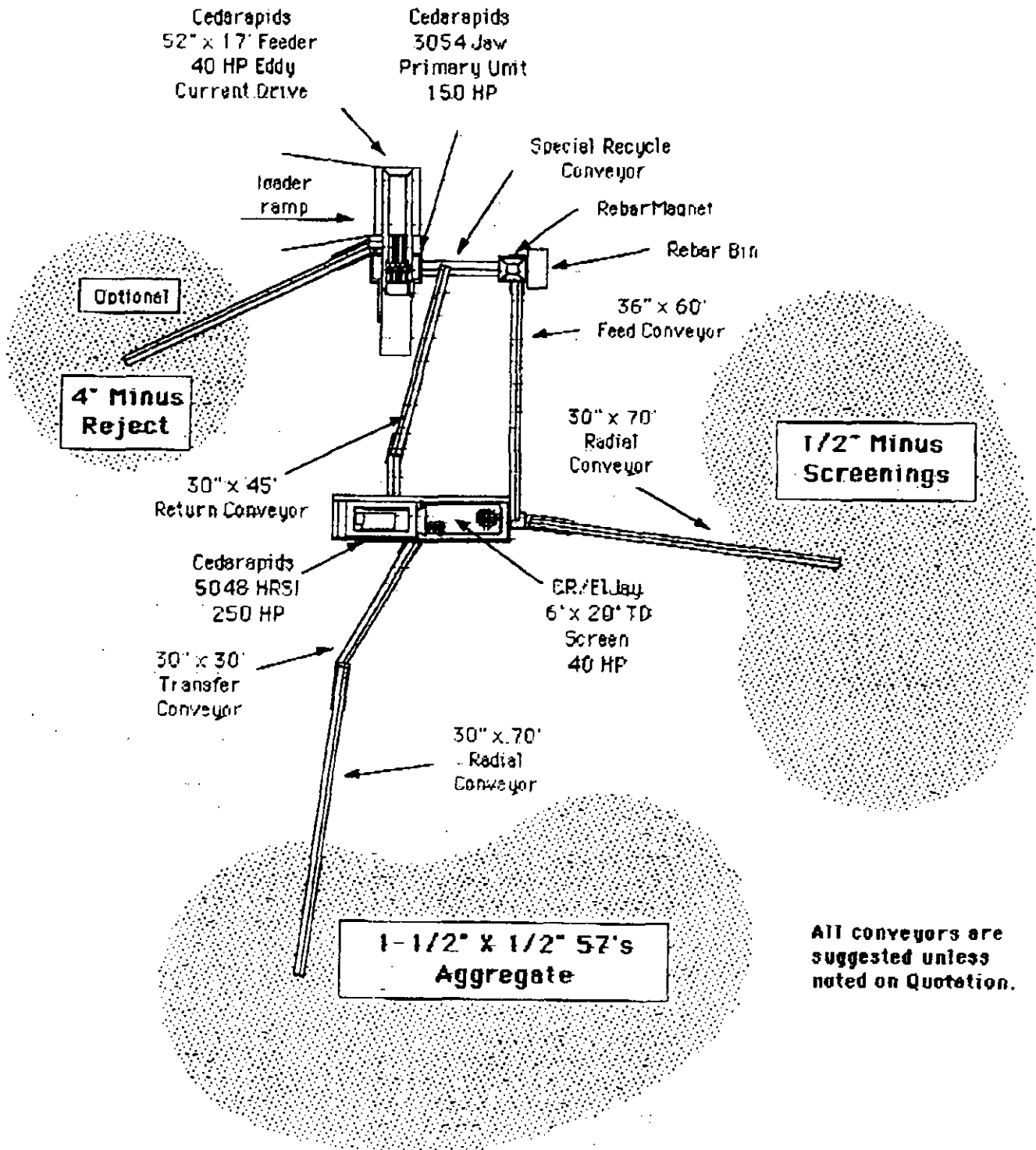
Plant #3 cape can.

1. Cedarapids 3054 Jaw Crusher
2. Bohringer RC-14 Ser.#12-5890
3. Cedarapids Triple Deck Screener (7'x20')
4. Feed Conveyor (4'x30')
5. Screening Conveyor (4'x50')
6. Oversize Belt (4'x60')
7. Material Conveyor (4'x65')
8. Electro Magnet (3'x6')
9. Electro Magnet (3'x6')
- 10.Radial Stacker #1 (4'x90')
- 11.Radial Stacker #2 (4'x80')
- 12.Radial Stacker #3 (4'x60')
- 13.Water Supply
- 14.Caterpillar Generator Set

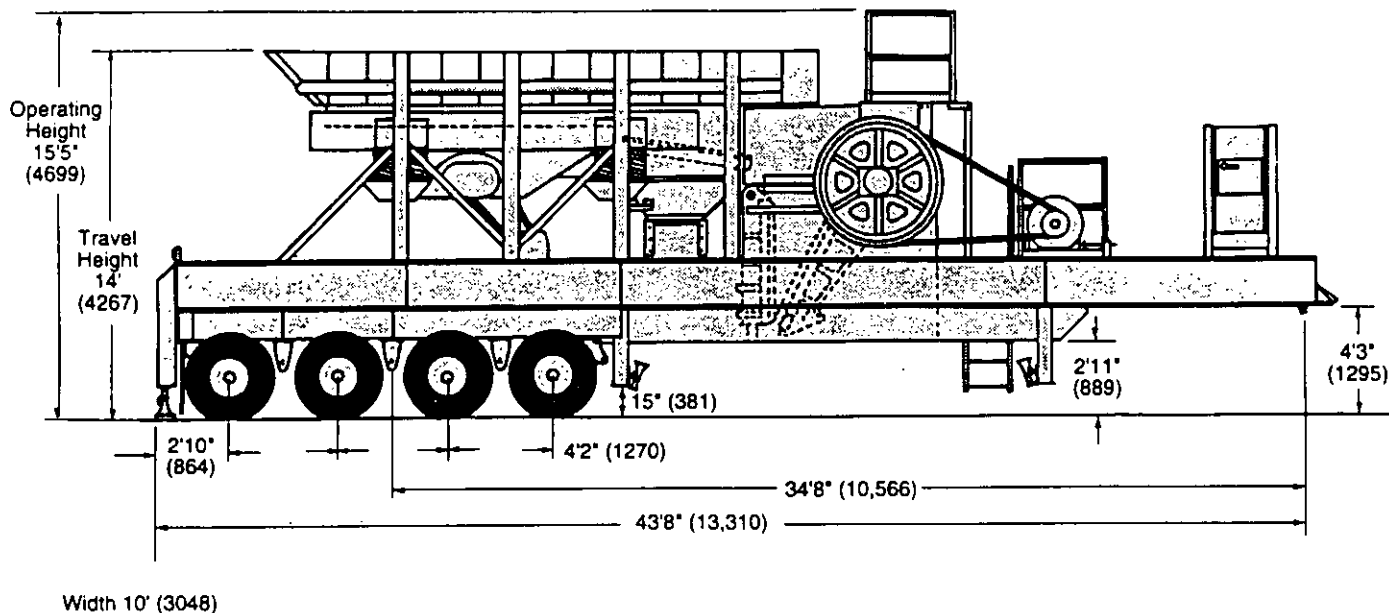


	CENTRAL FLORIDA TESTING LABOR, INC.	
	ANGELO'S RECYCLED Cape Canaveral	
DATE	TIME	BY

TYPICAL CEDARAPIDS/ELJAY CONCRETE RECYCLING PLANT



All conveyors are suggested unless noted on Quotation.

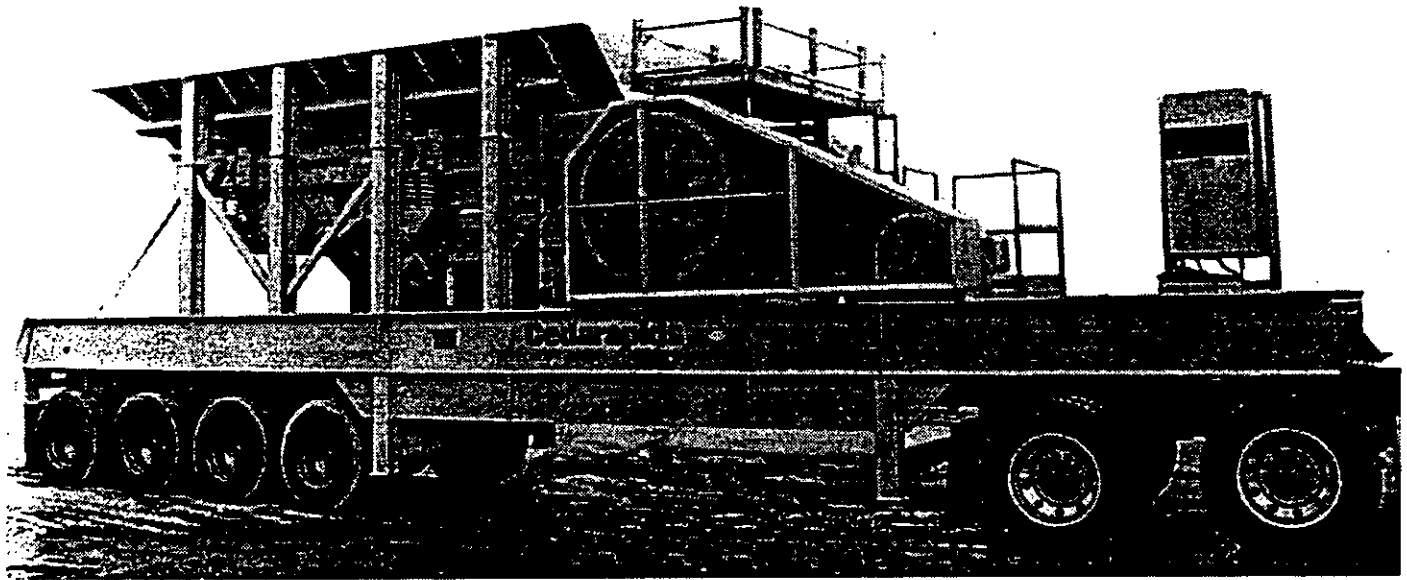


Specifications

Jaw Crusher 30" x 54" (762 x 1372 mm)
 operating speed 225-275 rpm
 Feeder 52" x 17' (1321 x 5182 mm)
 operating speed 600-900 rpm
 Grizzly 60" (1524 mm) long; 3" (76 mm) avg. opening
 Pan liners 1/2" (12.7 mm)
 Hopper capacity 9 cu. yd.
 Tires (16) 11:00 x 22.5 tubeless
 Horsepower
 Jaw 150 hp, 1200 rpm, electric, tefc
 Feeder 40 hp, variable speed eddy current, 300-1650 rpm

Optional jaw power 200 hp, 1200 rpm, tefc, electric
 207 hp, 1800 rpm, 8.3L diesel
 Weight of plant (no options)
 Total 102,610 lbs (46,544 kg)
 King Pin 39,170 lbs (17,768 kg)
 Rear 63,440 lbs (28,776 kg)
 Weight of plant (with all options)
 Total 111,860 lbs (50,740 kg)
 King Pin 44,850 lbs (20,344 kg)
 Rear 67,010 lbs (30,396 kg)

Design and specifications subject to change without notice.
 Design features may be covered by patents issued and/or patents applied for.



Standard Features

Jaw Crusher

Fabricated, stress-relieved submerged arc welded steel base
Drop forged, heat-treated, 4340 chrome-nickel-steel eccentric shaft
Hydraulic shim adjustment
Reversible manganese steel jaw dies
Manganese steel key plates
Massive grooved, split hub flywheel
Large, spherical self-aligning roller bearings

Main Drive

V-belt drive to jaw crusher with guard
Adjustable motor mount

Vibrating Feeder

8° sloped welded bar grizzly section
Adjustable angle of throw

Engineered bolt-in side liners

Feeder pan liners

Eddy current variable speed drive

Spring mounting

Motor pivot base

Loading hopper with sloped sides

Bypass chute to divert material passing through grizzly section to discharge area, removable midsection of bypass chute allows for use of optional cross conveyor

Main Frame with Quad Axle

Fifth wheel kingpin

Flaps, brake and turn signals

Quad-axle air brakes

Operator's platform with access ladder

Cribbing supports

Optional Equipment

Unit-mounted electrical panel, wiring and operator's push-button station

Set of six screw type stabilizing jacks with supports

Diesel drive system with 200 hp, 1800 rpm engine (for jaw power only)

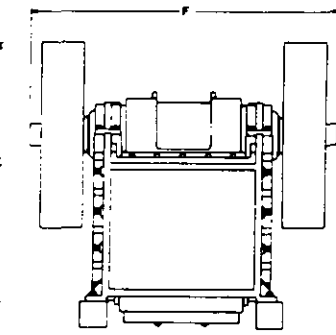
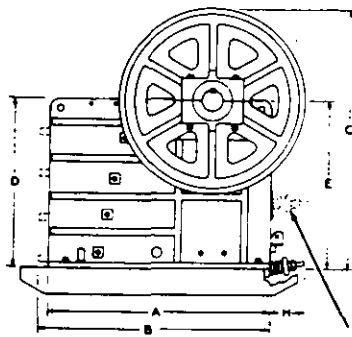
200 hp electric motor for jaw power

30" (726 mm) side cross conveyor with 7.5 hp (5.6 kW) electric motor

Battery operated leveling jacks

Cedarapids

A Raytheon Company



Tension spring location on 1016, 1020

Recommended Openings at Closed Stroke - Inches & (mm)

Size	Min.	Max.	Size	Min.	Max.
1016	¼ (19)	3½ (89)	2248	2½ (64)	6 (152)
1020	¼ (19)	3½ (89)	2436	2½ (64)	6 (152)
1024	¼ (19)	3½ (89)	2438	4½ (114)	8 (203)
1036	1½ (38)	3½ (89)	2542	3½ (89)	10 (254)
1236	1½ (38)	5 (127)	2742	3½ (89)	10 (254)
1242	1½ (38)	5 (127)	3042	4 (102)	13 (330)
1248	1½ (38)	5 (127)	3054	3½ (89)	13 (330)
1524	1½ (38)	5 (127)	3242	4 (102)	13 (330)
1636	1½ (38)	5 (127)	3648	4 (102)	13 (330)
1642	1½ (38)	5 (127)	3660	4 (102)	13 (330)
1648	1½ (38)	5 (127)	4242	14 (356)	23 (584)
1824	1½ (38)	5 (127)	4248	4 (102)	13 (330)
1836	1½ (38)	5 (127)	5460	6 (152)	20 (508)
2236	2½ (64)	6 (152)	5748	19 (483)	28 (711)

Dimension to the nearest Inch and 5mm

Model	1016	1020	1024	1036	1236	1242	1248	1524	1636	1642	1648	1824	1836	2236
A	40 1015	48 1220	45 1145	48 1220	48 1220	56 1420	59 1500	55 1395	61 1550	71 1800	66 1675	56 1420	64 1625	65 1650
B	-	-	-	-	-	-	-	-	-	73 1855	-	-	-	-
C	41 1040	46 1170	46 1170	46 1170	51 1295	55 1395	56 1420	57 1445	63 1600	76 1930	70 1780	57 1445	63 1600	77 1955
D	24 610	28 710	28 710	28 710	32 810	33 840	35 890	36 915	41 1040	46 1170	41 1040	36 915	41 1040	48 1220
E	26 660	28 710	28 710	28 710	33 840	34 865	35 890	39 990	42 1065	48 1220	42 1065	39 990	42 1065	49 1245
F	58 1470	72 1830	72 1830	81 2055	81 2055	98 2490	104 2640	67 1700	92 2335	99 2515	94 2385	77 1955	92 2335	92 2335
G	22 560	26 660	27 685	41 1040	41 1040	47 1195	53 1345	27 685	41 1040	47 1195	53 1345	27 685	41 1040	43 1090
H	14 355	14 355	21 535	18 455	19 480	20 510	19 480	18 455	16 405	20 510	16 405	19 480	16 405	17 430

Model	2248	2436	2438	2542	2742	3042	3054	3242	3648	3660	4242	4248	5748	5460
A	79 2005	88 2235	67 1700	82 2080	88 2235	88 2235	88 2235	93 2360	107 2715	118 2995	103 2615	123 3125	138 3505	149 3785
B	81 2055	91 2310	-	85 2160	88 2235	91 2311	91 2311	99 2515	113 2870	-	109 2770	126 3200	141 3580	152 3860
C	83 2110	89 2260	77 1955	93 2360	92 2337	92 2337	92 2337	105 2665	120 3050	125 3175	105 2665	137 3480	137 3480	172 4370
D	52 1320	61 1550	50 1270	63 1600	62 1575	62 1575	63 1600	75 1905	82 2080	86 2185	75 1905	96 2440	96 2440	127 3225
E	54 1370	61 1550	49 1245	65 1650	64 1626	64 1626	64 1626	77 1955	84 2135	88 2235	77 1955	101 2565	101 2565	130 3300
F	99 2515	94 2385	92 2335	95 2415	99 2515	99 2515	110 2795	99 2515	101 2565	119 3025	99 2515	120 3050	120 3050	140 3555
G	53 1345	43 1090	43 1090	45 1145	47 1195	47 1195	69 1755	47 1195	52 1320	78 1980	47 1195	55 1395	55 1395	67 1700
H	16 405	17 430	18 455	19 480	17 430	17 430	20 510	22 560	20 510	28 711	22 560	20 510	20 510	18 455

Standard Features

Fabricated, stress-relieved welded steel base
 Rib-reinforced side plates
 Close-tolerance machining of jaw plate backs and seating surfaces
 Reversible key plates through model 2438
 Drop-forged, heat-treated, chrome-nickel-steel overhead eccentric shaft
 Spherical self-aligning roller bearings

Hydraulic bearing removal for 3648 side bearing, models 4248 and 5460 side and pitman bearings
 Cast steel pitman
 Hydraulic/shim toggle seat adjustment (discharge opening) except wedge adjustment on 1016 and 1020
 One smooth and one grooved flywheel
 Split-hub flywheels
 Standard left-hand drive (face tension spring)

Options

V-belt drives
 Grooving second flywheel
 Circulating oil lubrication system with reservoir and low-oil alarm for 1836 and above
 Steel skid for crusher and motor for 2236 and above

Motor platform for 2236 and above
 Operator's platform, ladder, crusher hopper for 2236 and above
 Stationary grizzly with bypass chute for 2236 and above
 Undercrusher discharge chute to belt conveyor, end or side discharge, for 2236 and above

Dimensions to nearest inch and mm - weights (kg)

Model	1016	1020	1024	1036	1236	1242	1248	1524	1636	1642	1648	1824	1836	2236
Weights	5306 2406	7000 3175	8255 3744	12,551 5693	13,978 6340	19,936 9042	24,300 11022	12,305 5581	21,003 9527	33,998 15421	28,406 12885	12,426 5636	21,280 9653	24,903 11296
HP	20-30	25-40	40-50	55-70	60-75	70-100	80-120	40-60	60-90	100-130	100-150	40-60	60-90	90-125
RPM	300	250-300	250-300	250-300	250-300	250-300	250-300	250-300	250-300	250-300	250-300	250-300	250-300	250-300
Jaw Opening	10x16 255x405	10x20 255x510	10x24 255x610	10x36 255x915	12x36 305x915	12x42 305x106 5	12x48 305x122 0	15x24 380x610	16x36 405x915	16x42 405x106 5	16x48 405x1220	18x24 455x610	18x36 455x915	22x36 560x915
Shaft Dia.	3.937	4.4375	4.4375	5.4375	5.9375	6.4375	6.4375	4.921	6.4375	8.6603	7.091	4.921	6.4375	6.4375
Side Bearing	85	113	113	138	151	164	164	125	164	220	180	125	164	164
Shaft Dia.	5.120	5.907	5.907	7.4821	7.8764	7.875	7.875	6.694	7.875	10.2383	8.664	6.694	7.875	7.875
Pitman Bearing	130	150	150	190	200	200	200	170	200	260	220	170	200	200
Std. Grooved Flywheel Dia.	30 760	36 915	36 915	36 915	36 915	42 1065	42 1065	36 915	42 1065	55 1395	42 1065	36 915	42 1065	50 1270
Face Std. Flywheel	7 175	11 280	11 280	11 280	11 280	12 305	12 305	11 280	12 305	13 330	12 305	11 280	12 305	13 330
Stationary Jaw Length	20 510	22 560	21 535	24 610	28 710	29 735	29 735	34 865	34 865	38 965	34 865	33 840	34 865	43 1090
Movable Jaw Length	26 660	27 685	27 685	27 685	31 785	33 840	34 865	40 1015	41 1040	45 1145	41 1040	40 1015	41 1040	50 1270

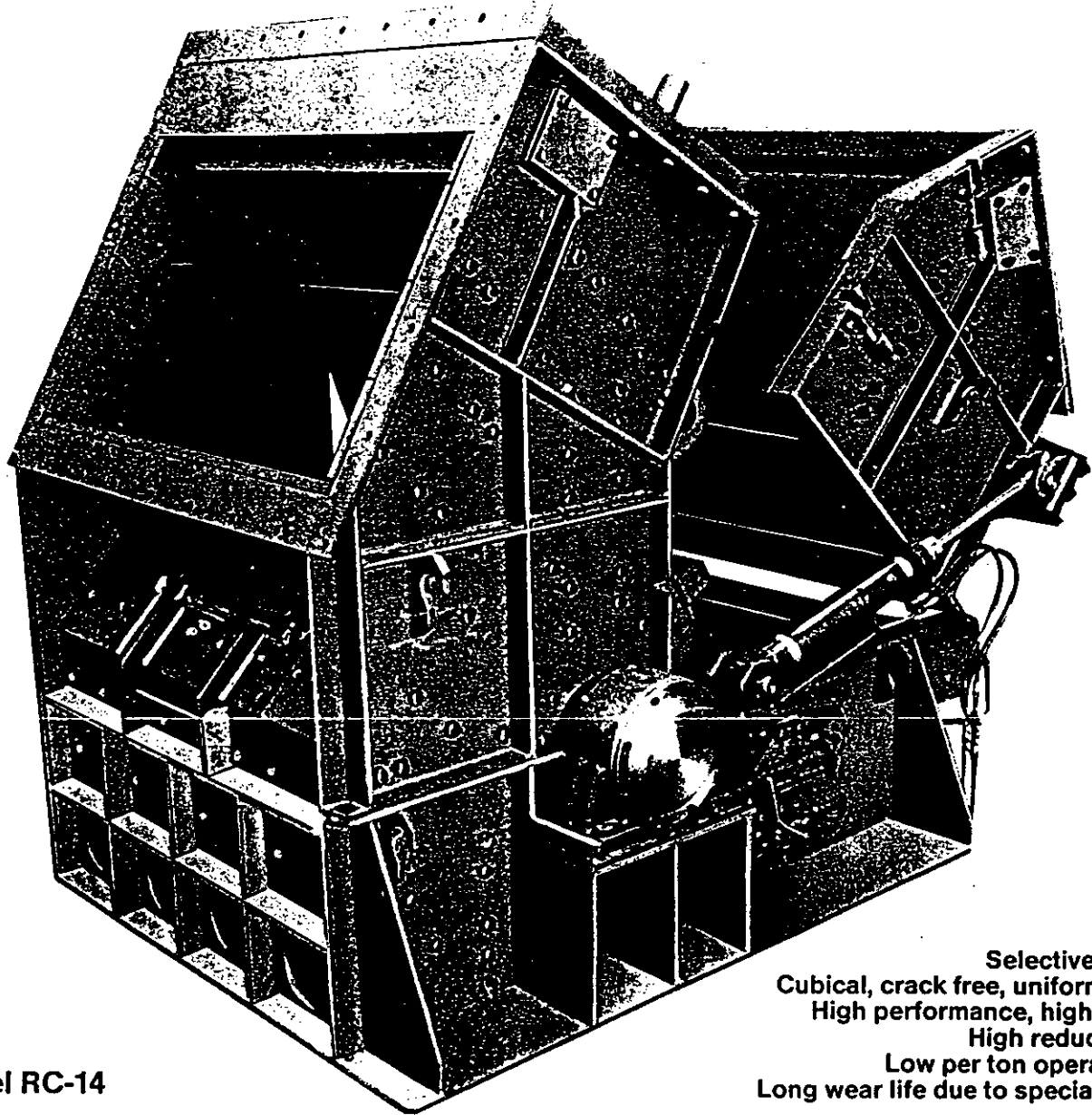
Model	2248	2436	2438	2542	2742	3042	3054	3242	3648	3660	4242	4248	5748	5460
Weights	43,094 19547	46,737 21200	26,017 11801	42,095 19366	48,520 22008	48,520 22008	52,740 28269	57,137 25917	79,653 36131	107,664 48836	58,838 26689	104,567 47431	117,000 53071	196,258 89023
HP	127-175	125-150	90-125	125-175	125-175	125-175	125-175	150-200	200-250	250-300	150-200	250-300	250-300	350-450
RPM	225-275	225-275	250-300	225-275	225-275	225-275	225-275	225-275	200-250	210-235	225-275	200-225	200-225	200
Jaw Opening	22x48 560x122 0	24x36 610x915	24x38 610x965	25x42 625x106 5	27x42 685x106 5	30x42 760x106 5	30x54 760x137 2	32x42 810x106 5	36x48 915x122 0	36x60 915x152 4	42x42 1065x106 5	42x48 1065x122 0	57x48 1445x122 0	54x60 1372x152 4
Shaft Dia.	8.6603	8.6603	6.4375	7.091	8.6603	8.6603	8.6603	8.6603	10.375	14.000	8.6603	14.000	14.000	18.000
Side Bearing	220	220	164	180	220	220	220	220	264	356	220	356	356	457
Shaft Dia.	10.2383	10.2383	7.875	8.6645	10.2383	10.2383	10.2383	10.2383	11.815	15.570	10.2383	15.750	15.750	19.687
Pitman Bearing	260	260	200	220	260	260	260	260	300	400	260	400	400	500
Std. Grooved Flywheel Dia.	1445	1445	1395	1445	1445	1445	1445	1445	1830	1830	1445	1830	1830	2134
Face Std. Flywheel	18 455	15 380	13 330	15 380	15 380	18 455	18 455	18 455	13 330	13 330	18 455	13 330	13 330	20 510
Stationary Jaw Length	45 1145	53 1345	43 1090	57 1445	57 1445	57 1445	57 1445	68 1725	77 1956	77 1956	68 1725	90 2285	90 2285	113 2870
Movable Jaw Length	56 1420	65 1650	50 1270	63 1600	65 1650	65 1650	65 1650	75 1905	85 2160	85 2160	75 1905	98 2490	98 2490	129 3277

Design and specifications subject to change without notice.
 Design features may be covered by patents issued and/or patents applied for.

BÖHRINGER

Impact Crushers – Recycling –

„RC” Series for Asphalt, Concrete with wire mesh/rebar and Building rubble



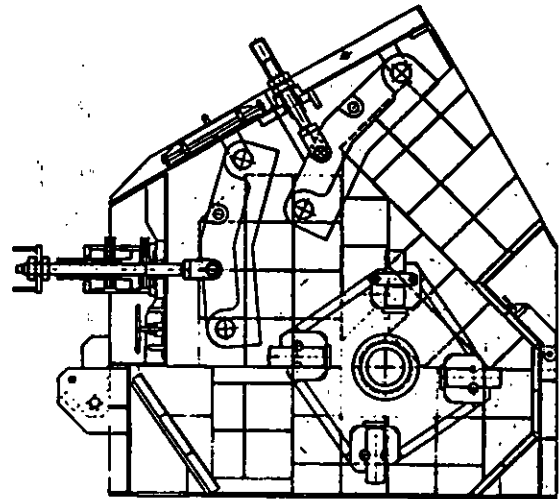
Model RC-14

Selective crushing.
Cubical, crack free, uniform product.
High performance, high capacity.
High reduction ratio.
Low per ton operating cost.
Long wear life due to special castings.

BÖHRINGER

Impact crushers „RC” series – Recycling –

- increase your profits
- save energy
- lower your maintenance cost and down-time
- eliminate multi-stage crushing
- conserve raw material resources
- eliminate dumping costs



Model RC 14

Model	Rotor Dia. (Inch) Width	Feed Opening (Inch)	Capacity (Stph)	Power required (Hp)	Weight approx. (Lbs)
RC 18	59x70	71 x 47	300 – 400	300 – 500	88,700
RC 16	49 $\frac{1}{4}$ x 63	64 x 39	275 – 350	250 – 400	59,200
RC 14	49 $\frac{1}{4}$ x 55 $\frac{15}{16}$	57 x 37	175 – 275	200 – 350	41,700
RC 12	47 $\frac{1}{4}$ x 47 $\frac{1}{4}$	48 x 37	150 – 250	175 – 300	35,800
RC 10	43 $\frac{3}{16}$ x 41 $\frac{3}{8}$	42 x 31	100 – 175	125 – 200	29,800
RC 7	39 $\frac{3}{8}$ x 27 $\frac{3}{16}$	28 x 20	50 – 100	75 – 125	18,100

Design specifications subject to change without notice. Technical data are approximates and should be used as a guide only. Capacity and power requirements depend on the type and characteristics of the feed material.

With the “RC”-series Boehringer offers a specially developed robust impact crusher for the recycling of asphalt, concrete (with mesh and rebar), building rubble and aggregates. The innovative design features, use of high wear resistant castings and utilization factor of the wear parts make this horizontal shaft, fixed blow bar impactor superior to any crusher of this type available today. Depending on the specific application the machine can be equipped with different interior parts. Access to the machine for inspection and/or maintenance is simplified through hydraulic opening of the upper rear housing section. The heavy duty rotor, the heart of any impact crusher, is equipped with four rows of blow bars made of high wear resistant castings. The two impact aprons are symmetric, single piece castings, reversible and interchangeable. Dependent on the application, we also offer aprons with replaceable impact plates. Their

special suspension assures minimum down-time for turning or replacing. Both aprons are gravity hung, adjustable towards the blow bars, to maintain a constant gap and thus assure a uniform product size. Spindle assemblies permit gap adjustment hydraulically on the lower (rear) apron. The crusher housing is lined with bolted, interchangeable wear plates of high wear resistant steel. The machine can be furnished with a tower crane, mounted to the feed hood, to assist with maintenance.

We offer consulting, application engineering of individual machinery and complete plants, such as:

Stationary processing plant

Portable recycling plant

Modular skid mounted plant

LINDER INDUSTRIAL MACHINERY COMPANY

Statewide To Serve You Better

"Specializing"

cc: Mr. Dan Sherman, LIMCO
 Mr. Jim Teague, LIMCO
QUOTATION
 Mr. Jeff Chandler, LIMCO

801 S. Frontage Rd.
 Clearwater, Florida 33566
 (813) 754-2727

20900 Taft Street
 Pembroke Pines, Florida 33029
 (305) 433-2800

718 North Lane Avenue
 Jacksonville, Florida 32254
 (904) 786-6710

2289 Bruner Lane S.E.
 Fort Myers, Florida 33912
 (813) 481-2403

3950 West Hwy 326
 Ocala, Florida 32675
 (904) 629-7585

1400 S. Orange Blossom Trail
 Orlando, Florida 32805
 (407) 849-6560

TO Mr. Jim Thompson
 S & E Contractors, Inc.
 14561 58th Street North
 Clearwater, Florida 34620

REFERENCE Linder Proposal #4005,
 Revision #1

DATE January 30, 1994

GENTLEMEN:

LINDER INDUSTRIAL MACHINERY COMPANY HEREBY SUBMITS TO YOU THE FOLLOWING QUOTATION ON THE GOODS LISTED BELOW SUBJECT TO ALL THE TERMS PRINTED ON THE REVERSE HEREOF. ALL OF WHICH ARE HEREBY MADE A PART OF ANY AGREEMENT BETWEEN US. THIS QUOTATION IS SUBJECT TO IMMEDIATE ACCEPTANCE AND THE PRICE INCLUDES ONLY THE MATERIAL LISTED BELOW.

QUANTITY	ARTICLES AND DESCRIPTION	UNIT PRICE	TOTAL AMOUNT
1	<p>New Boehringer Model RC-14 Portable Concrete and Asphalt Recycling Plant.</p> <p>Boehringer RC-14 Recycle Crusher:</p> <p>This impact crusher is a horizontal shaft, fixed blow bar impactor especially developed for crushing of concrete and asphalt. Aggregate may also be processed.</p> <p>Feed opening: 37" x 57"</p> <p>It consists of a lower housing with AR wear plates. The rotor is of solid construction with high WR², equipped with 4 blow bars made from special steel alloy castings that can be reversed and replaced vertically or horizontally. The rotor locks for safe maintenance. The bearings are mounted on shaft with replaceable adapter sleeves. The upper housing is protected with AR wear plates and designed with the rear part hinged, so it can be fully opened hydraulically. Two (2) impact mechanisms gravity hung with adjusting spindles (rear one adjusted hydraulically). Front apron is of single casting reversible. Rear apron fabricated with bolt-on impact plates.</p> <p>Feed Hood: of 3/4" thick welded steel reinforced construction with chain and rubber curtain. Feed spout lined 1-1/4".</p> <p>Recirculating Product Spout: 33" feed dia. made of 1/4" thick steel plate.</p>		

Magness

This Quotation includes Pages:

ABOVE PRICES ARE F.O.B. Clearwater, Florida Area
 SHIPMENT Approximately 10 to 12 weeks.
 TERMS See Page 10.

Bill Magness
 Bill Magness /sw
 Projects Manager

QUOTATION (cont'd.)

LINDER INDUSTRIAL MACHINERY COMPANY
 1601 S. Frontage Road
 Plant City, Florida 33566

PAGE: 2
 QUOTATION NO: 4005, Rev. #1
 DATE: 1-30-94

ITEM NO	QUANTITY	ARTICLES AND DESCRIPTION	UNIT PRICE	TOTAL AMOUNT
		<p>Discharge Chute: of 3/4" thick welded steel reinforced construction.</p> <p>Electric Motor: 300 HP, 460 volt, 3 Ph., 1750 RPM, Service Factor 1.15, WEG electric motor with thermistors.</p> <p>Crusher Drive: complete with eight (8) 8V-3000 belts, motor pulley, crusher pulley, motor slide rails, base, guard.</p> <p>Feeder: 57" wide x 20' long vibrating grizzly feeder with 14' long solid deck impact section heavily lined complete with 6' long deck grizzly section with adjustable Scandia 400 AR steel bars.</p> <p>Feeder Drive: Feeder is driven by a 60 HP, 460 volt, 3 Ph., 60 Hz., eddy current, TEFC electric motor with controller, fixed motor base, complete with v-belts, motor and feeder sheaves.</p> <p>Feed Hopper: 20 tons capacity receiving hopper constructed of 1" thick steel plate with reinforcing. Hopper folds for height clearance. Hopper and feeder can be removed as a single module when highway restrictions prevail.</p> <p>By-Pass Chute: Collecting hopper with flop gate located under grizzly section to contain material passing through grizzly section. Fabricated from 3/8" steel plate and reinforcing. 1/2" liners in areas of wear.</p> <p>Chassis: Heavy duty 21" deep I-beam trailer frame construction with fishplating in areas of stress. Chassis is complete with access ladder, operator's walkways and platform, handrails, and back plates, king pin.</p> <p>Under Carriage: Reyco triple axle suspension fitted with twelve (12) wheels and 11:00 x 20, 12 ply tires, air brakes, running and braking lights.</p> <p>Blocking Legs: Folding type extending wider than plant for greater stability. Heavy duty with cross bracings. Plant design requires only 10" lift above ground. Four (4) steel blocks removed for transport.</p> <p>Lifting Device: Consisting of five (5) hydraulic jacks mounted on trailer frame to elevate and</p>		

Use slide feed?
Yes

By Pass conveyor?

QUOTATION (cont'd.)

LINDER INDUSTRIAL MACHINERY COMPANY

1601 S. Frontage Road
Plant City, Florida 33566

PAGE: 3

QUOTATION NO: 4005, Rev. #1

DATE: 1-30-94

ITEM NO	QUANTITY	ARTICLES AND DESCRIPTION	UNIT PRICE	TOTAL AMOUNT
		level plant. Power unit consists of 35 gallon oil reservoir, pump, 7-1/2 HP motor, solenoid pushbuttons with controls, hoses, etc.		
		Boehringer design 48" x 6' long vibrating feeder mounted under crusher to transfer crushed material and rebar steel onto a product discharge conveyor.		
	1	New Portable Discharge System with Magnetic Separator: Includes belt protecting gathering hopper with replaceable liners, 48" x 40' channel frame type conveyor, 20° troughing idlers, oil resistant belt, 10' of skirtboard with rubber flashing, 71" track rigid axle with two (2) 10:00 x 20, 12 ply tires, lunette eye tongue, heavy gauge tool box, 10 HP, 1800 RPM, TEFC, electric motor drive.	299,775 ⁰⁰	
	1	New Dings Model 44CR Continuous Belt Magnet with stainless steel discharge belt, 5 HP, 1800 RPM, TEFC, electric motor drive, and magnet transformer.	31,147 ⁰⁰	
	1	New Superior 36" x 80' Portable Radial Stacking Conveyor. <ul style="list-style-type: none"> - Main frame 30" deep truss with 3" x 3" x 1/4" chord angles and lattice members of 1-1/2" x 1-1/2" x 3/16" with tapered head and tail sections. - Adjustable height undercarriage, manual raise with pin lock height adjustment. - Telescoping axle with single 10:00 x 20 tires with telescoping axle and swiveling wheels. - 25 HP head end drive Dodge TXT-515 shaft mount reducer, 1800 RPM, TEFC motor, v-belt drive, and drive guard. Drive designed for 600 TPH of 100#/CF of material at 300 FPM belt speed. - Drive pulley 16" dia. crown faced, herringbone lagged magnetic drum with cold rolled shaft. - Tail pulley 14" dia. crown faced, wing type pulley with cold rolled shaft. - Take-Ups screw type with 18" of travel. - Belting 2 ply, 1/8" x 1/16" covers, 220 PIW. - Belt splice Flexco mechanical steel fasteners. - Troughing Idlers - CEMA B, Superior 605 series, 5" dia. rolls, 35° trough, sealed for life ball bearings, placed 16" on center under loading area, 4' on center on balance of conveyor. - Return idlers - CEMA B, Superior 605 series, 5" dia. rolls, sealed for life ball bearings, placed 10' on center. 	19,139 ⁰⁰	

*Steel
- FAB Feeder*

299,775⁰⁰

- Superior - Mag

31,147⁰⁰

19,139⁰⁰

QUOTATION (cont'd.)

LINDER INDUSTRIAL MACHINERY COMPANY
 1601 S. Frontage Road
 Plant City, Florida 33566

PAGE: 4
 QUOTATION NO: 4005, Rev. #1
 DATE: 1-30-94

ITEM NO	QUANTITY	ARTICLES AND DESCRIPTION	UNIT PRICE	TOTAL AMOUNT
		<ul style="list-style-type: none"> - Guarding - Tail pulley shield, v-belt drive guard, pinch points and nip guards on drive pulley. - Paint - Unit to be one (1) coat primer and one (1) coat enamel painted Superior Orange <i>Orange. Gray</i> - Pivot type belt scraper with counterweight tensioning. - Towing eye for field transport. - Anchor pivot plate maintains tail end during radial travel. - Backstop for TXT-515 reducer. - Radial receiving hopper, 5' long with adjustable rubber flashing. - Fifth wheel hitch for road travel. 		
1		<p>New Superior 24" x 80' Portable Radial Stacking Conveyor. <i>[Signature]</i></p> <ul style="list-style-type: none"> - Main frame, 24" deep truss with 2-1/2" x 2-1/2" x 1/4" chord angles and lattice members of 1-1/2" x 1-1/2" x 3/16" with tapered head and tail sections and extra chord angle full length from tail end to head end and under-carriage pinning point. - Adjustable height under carriage - manual raise with pin lock height adjustment. - Telescoping axle, with single 10:00 x 20 tires with telescoping axle and swiveling wheels. - 15 HP head end drive, Dodge TXT-415 shaft mount reducer, 1800 RPM, TEFC motor, v-belt drive, and drive guard. Drive designed for 300 TPH of 100#/CF of material at 300 FPM belt speed. - Drive pulley 16" dia. crowned faced, herringbone lagged drum with cold rolled shaft. - Tail pulley 14" dia. crown faced, wing type pulley with cold rolled shaft. - Take-ups screw type with 18" of travel. - Belting 2 ply, 1/8" x 1/16" covers, 220 PIW. - Belt splice Flexco mechanical steel fasteners. - Troughing idlers - CEMA B, Superior 605 series, 5" dia. rolls, 35° trough, sealed for life ball bearings, placed 16" on center under loading area, 4' on center on balance of conveyor. - Return idlers - CEMA B, Superior 605 series, 5" dia. rolls, sealed for life ball bearings, placed 10' on center. - Guarding - Tail pulley shield, v-belt drive guard, pinch points and nip guards on drive pulley. - Paint - Unit to be one (1) coat primer and one (1) coat finish enamel painted Superior Orange. - Pivot type belt scraper with counterweight tensioning. 	<p><i>25,038⁰⁰</i></p> <p><i>Picking Stations</i></p>	

QUOTATION (cont'd.)

LINDER INDUSTRIAL MACHINERY COMPANY
 1601 S. Frontage Road
 Plant City, Florida 33566

PAGE: 5
 QUOTATION NO: 4005, Rev. #1
 DATE: 1-30-94

ITEM NO	QUANTITY	ARTICLES AND DESCRIPTION	UNIT PRICE	TOTAL AMOUNT
		<ul style="list-style-type: none"> - Towing eye - for field transport. - Anchor pivot plate - maintains tail end during radial travel. - Backstop - for TXT-415 reducer. - Radial receiving hopper, 5' long with adjustable rubber flashing. - Fifth wheel hitch, for road travel. 		
3		<p>New Superior 24" x 60' Portable Radial Stacking Conveyors.</p> <ul style="list-style-type: none"> - Main frame, 24" deep truss with 2-1/2" x 2-1/2" x 1/4" chord angles and lattice members of 1-1/2" x 1-1/2" x 3/16" with tapered head and tail sections. - Adjustable height under carriage - manual raise with pin lock height adjustment. - Telescoping axle, with single 10:00 x 20 tires with telescoping axle and swiveling wheels. - 10 HP head end drive, Dodge TXT-315 shaft mount reducer, 1800 RPM, TEFC motor, v-belt drive, and drive guard. Drive designed for 300 TPH of 100#/CF of material at 300 FPM belt speed. - Drive pulley 16" dia. crowned faced, herring-bone lagged drum with cold rolled shaft. - Tail pulley 14" dia. crown faced, wing type pulley with cold rolled shaft. - Take-ups screw type with 18" of travel. - Belting 2 ply, 1/8" x 1/16" covers, 220 PIW. - Belt splice Flexco mechanical steel fasteners. - Troughing idlers - CEMA B, Superior 605 series, 5" dia. rolls, 35° trough, sealed for life ball bearings, placed 16" on center under loading area, 4' on center on balance of conveyor. - Return idlers - CEMA B, Superior 605 series, 5" dia. rolls, sealed for life ball bearings, placed 10' on center. - Gathering Hopper, 5' long with adjustable rubber flashing. - Guarding - Tail pulley shield, v-belt drive guard, pinch points and nip guards on drive pulley. - Paint - Unit to be one (1) coat primer and one (1) coat finish enamel painted Superior Orange. - Pivot type belt scraper with counterweight tensioning. - Towing eye - for field transport. - Anchor pivot plate - maintains tail end during radial travel. - Backstop - for TXT-315 reducer. - Radial receiving hopper. - Fifth wheel hitch, for road travel. 	<p>21,398⁰⁰</p>	
			<p>15,858⁰⁰</p>	



Generator Set

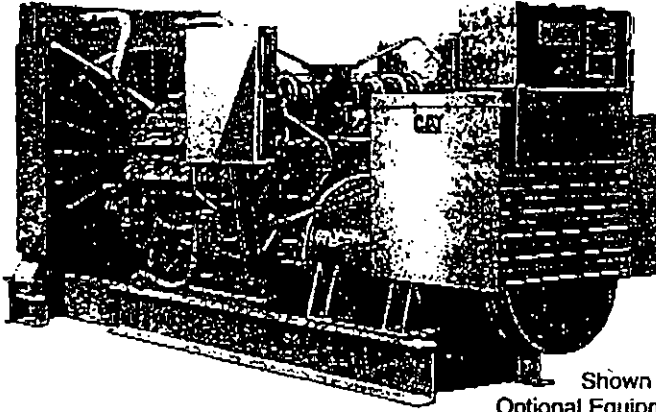
3412

60 Hz

Prime Power – 545 kW
Standby Power – 600 kW

SPECIFICATIONS

Watercooled Diesel, four stroke, V-12
 Bore—mm (in) 137 (5.4)
 Stroke—mm (in)..... 152 (6.0)
 Displacement—L (cu in) 27.0 (1,649)
 Aspiration..... Turbocharged-Aftercooled
 Compression ratio..... 14.5:1



Shown with Optional Equipment



FEATURES

DATA THE ONLY GENERATOR SETS
 Each generator set is built to order with...
 designed for durability and reliability...
 designed for easy maintenance...
 designed for easy transport...
 designed for easy installation...
 designed for easy operation...
 designed for easy service...
 designed for easy repair...
 designed for easy replacement...
 designed for easy disposal...

PROGRAM FUEL ECONOMY DIESEL
 Caterpillar's low speed diesel engine...
 designed for maximum fuel economy...
 designed for maximum reliability...
 designed for maximum service life...
 designed for maximum efficiency...

PROGRAM 12 VOLT DC CONTROL
 Caterpillar's 12 volt DC control system...
 designed for maximum reliability...
 designed for maximum service life...
 designed for maximum efficiency...

CATERPILLAR SR4 GENERATOR

Frame size	589
Type	Static regulated brushless excited
Construction	Single bearing, close coupled
Three phase	Wye connected
Insulation	Class F with tropicalization
Terminal box	Drip proof IP 22
Overspeed capability	150%
Paralleling capability	Standard with adjustable voltage droop
Voltage regulator	3 phase sensing with Volts-per-Hertz Adjustable – 25% + 10%
Voltage regulation ...	Less than ± 1/2% (steady state) Less than ± 1% (no load to full load)
Voltage gain	Adjustable to compensate for engine speed drop and line loss

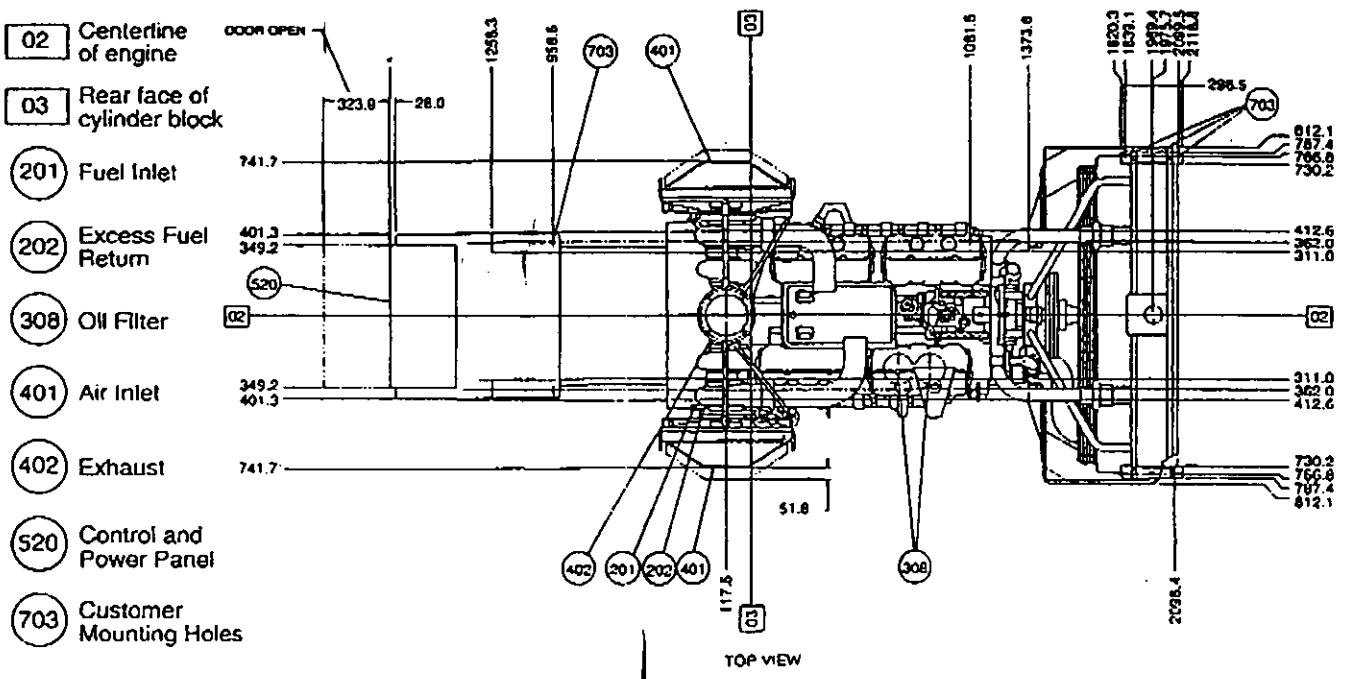
Wave form	Less than 5% deviation
TIF	Less than 50
THD	Less than 5%

CATERPILLAR CONTROL PANEL

- 24 Volt DC Control
- Terminal box mounted
- Vibration isolated
- NEMA 1, IP 22 enclosure
- Electrically dead front
- Lockable door
- Generator instruments meet ANSI C-39-1

Voltages Available
(Consult Price List)

3412 GENERATOR SET



TECHNICAL DATA

		Metric		English		
Rating Information	Rating type	Prime Standby		Prime Standby		
	Power rating @ 0.8 PF with fan	kW	545 600	kW	545 600	
	Power rating @ 0.8 PF with fan	kV•A	681 750	kV•A	681 750	
Dimensions	Generator frame size		589 589		589 589	
	Length	mm	3874 3874	in	152.5 152.5	
	Width	mm	1624 1624	in	63.9 63.9	
	Height	mm	2154 2154	in	84.8 84.8	
	Weight (dry)	kg	4875 4875	lb	10,000 10,000	
Lubrication & Cooling Systems	Engine lubricating oil capacity	L	117 117	qts	124 124	
	Engine coolant capacity w/o radiator	L	58.6 58.6	gal	15.5 15.5	
	Engine coolant capacity with radiator	L	128.6 128.6	gal	34.0 34.0	
	Standard radiator arrangement data:					
	Air flow (max. @ rated speed)	m³/min	1070 1070	cfm	37,787 37,787	
	Air flow restriction (after radiator)	kPa	.06 .06	in water	0.25 0.25	
	Ambient air temperature (consult T.I.F.)	deg C	52 53	deg F	125 125	
Coolant pump external resistance (max. allowable)	m water	5.1 5.1	ft water	16.8 16.8		
Coolant pump flow @ max. allowable resistance	L/min	530.6 530.6	gpm	140 140		
Exhaust System	System backpressure (max. allowable)	kPa	6.7 6.7	in water	27 27	
	Exhaust flange size (internal dia.)	mm	200.2 200.2	in	8 8	
Performance Data @ Rated Conditions	Fuel consumption (100% load) with fan	L/hr	152.8 170.1	gph	40.4 44.9	
	Fuel consumption (75% load) with fan	L/hr	114.5 127.0	gph	30.2 33.5	
	Combustion air inlet flow rate	m³/min	51 56	cfm	1815 1981	
	Exhaust gas flow rate	m³/min	134 149	cfm	4736 5265	
	Heat rejection to coolant (total)	kW	350 382	Btu/min	19,896 21,742	
	Heat rejection to exhaust (total)	kW	519 578	Btu/min	29,515 32,870	
	Heat rejection to atmosphere from engine	kW	149 175	Btu/min	8473 9952	
	Heat rejection to atmosphere from generator	kW	36 41	Btu/min	2039 2308	
Exhaust gas stack temperature	deg C	503 517	deg F	937 963		

CATERPILLAR**3412 GENERATOR SET****STANDARD EQUIPMENT****Engine**

Aftercooler
 Air cleaner with service indicator
 Base, structural steel
 Breather, crankcase
 Cooler, lubricating oil
 Exhaust fitting and flange
 Filters, right hand
 Fuel, full flow
 Governor
 Lifting eyes
 Lubricating oil, gear driven
 Manifold, exhaust, dry
 Pumps,
 fuel transfer, gear driven
 lubricating oil, gear driven
 jacket water, gear driven
 Radiator
 Shutoff, manual
 Starting, electric, 24 Volt DC

Generator

SR4 brushless with VR3
 Automatic voltage regulator

Control Panel

Auto start-stop control module
 w/cycle crank and cooldown
 Digital ammeter, voltmeter,
 phase selector switch,
 frequency meter
 Digital DC voltmeter, tachometer,
 hourmeter
 Digital oil pressure and water
 Emergency stop push button
 Engine control switch for auto,
 start/run, off/reset, stop
 Lamp display
 temperature gauges
 Shutoffs with indicators for:
 low oil pressure
 high water temperature
 overspeed
 overcrank
 emergency stop push button
 System diagnostic codes
 digital readout
 Voltage adjust rheostat

OPTIONAL EQUIPMENT**Engine/Base**

Air cleaner, heavy duty
 Air precleaner
 Battery chargers
 Battery/racks
 Charging alternator
 Cooling system
 high ambient radiators
 fan drives
 heat exchangers
 Exhaust system
 fittings, elbows, pipe
 flex, mufflers
 Governor, Woodward
 Jacket water heaters
 Primary fuel filter
 Protection devices
 Tachometer drive
 Vibration isolators

Generator

Manual voltage control
 MIL Std. 461B, Part 9
 Permanent magnet excitation
 RFI N Level (VDE 875), BS800
 Space heater

Switchgear

Circuit breaker
 manual
 electric operated
 Enclosure — Floor standing NEMA 1
 Main load buss
 Paralleling
 manual
 permissive
 auto (consult factory)
 Protective relays

Control Panel

Auxiliary relay
 Enclosure, NEMA 12/IP 44
 Governor speed switch
 Illuminating lights
 Installed speed sensing
 governor (Woodward)
 Provision for:
 alarm module
 alarm module — NFPA 99
 alarm module — NFPA 110
 Reverse power relay
 Starting aid switch
 Synchronizing lights

The Orlando Sentinel

633 North Orange Avenue
P.O. Box 2833
Orlando, Florida 32802-2833

November 12, 1997

Mr. Bob Coble

Angleo's Recycling Materials
P. O. Box 280226
Tampa, Florida, 33682-0226

Dear Mr. Coble:

We wish to thank you for advertising with The Orlando Sentinel. Your advertisement appeared today, November 12, 1997.

We also wish to apologize any inconvenience that the delay in publishing your advertisement for "Public Notice to Issue Air Permits", due to miscommunication problems. We have spoken previously in order to have this advertisement published in a timely manner.

However, due to unforeseen circumstances, the advertisement was never ran on the publication date as previously indicated by you. We hope that this does not cause any inconvenience on your behalf.

Thank you very much for your patience and understanding. The original publish date for this ad was October 19, 1997.

Sincerely Yours,



Denise Little
Legal Advertising
Representative

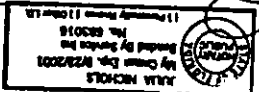
cc: file

State of Florida } s.s.
COUNTY OF ORANGE

Before the undersigned authority personally appeared Denise Little who on oath says that he/she is the Legal Advertising Representative of The Orlando Sentinel, a daily newspaper published at ORLANDO in ORANGE County, Florida; the attached copy of advertisement being a PUBLIC NOTICE OF 1 DAY PERMIT 87770262-001-AC in the ORANGE Court, was published in said newspaper in the issue of 11/21/97

Affiant further says that the said Orlando Sentinel is a newspaper published at ORLANDO in said ORANGE County, Florida, and that the said newspaper has heretofore been continuously published in ORANGE County, Florida, on Week Day and has been entered as second-class mail matter at the post office in ORLANDO in said ORANGE County, Florida, for a period of one year next preceding the first publication of the attached copy of advertisement; and affiant further says that he/she has neither paid nor promised any person, firm or corporation any discount, rebate, commission or refund for the purpose of securing this advertisement for publication in the said newspaper.

The foregoing instrument was acknowledged before me this 12 day of November, 19 97 by Denise Little who is personally known to me and who did take an oath.



STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DRAFT PERMIT 87770262-001-AC (11/21/97) 002-AD
PORTABLE CONCRETE AND ASPHALT MATERIAL CRUSHER
The Department of Environmental Protection (Department) gives notice of its intent to issue a draft permit for construction project and initial air emission permit by Florida's Department of Environmental Protection for a draft permit portable concrete and asphalt material crusher that will be operated at construction and industrial sites throughout Florida. These units were originally permitted under the Clean Air Act (CAA) and are subject to the Prevention of Significant Deterioration (PSD) regulations, 40 CFR 51.101, F.A.A. is best available control technology designed to achieve the greatest degree of air quality improvement that is economically achievable. The applicant proposes to operate the facility in unincorporated areas of the county. The draft permit is subject to the following conditions:
1. Total emissions of pollutants are limited to:
Pollutant Maximum Annual Emissions
Particulate Matter (PM10) 5.1 5.0
Sulfur Dioxide (SO2) 0.2 0.2
Carbon Monoxide (CO) 0.8 0.8
Nitrogen Dioxide (NO2) 0.8 0.8
Ozone (O3) 0.2 0.2
2. The applicant shall not cause or contribute to any violation of any state or federal air quality standard.
3. The Department will issue the Final Permit, in accordance with the conditions of the DRAFT Permit unless a request for a hearing is filed in accordance with the following procedures:
a. The Department will accept written comments concerning the proposed DRAFT Permit issuance actions for a period of 14 (fourteen) days from the date of publication of this Notice. Written comments should be submitted to the Department's Bureau of Permits, 3000 Commonwealth Boulevard, Mail Station 9305, Tallahassee, Florida 32308-3400. Any written comments that shall be made available for a public hearing. If written comments received result in a significant change to these DRAFT Permits, the Department shall issue Revised DRAFT Permits and reissue, if applicable, another Public Notice.
b. The Department will issue the FINAL Permit with the conditions of the DRAFT Permit unless a timely petition for an administrative hearing is filed pursuant to Sections 120.569 and 120.57 F.S. The petition must contain the information set forth below and must be filed with the Office of General Counsel at the Department, 3000 Commonwealth Boulevard, Mail Station 9305, Tallahassee, Florida 32308-3400, telephone: 904-498-6170, fax: 904-497-4938. Petitions must be filed within business days of publication of the public notice or within business days of receipt of this notice of intent, whichever occurs first. A petitioner must send a copy of the petition to the applicant at the address indicated above, at the appropriate time period and furnish a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57 F.S. or to intervene in the proceeding and participate as a party to it. Any subsequent intervention will be held at the option of the hearing officer upon the filing of a motion in compliance with Rule 204-2.07 of the Florida Administrative Code.
c. A petition must contain the following information: (1) The name, address, and telephone number of each petitioner; the applicant's name and address; the Permit File Number and the County in which the project is proposed; (2) A statement of how and when each petitioner received notice of the Department's action or proposed action; (3) A statement of how each petitioner's substantial interest are affected by the Department's action or proposed action; (4) A statement of the material facts disputed by petitioner; if any; (5) A statement of the facts that the petitioner contends warrant reversal or modification of the Department's action or proposed action; (6) A statement identifying the order or statute that the petitioner contends require reversal or modification of the Department's action or proposed action; and (7) A statement of the relief sought by the petitioner, stating precisely the action that the petitioner wants the Department to take with respect to the Department's action or proposed action advanced in this notice of intent.
Because the administrative hearing process is designed to expedite final agency action, the filing of a petition means that the Department's final action may be different from the position taken by it in this notice of intent. Persons whose substantial interests will be affected by any such final decision of the Department on the application have the right to petition to become a party to the proceeding, in accordance with the requirements set forth above.
A complete project file is available for public inspection during normal business hours, 8:00 a.m. to 5:00 p.m., Monday through Friday, except legal holidays, at:
Dade County Department of Environmental Resources Management
33 Southwest 2nd Ave., Suite 900
Miami, Florida 33130-1540
Telephone: 305/372-6825
Division of Environmental Science and Engineering
Palm Beach County Health Unit
801 Eureka Street
West Palm Beach, Florida 33401
Telephone: 561/855-3070
Dept. of Environmental Protection
Northwest District
180 Government Center, Suite 208
Pensacola, Florida 32501-5794
Telephone: 904-444-8300
Dept. of Environmental Protection
Northwest District
7625 Baymeadows Way, Suite 2008
Jacksonville, Florida 32256
Telephone: 904/448-4300
Broward County Department of Natural Resource Protection
218 Southwest 1st Avenue
Fort Lauderdale, Florida 33301
Telephone: 954/518-1220
Air Quality Division
Pinellas County Department of Environmental Management
303 South Garden Avenue
Clearwater, Florida 34616
Telephone: 813/464-4422
Dept. of Environmental Protection
Southeast District
3804 Coconut Palm Drive
Tampa, Florida
Telephone: 813-744-6100
Dept. of Environmental Protection
Central District
3318 Meigs Boulevard, Suite 222
Orlando, Florida 32803-3767
Telephone: 407/884-7635
Hillsborough County Environmental Protection Commission
1410 North 21 Street
Tampa, Florida 33602
Telephone: 813/272-8530
Air and Water Quality Division
Regulatory and Environmental Services Department
431 West Church Street, Suite 412
Jacksonville, Florida 32202-4111
Telephone: 904/630-3484

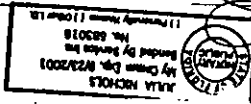
State of Florida } S.S.
COUNTY OF ORANGE

Before the undersigned authority personally appeared Denise Little who on oath says that he/she is the Legal Advertising Representative of The Orlando Sentinel, a daily newspaper published at ORLANDO in ORANGE County, Florida; that the attached copy of advertisement being RUBEN G. NOTICE OF F. DRAFT PERMIT #7770262-001-42 in the ORANGE Court was published in said newspaper in the issue of: 11/12/97

Affiant further says that the said Orlando Sentinel is a newspaper published at ORLANDO in said ORANGE County, Florida, and that the said newspaper has heretofore been continuously published in said ORANGE County, Florida, each Week Day and has been entered as second-class mail matter at the post office in ORLANDO in said ORANGE County, Florida, for a period of one year next preceding the first publication of the attached copy of advertisement; and affiant further says that he/she has neither paid nor promised any person, firm or corporation any discount, rebate, commission or refund for the purpose of securing this advertisement for publication in the said newspaper.

The foregoing instrument was acknowledged before me this 12 day of November 19 97 by Denise Little who is personally known to me and who did take an oath.

(SEAL)



STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION DRAFT PERMIT NO. 7770262-001-42770262-001-42 PORTABLE CONCRETE AND ASPHALT MATERIAL CRUSHER... The Department of Environmental Protection (Department) gives notice of its intent to issue a final draft permit... The applicant proposes to operate the facility in counties covered by this notice... The Department will issue the final draft permit with the conditions of the permit... The Department will issue the final draft permit with the conditions of the permit... The Department will issue the final draft permit with the conditions of the permit...

any (a) A statement of the facts that the petitioner contends support reversal or modification of the Department's action or proposed action; (b) A statement identifying the rules or statutes that the petitioner contends require reversal or modification of the Department's action or proposed action; (c) A statement of the relief sought by the petitioner, stating precisely the action that the petitioner wants the Department to take with respect to the Department's action or proposed action addressed in the notice of intent. Because the administrative hearing process is designed to formulate final agency action, the filing of a petition means that the Department's final action may be different from the petition taken by it in this notice of intent. Persons whose substantial interests will be affected by any such final decision of the Department on the application have the right to petition to become a party to the proceeding, in accordance with the requirements set forth above. A complete project file is available for public inspection during normal business hours, 8:00 a.m. to 5:00 p.m., Monday through Friday, except legal holidays, at:

- Deals County Department of Environmental Resources Mgmt. 83 Southwest 2nd Ave., Suite 800 Miami, Florida 33130-1540 Telephone: 305-572-8925
Division of Environmental Science and Engineering Palm Beach County Health Unit 801 Events Blvd West Palm Beach, Florida 33401 Telephone: 888-265-3070
Dept. of Environmental Protection Northwest District 180 Government Center, Suite 308 Pensacola, Florida 32501-5794 Telephone: 904-444-8300
Dept. of Environmental Protection Northeast District 7825 Baymeadows Way, Suite 2008 Jacksonville, Florida 32256 Telephone: 904-448-4300
Broward County Department of Natural Resource Protection 218 Southwest 1st Avenue Fort Lauderdale, Florida 33301 Telephone: 954-519-1220
Air Quality Division Pinellas County Department of Environmental Management 300 South Garden Avenue Clearwater, Florida 34616 Telephone: 813-464-4422
Dept. of Environmental Protection Southwest District 3804 Coconut Palm Drive Tampa, Florida Telephone: 813-744-6100
Dept. of Environmental Protection Central District 3178 Magnolia Boulevard, Suite 232 Orlando, Florida 32803-3787 Telephone: 407/984-7552
Hillsborough County Environmental Protection Commission 1410 North 21 Street Tampa, Florida 33605 Telephone: 813/272-5630
Air and Water Quality Division Regulatory and Environmental Services Department 421 West Church Street, Suite 412 Jacksonville, Florida 32202-4111 Telephone: 904/630-3464

action may be different from the position taken by it in this notice of intent. Persons whose substantial interests will be affected by any such final decision of the Department on the application have the right to petition to become

a party to the proceeding in accordance with the requirements set forth above.

A complete project file is available for public inspection during normal business hours, 8:00 a.m. to 5:00 p.m., Monday through Friday, except legal holidays, at:

Dade County Department of Environmental Resources
Miami, Florida
33 Southwest 2nd Ave., Suite 900
Miami, Florida 33130-1540
Telephone: 305/372-9725

Division of Environmental Science and Engineering
Palm Beach County Health Unit
901 Evernia Street
West Palm Beach, Florida 33401
Telephone: 561/355-3070

Dept. of Environmental Protection
Northwest District
160 Government Center, Suite 308
Pensacola, Florida 32501-5794
Telephone: 904/444-8300

Dept. of Environmental Protection
Northeast District
7825 Baymeadows Way, Suite 2008
Jacksonville, Florida 32256
Telephone: 904/448-4300

Broward County Department of Natural Resource Protection
218 Southwest 1st Avenue
Fort Lauderdale, Florida 33301
Telephone: 954/519-1220

Air Quality Division
Pinellas County Department of Environmental Management
300 South Garden Avenue
Clearwater, Florida 34616
Telephone: 813/464-4422

Dept. of Environmental Protection
Southwest District
3804 Coconut Palm Drive
Tampa, Florida
Telephone: 813/744-6100

Dept. of Environmental Protection
Central District
3319 Maguire Boulevard, Suite 232
Orlando, Florida 32803-3767
Telephone: 407/964-7555

Hillsborough County Environmental Protection Commission
1410 North 21 Street
Tampa, Florida 33605
Telephone: 813/272-5530

Air and Water quality Division
Regulatory and Environmental Services Department
421 West Church Street, Suite 412
Jacksonville, Florida 32202-4111
Telephone: 904/630-3484

Dept. of Environmental Protection South Florida District
2295 Victoria Avenue, Suite 364
Fort Myers, Florida 33901
Telephone: 813/332-6975

Dept. of Environmental Protection Southeast District
400 North Congress Avenue
West Palm Beach, Florida 33416-5425
Telephone: 561/681-6600

The complete project file includes the application, technical evaluations, Draft Permits, and the information submitted by the responsible official, exclusive of confidential records under Section 403.111, F.S. Interested persons may contact the Administrator, New Resource Review Section at 111 South Magnolia Drive, Suite 4, Tallahassee, Florida 32301, or call 850/488-

11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32
33
34
35
36
37
38
39
40
41
42
43
44
45
46
47
48
49
50
51
52
53
54
55
56
57
58
59
60
61
62
63
64
65
66
67
68
69
70
71
72
73
74
75
76
77
78
79
80
81
82
83
84
85
86
87
88
89
90
91
92
93
94
95
96
97
98
99
100
101
102
103
104
105
106
107
108
109
110
111
112
113
114
115
116
117
118
119
120
121
122
123
124
125
126
127
128
129
130
131
132
133
134
135
136
137
138
139
140
141
142
143
144
145
146
147
148
149
150

ink *mp*

following information: (a) The name, address, and telephone number of each petitioner, the applicants name and address, the Permit File Numbers and the county in which the project is proposed; (b) A statement of how and when each petitioner received notice of the Department's action or proposed action; (c) A statement of how each petitioner's substantial interests are affected by the Department's action or proposed action; (d) A statement of the material facts disputed by petitioner, if any; (e) A statement of the facts that the petitioner contends warrant reversal or modification of the Department's action or proposed action; (f) A statement identifying the rules or statutes that the petitioner contends require reversal or modification of the Department's action or proposed action; and (g) A statement of the relief sought by the petitioner, stating precisely the action that the petitioner wants the Department to take with respect to the Department's action or proposed action addressed in this notice of intent.

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

A complete project file is available for public inspection during normal business hours, 8:00 a.m. to 5:00 p.m., Monday through Friday, except legal holidays, at:

Dade County Department of
Environmental Resources

4

Mgmt.
33 Southwest 2nd Ave.,
Suite 900
Miami, Florida 33130-1540
Telephone: 305/372-6925

Division of Environmental
Science and Engineering
Palm Beach County Health
Unit
901 Evernia Street
West Palm Beach, Florida
33401
Telephone: 561/355-3070

Dept. of Environmental
Protection
Northwest District
160 Government Center,
Suite 308
Pensacola, Florida 32501-5794
Telephone: 904/444-8300

5

Dept. of Environmental
Protection
Northeast District
7825 Baymeadows Way,
Suite 200B
Jacksonville, Florida 32256
Telephone: 904/448-4300

Broward County Department
of
Natural Resource Protection
218 Southwest 1st Avenue
Fort Lauderdale, Florida
33301
Telephone: 954/519-1220

Air Quality Division
Pinellas County Department
of
Environmental Management
300 South Garden Avenue
Clearwater, Florida 34616
Telephone: 813/464-4422

Dept. of Environmental Pro-
tection
Southwest District
3804 Coconut Palm Drive
Tampa, Florida
Telephone: 813/744-6100

Dept. of Environmental
Protection
Central District
3319 Maguire Boulevard,
Suite 232
Orlando, Florida 32803-3767

Telephone: 407/984-7555

Hillsborough County
Environmental
Protection Commission
1410 North 21 Street
Tampa, Florida 33605
Telephone: 813/272-5530
Air and Water quality Division
Regulatory and Environmental
Services Department
421 West Church Street,
Suite 412
Jacksonville, Florida
32202-4111
Telephone: 904/630-3484

Dept. of Environmental
Protection South Florida Dis-
trict
2295 Victoria Avenue,
Suite 364
Fort Myers, Florida 33901
Telephone: 813/332-6975

Dept. of Environmental
Protection
Southeast District
400 North Congress Avenue
West Palm Beach, Florida
33416-5425
Telephone: 561/681-6600

The complete project file in-
cludes the application, techni-
cal evaluations, Draft Permits,
and the information submit-
ted by the responsible official,
exclusive of confidential re-
cords under Section 403.111,
F.S. Interested persons may
contact the Administrator,
New Resource Review Sec-
tion at 111 South Magnolia
Drive, Suite 4, Tallahassee,
Florida 32301, or call 850/488-
1344, or call 850/488-1344, for
additional information
902810/29/97

6

A Ad #50960

Exp @ 0:00 Runs Last date Acct 208271

Name VIRONMENTAL DEPARTMENT OF EN Business X Ph (904) 9225907

Address REGULATION Alt PH (904) 9225907

2600 BLAIR STONE ROAD SUITE 158

City TALLAHASSEE State FL Zip 32399-2400

AD: Gvnb FAX - BOB C. PO# Misc Sales Rep 0073 Exp

Class 0 Type V Acc Type C T/A A #1 Box #000 Clr Code Clr Nbr 0

RH Up MG Nat Rate SR Logo Bold Holi Char RD ()

ES #1: Times 1 Start 10/29/97 Stop 10/29/97

BUYS: TTFR K

Skip PP 1

ES #2: Times Start Stop

BUYS: K

Skip PP 2

ES #3: Times Start Stop

BUYS: K

Skip PP 3 Tear 2.00

Size x I/L Seq2672 Entrd 10/23/97 at 15:43 By ADFAX

Holds: Supervisor L by Production R by DONNA/0065

Remarks: NEEDS AFFIDAVIT W/ALL

Vol (Trans);legals;COUNTIES LISTED!!! #73 CHECK FOR DUP!!!!!!!!!!!!

Total Lines 322
Total Cost 858.52

Ad Cost 856.52
Other 2.00

PUBLIC NOTICE OF
INTENT TO ISSUE
AIR PERMIT

STATE OF FLORIDA
DEPARTMENT OF
ENVIRONMENTAL
PROTECTION

DRAFT Permit Nos:
7770262-001-AC/7770262-005-
AO

Portable Concrete and
Asphalt Material Crusher

The Department of Environ-
mental Protection (Depart-
ment) gives notice of its intent
to issue a modified air con-
struction permit and the initial
air operation permit to An-
gelo's Recycled Materials for
a diesel engine powered por-
table concrete and asphalt
material crusher that will be
operated at construction and
industrial sites throughout
Florida. These units were
originally permitted under the
name of Frontier Recycling,
Inc. The crusher is a minor
source of air pollution and not
subject to the Prevention of
Significant Deterioration
(PSD) regulations, Rule 62-
212.400, F.A.C. A Best Avail-
able Control Technology de-

termination was not required for this facility. The applicant's name and address are: Angelo's Recycled Materials, P.O. Box 280226, Tampa, Florida 33682-0226.

The applicant proposes to operate the facility in counties covered by this notice. The units will emit fugitive particulate matter and the products of combustion from the diesel fuel. Air pollution control is accomplished by wetting as needed.

Total emissions of pollutants are estimated to be:

Pollutant Hourly Emissions
pounds per hour

Annual Emissions

tons per year

Particulate Matter (PM/PM10)

5.1 8.0

Nitrogen Oxides (NOx) 27.3

42.7

Carbon Monoxide (CO) 5.9 9.2

Sulfur Dioxide (SO2) 1.8 2.8

Volatile Organic Compounds
(VOC) 2.2 3.5

Because of the low emissions and limited time operation at any one site, the crusher will not cause or contribute to any violation of an ambient air quality standard.

The Department will issue the FINAL Permits; in accordance with the conditions of the DRAFT Permits unless a response received in accordance with the following procedures results in a different decision or significant change of terms or conditions.

The Department will accept written comments concerning the proposed DRAFT Permits issuance actions for a period of 14 (fourteen) days from the date of publication of this Notice. Written comments should be provided to The Department's Bureau of Air Regulation, 2600 Blair Stone Road, Mail Station #5505, Tallahassee, Florida 32399-2400. Any written comments filed shall be made available for public inspection. If written comments received result in a sig-

2

nificant change in these DRAFT Permits, the Department shall issue Revised DRAFT Permits and require, if applicable, another Public Notice.

The Department will issue the FINAL Permits with the conditions of the DRAFT Permits unless a timely petition for an administrative hearing is filed pursuant to Sections 120.569 and 120.57 F.S. Mediation is not available for this action. The procedures for petitioning for a hearing are set forth below.

A person whose substantial interests are affected by the Department's proposed permitting decision may petition for an administrative hearing in accordance with Sections 120.569 and 120.57 F.S. The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel of the Department, 3900 Commonwealth Boulevard, Mail Station #35, Tallahassee, Florida 32399-3000, telephone; 850/488-9370, fax 850/487-4938. Petitions must be filed within fourteen days of publication of the public notice or within fourteen days of receipt of this notice of intent, whichever occurs first. A petitioner must mail a copy of the petition to the applicant at the address indicated above, at the time of filing. The failure of any person to file a petition within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57 F.S., or to intervene in this proceeding and participate as a party to it. Any subsequent intervention will be only at the approval of the presiding officer upon the filing of a motion in compliance with Rule 28-5.207 of the Florida Administrative Code.

A petition must contain the

3

THE TAMPA TRIBUNE

Published Daily

Tampa, Hillsborough County, Florida

State of Florida
County of Hillsborough

Before the undersigned authority personally appeared J. Rosenthal, who on oath says that he is Classified Billing Manager of The Tampa Tribune, a daily newspaper published at Tampa in Hillsborough County, Florida; that the attached copy of advertisement being a LEGAL NOTICE CITRUS, SUMTER, HERNANDO, PASCO, PINELLAS, POLK HILLSBOROUGH, MANATEE, HARDEE, HIGHLANDS, SARASOTA, DESOTO in the matter of PUBLIC NOTICE OF INTENT

was published in said newspaper in the issues of OCTOBER 29, 1997

Affiant further says that the said The Tampa Tribune is a newspaper published at Tampa in said Hillsborough County, Florida, and that the said newspaper has heretofore been continuously published in said Hillsborough County, Florida, each day and has been entered as second class mail matter at the post office in Tampa, in said Hillsborough County, Florida for a period of one year next preceding the first publication of the attached copy of advertisement; and affiant further says that she has neither paid nor promised any person, this advertisement for publication in the said newspaper.

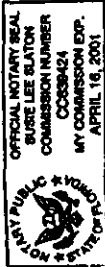
J. Rosenthal (Signature)

Sworn to and subscribed before me, this 30 day of OCTOBER, A.D. 1997

Personally Known or Product Identification
Type of Identification Produced

(SEAL)

Christie Lee Slater (Signature)



PUBLIC NOTICE OF INTENT TO ISSUE AIR PERMIT
STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DRAFT PERMIT NO. 7770001777700000-00
Permits Criteria and Annual Material Greater
The Department of Environmental Protection (Department) gives notice of its intent to issue a draft air construction permit and the permit or other permit and the permit or other permit to Air Quality Recycled Materials for a plant which processes portable concrete and asphalt material greater than will be permitted at construction and industrial sites throughout Florida. These units were or will be permitted under the name of Provider Recycling, Inc. The greater is a minor source of air pollution and not subject to the Prevention of Significant Deterioration (PSD) regulations, Rule 62-312.00, F.A.C. A Best Available Control Technology determination was not required for this facility. The applicant's name and address are: Provider Recycling, Inc., P.O. Box 200224, Tampa, Florida 33620-0224.
The applicant proposes to operate the facility in compliance with the permit. The units will emit fugitive particulate matter and the products of combustion from the diesel fuel. Air pollution control is accomplished by wet scrubbing.
Total emissions of pollutants are estimated to be:
Pollutant Heavy Metals: pounds per hour
Annual Emissions: tons per year
Particulate Matter (PM10): 1.1
Nitrogen Oxides (NOx): 27.3
Carbon Monoxide (CO): 5.3
Sulfur Dioxide (SO2): 1.3
Volatile Organic Compounds (VOC): 1.2
Because of the low emission and limited time operation of any one site, but crude or will not cause or contribute to any violation of an ambient air quality standard.
The Department will issue the FINAL Permit in accordance with the conditions of the DRAFT Permit unless a response received in accordance with the following procedures results in a different decision or alternative course of action or condition.
The Department will accept written comments concerning the proposed DRAFT Permit, including actions for a period of 30 days from the date of publication of this notice. Written comments should be provided to The Department's Bureau of Air Regulation, 3000 Bayshore Road, Mail Station #200, Tallahassee, Florida 32309-3400. Any written comments and other data available for public inspection. If written comments received result in a significant change in the DRAFT Permit, the Department must have Revised DRAFT Permit and reissue the permit, unless another Public Notice.
The Department will issue the FINAL Permit with the conditions of the DRAFT Permit unless a timely petition for an administrative hearing is filed pursuant to Sections 120.57 and 120.57 F.S. Hearings are not available for this action. The procedures for petitioning for a hearing are set forth below.
A person whose substantial interests are affected by the Department's proposed permitting decision may petition for an administrative hearing in accordance with Sections 120.57 and 120.57 F.S. The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel of the Department, 3908 Governmental Boulevard, Mail Station #215, Tallahassee, Florida 32309-3000, no later than 150 (150) days before 4:30 P.M. Petitions must be filed within fourteen days of publication of this notice of intent, whichever occurs first. A petitioner must mail a copy of the petition to the applicant at the address indicated above, on the form of filing. The failure of any person to file a petition within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.57 and 120.57 F.S., or to intervene in this proceeding and participate in a party to it. Any subsequent intervention will be only at the discretion of the presiding officer upon the filing of a motion, in accordance with Rule 62-3.507 of the Florida Administrative Code.
A petition must contain the following information: (a) The name, address, and telephone number of each petitioner, the applicant, and the permittee; (b) A statement of the facts and circumstances which the petitioner contends require reversal or modification of the Department's action or proposed action; (c) A statement of the petitioner's substantial interests are affected by the Department's action or proposed action; (d) A statement of the facts that the petitioner contends warrant reversal or modification of the Department's action or proposed action; (e) A statement identifying the rules or statutes that the petitioner contends require reversal or modification of the Department's action or proposed action; and (f) A statement of the relief sought by the petitioner, stating precisely the action that the petitioner wants the Department to take with respect to the Department's action or proposed action addressed in the notice of intent.
Because the administrative

VI. CONTROL EQUIPMENT

CONTROL EQUIPMENT

All of the equipment used to control fugitive dust emissions from this crushing unit was generated by crushing and maintenance personnel on as needed basis as this crushing unit did not come equipped with any dust suppression equipment when purchased.

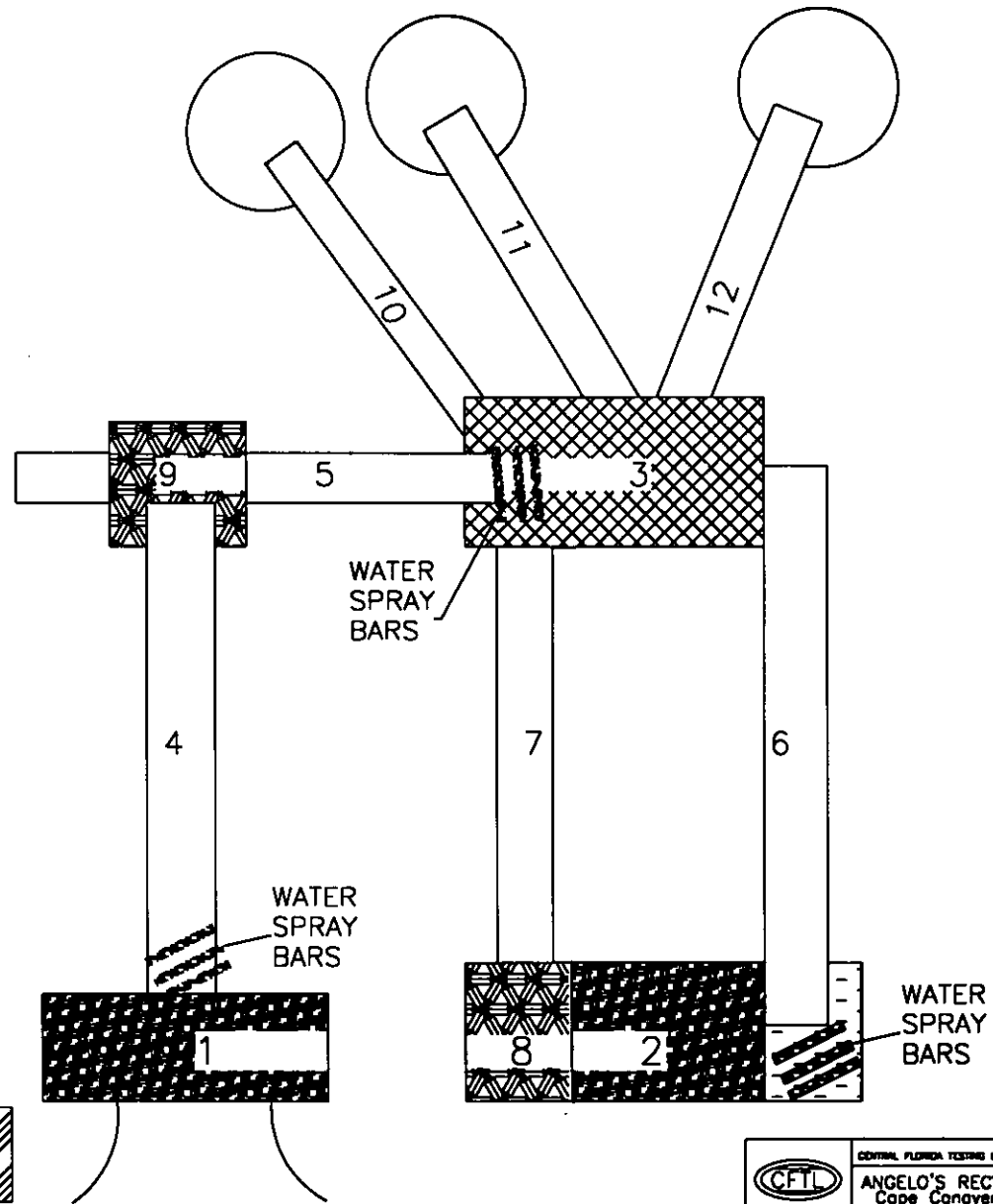
The water spray bar and spray head system used on this equipment were manufactured and installed on all areas where possible fugitive dust emissions would occur during the crushing, screening and conveying operations. These areas include the grizzly feeder, the crusher, the conveyor belt drop points, screens and discharge pan.

The control process starts with an on site well that is equipped with two (2) electric pumps (only one used at a time as one is a spare) that is used to feed water through 1 1/2 inch PVC pipe to a hose bib rack. From the hose bib rack water is fed through either 1/2 PVC piping or 1/2 inch hose to spray heads and bars mounted at the various fugitive emission points mentioned above at 25-40 psi, depending what is needed to control the emissions. When at other sites the crusher is equipped with its own pump to supply water to the dust suppression spray bar system. Water is usually obtained from various sources such as on site water supplies, fire hydrant, lakes, ponds or water truck.

In addition, plant personnel stand on top of the feeder hopper, where the material is dumped in by front loader, dampening the material that is in the loader and the material that is being dumped into this hopper with a high pressure water hose, to control any fugitive emissions generated.

Plant #3 cape can.

1. Cedarapids 3054 Jaw Crusher
2. Bohringer RC-14 Ser.#12-5890
3. Cedarapids Triple Deck Screener (7'x20')
4. Feed Conveyor (4'x30')
5. Screening Conveyor (4'x50')
6. Oversize Belt (4'x60')
7. Material Conveyor (4'x65')
8. Electro Magnet (3'x6')
9. Electro Magnet (3'x6')
10. Radial Stacker #1 (4'x90')
11. Radial Stacker #2 (4'x80')
12. Radial Stacker #3 (4'x60')
13. Water Supply
14. Caterpillar Generator Set



CFTL
CENTRAL FLORIDA TESTING LABS., INC.
ANGELO'S RECYCLED
Cape Canaveral

VII. O & M PLAN

General Maintenance Intervals

The crushing unit and the general area are checked visually, daily for visible emissions. The entire compound inclusive of storage piles are continuously kept damp by a water truck. If any fugitive emissions are seen escaping the crushing plant the source is identified immediately and the problem area is corrected. Fugitive emissions at drop points are controlled by increasing and decreasing the water pressure from 25-40 psi, at the spray bars/heads.

Inspections of various parts of the Self-Made Water Spray Bar / Spray Head Dust Suppression System are done on a daily basis before startup, during operation and after shut down, as well as complete inspection on a weekly basis. If anything is found broken, not functioning or out of the ordinary it is fixed immediately by trained plant personnel. In addition, this dust suppression system is equipped with a spare pump in case of breakdown the spare pump can be used until the other pump can be fixed.


OPERATING PARAMETERS
for
SELF-MADE WATER SPRAY BAR / SPRAY HEAD
DUST SUPPRESSION SYSTEM

Water Pressure to Spray Bars & Spray Heads
Operation Mode

20-45 psi @ each head

Continuous w/ product

VIII. TYPICAL FUEL ANALYSIS



central company, inc.
PETROLEUM PRODUCTS

CENTRAL OIL COMPANY, INC.

FUEL OIL #2 (DISTILLATE) SPECIFICATIONS

<u>CHARACTERISTICS</u>	<u>MIN</u>	<u>MAX</u>
GRAVITY, API AT 60°F	32.3	
SULPHUR, % WT.		0.21
POUR POINT, F		15.
BS & W. %		0.2
VISCOSITY, SSU/100F SECS	33	40.
VISCOSITY, KINEMATIC CST/40C	2.0	4.
FLASH POINT, PM CC, F	150.	
ASH, % WT.		0.01
CETANE NUMBER	40.	
CARBON RESIDUE, RAMSBOTTOM (10%)		125.
CLOUD POINT, F		0.01
SEDIMENT BY EXTRACTION, % WT.	C&B	
APPEARANCE		1.5
COLOR, ASTM		1-A
CORROSION, COPPER STRIP 3 HRS. 122°F		"REPORT"
BTU PER U.S. GALLON		138,500