Florida Department of Environmental Protection

Central District
3319 Maguire Boulevard, Suite 232
Orlando, Florida 32803-3767

Charlie Crist
Governor

Jeff Kottkamp
Lt. Governor

Michael W. Sole
Secretary

Permittee:
Rinker Materials of Florida, Inc.
1501 Belevedere Road
West Palm Beach, FL 33406

Attn: Jeffrey R. Porter, Permit/Project Manager

I.D. Number: 0090035
Permit Number: 0090035-004-AO
Expiration Date: October 30, 2012
County: Brevard
Latitude/Longitude:
28° 24' 09"N/80° 36' 29"W
Project: Material Handling Facility

This permit is issued under the provisions of Chapter(s) 403, F.S., and Florida Administrative Code Rule(s) 62-210. The above named permittee is hereby authorized to perform the work or operate the facility shown on the application and approved drawing(s), plans, and other documents attached hereto or on file with the Department and made a part hereof and specifically described as follows:

The permittee may operate a Material Handling Facility located at Port Canaveral. The facility includes the following:

a) Mechanical Ship Unloading System includes a Siwertell ship unloader and transfer point, from screw conveyor to belt conveyor, both served by a Torit Downflo Model 3DF24 cartridge dust collector; an auxiliary ship's hold served by a Phoenix portable dust collector; a transition house, from belt conveyor to screw conveyor served by a Phoenix Environmental Model 84-DC-25 "Cyclonaire" baghouse dust collector; four cement storage silos (north side) served by a Clean Air Model 500-5 baghouse dust collector; four cement storage silos (south side) served by a Clean Air Model 500-5 baghouse dust collector.
b) Pneumatic Ship Unloading System served by the same two silo-top Industrial Clean Air Model 500-5 baghouse dust collectors that are part of the mechanical ship unloading system.
c) Cement Tanker Truck Loading System includes north cement tanker truck loadout and south tanker truck loadout, each equipped with a separate Industrial Clean Air Model 7-36 baghouse dust collector.
d) A portable ship's hold dust collector (Phoenix 360 bag).

The facility is located at 550 Dolphin Road at Port Canaveral in Cape Canaveral, Brevard County, Florida.

GENERAL CONDITIONS:

1. The terms, conditions, requirements, limitations and restrictions set forth in this permit, are "permit conditions" and are binding and enforceable pursuant to Sections 403.141, 403.727, or 403.859 through 403.861, Florida Statutes (F.S.) The permittee is placed on notice that the Department will review this permit periodically and may initiate enforcement action for any violation of these conditions.

2. This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviation from the approved drawings, exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by the Department.

3. As provided in subsections 403.087(6) and 403.722(5), F.S., the issuance of this permit does not convey any vested rights or any exclusive privileges. Neither does it authorize any injury to public or private property or any invasion of personal rights, nor any infringement of federal, state, or local laws or regulations. This permit is not a waiver of or approval of any other Department permit that may be required for other aspects of the total project which are not addressed in this permit.

4. This permit conveys no title to land or water, does not constitute State recognition or acknowledgment of title, and does not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the State. Only the Trustees of the Internal Improvement Trust Fund may express State opinion as to title.

5. This permit does not relieve the permittee from liability for harm or injury to human health or welfare, animal, or plant life, or property caused by the construction or operation of this permitted source, or from penalties therefore; nor does it allow the permittee to cause pollution in contravention of Florida Statutes and Department rules, unless specifically authorized by an order from the Department.

6. The permittee shall properly operate and maintain the facility and systems of treatment and control (and related appurtenances) that are installed and used by the permittee to achieve compliance with the conditions of this permit, as required by Department rules. This provision includes the operation of backup and auxiliary facilities or similar systems when necessary to achieve compliance with the conditions of the permit and when required by Department rules.

7. The permittee, by accepting this permit, specifically agrees to allow authorized Department personnel, upon presentation of credentials or other documents as may be required by law and at reasonable times, access to the premises where the permitted activity is located or conducted to:

   (a) Have access to and copy any records that must be kept under conditions of this permit;
   (b) Inspect the facility, equipment, practices, or operations regulated or required under this permit; and
   (c) Sample or monitor any substances or parameters at any location reasonably necessary to assure compliance with this permit or Department rules.

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

8. If, for any reason, the permittee does not comply with or will be unable to comply with any condition or limitation specified in this permit, the permittee shall immediately provide the Department with the following information:

   (a) A description of and cause of noncompliance; and
   (b) The period of noncompliance, including dates and times; or, if not corrected, the anticipated time the noncompliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the noncompliance.

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

GENERAL CONDITIONS:

9. In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data and other information relating to the construction or operation of this permitted source which are submitted to the Department may be used by the Department as evidence in any enforcement case involving the permitted source arising under the Florida Statutes or Department rules, except where such use is prescribed by Section 403.111 and 403.73, F.S. Such evidence shall only be used to the extent it is consistent with the Florida Rules of Civil Procedure and appropriate evidentiary rules.

10. The permittee agrees to comply with changes in Department rules and Florida Statutes after a reasonable time for compliance; provided, however, the permittee does not waive any other rights granted by Florida Statutes or Department rules.

11. This permit is transferable only upon Department approval in accordance with Rules 62-4.120 and 62-730.300, Florida Administrative Code (F.A.C.), as applicable. The permittee shall be liable for any non-compliance of the permitted activity until the transfer is approved by the Department.

12. This permit or a copy thereof shall be kept at the work site of the permitted activity.

13. This permit also constitutes:

    ( ) Determination of Best Available Control Technology (BACT)
    ( ) Determination of Prevention of Significant Deterioration (PSD)
    ( ) Certification of compliance with State Water Quality Standards (Section 401, PL 92-500)
    ( ) Compliance with New Source Performance Standards

14. The permittee shall comply with the following:

    (a) Upon request, the permittee shall furnish all records and plans required under Department rules. During enforcement actions, the retention period for all records will be extended automatically unless otherwise stipulated by the Department.

    (b) The permittee shall hold at the facility or other location designated by this permit records of all monitoring information (including all calibration and maintenance records and all original strip chart recordings for continuous monitoring information) required by the permit, copies of all reports required by this permit, and records of all data used to complete the application for this permit. These materials shall be retained at least three years from the date of the sample, measurement, report, or application unless otherwise specified by Department rule.

    (c) Records of monitoring information shall include:
        1. The date, exact place, and time of sampling or measurements;
        2. The person responsible for performing the sampling or measurements;
        3. The dates analyses were performed;
        4. The person responsible for performing the analyses;
        5. The analytical techniques or methods used;
        6. The results of such analyses.

15. When requested by the Department, the permittee shall within a reasonable time furnish any information required by law which is needed to determine compliance with the permit. If the permittee becomes aware the relevant facts were not submitted or were incorrect in the permit application or in any report to the Department, such facts or information shall be corrected promptly.

SPECIFIC CONDITIONS:

OPERATING CONDITIONS

1. There is no limitation on the annual hours of operation.
[Rule 62-210.200, (PTE), F.A.C.]

2. No person shall circumvent any pollution control device or allow the emissions of air pollutants without the applicable air pollution control device operating properly.
[Rule 62-210.650, F.A.C.]

3. The maximum permitted process rate is 1,036,800 tons per any consecutive 12-month period for the mechanical ship unloading system, 518,400 tons per any consecutive 12-month period for the pneumatic ship unloading system, and 2,628,000 tons per any consecutive 12-month period for the cement tanker truck loading system.
[Rule 62-210.200, (PTE), F.A.C.]

4. All reasonable precautions to prevent unconfined emissions of unconfined particulate matter at this facility. Reasonable precautions shall include, but not limited to, the following requirements:
a) Water application when necessary to control emissions;
b) Removal of particulate matter from roads and other paved areas under control of the owner or operator to prevent reentrainment and from buildings or work areas to prevent particulate from becoming airborne;
c) Enclosure or covering of conveyor systems;
d) Curtailing of operations if winds are entraining particulate matter;
e) Use of a spray bar or chute to mitigate emissions at the drop point to the truck.
[Rule 62-296.320(4)(c)2., F.A.C.]

EMISSION LIMITS

5. No person shall cause, suffer, allow or permit the discharge of air pollutants which cause or contribute to an objectionable odor. An objectionable odor is defined as any odor present in the outdoor atmosphere which by itself or in combination with other odors, is or may be harmful or injurious to human health or welfare, which unreasonably interferes with the comfortable use and enjoyment of life or property, or which creates a nuisance.
[Rules 62-296.320(2) and 62-210.200, F.A.C.]

6. Emissions from silos or other enclosed storage or conveying equipment shall be controlled to the extent necessary to limit visible emissions to 5 percent opacity.
[Rule 62-296.414(1), F.A.C.]

COMPLIANCE

7. Each particulate emission source must be tested for visible emissions in accordance with DEP Method 9 at least 90 days prior to permit expiration date. The DEP Method 9 test shall last 30 minutes or the length of the batch/cycle.
[Rules 62-297.401 and 62-297.310(4)(a)2., F.A.C.]

8. At least 15 days prior to the date on which each formal compliance test is due to begin, the permittee shall provide written notification of the test to the air compliance section of this office. The notification must include the following information: the date, time, and location of each test; the name and telephone number of the facility's contact person who will be responsible for coordinating the test; and the name, company, and telephone number of the person conducting the test.
[Rule 62-297.310(7)(a)9., F.A.C.]

SPECIFIC CONDITIONS:

9. Testing of emissions shall be conducted with the emissions unit operation at permitted capacity. The maximum operating rate is 600 tons per hours for the pneumatic ship unloading system, 300 tons per hour for the mechanical ship unloading system, and 300 tons per hour for the cement tanker truck loading system. Permitted capacity is defined as 90 to 100 percent of the maximum operation rate allowed by the permit. If it is impractical to test at permitted capacity, an emission unit may be tested at less than the maximum permitted capacity; in this case, subsequent emissions unit operation is limited to 110 percent of the test rate until a new test is conducted. Once the unit is so limited, operation at higher capacities is allowed for no more than 15 consecutive days for the purpose of additional compliance testing to regain the authority to operate at the permitted capacity.
[Rule 62-297.310(2), F.A.C.]

RECORDKEEPING AND DOCUMENT SUBMITTAL

10. The owner or operator shall submit a copy of the compliance test results to the air compliance section of this office within 45 days after the last sampling run of each test is completed.
[Rule 62-297.310(8)(b), F.A.C.]

PERMIT APPLICATION

11. At least 60 days prior to the expiration date of this operation permit, the permittee shall submit to this office four copies of air permit application, DEP Form No. 62-210.900(4), along with the processing fee.
[Rule 62-4.090, F.A.C.]

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION

James N. Bradner

James N. Bradner, P.E.
Program Administrator
Air Resources Management

Issued: November 2, 2007