



Department of Environmental Protection

Jeb Bush
Governor

Northeast District
7825 Baymeadows Way, Suite B200
Jacksonville, Florida 32256-7590

Colleen M. Castille
Secretary

March 17, 2006

Mr. John Cannon
General Manufacturing Manager
Tamko Roofing Products, Inc.
914 Hall Park Drive
Green Cove Springs, Florida 32043

Clay County – Air Permitting
Green Cove Springs Plant
Facility ID No. 0190019 Project No.: 022-AC
For the installation of a portable dust collector and a bin vent filter

Dear Mr. Cannon:

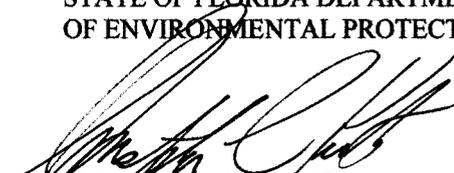
NOTICE OF PERMIT ISSUANCE

Enclosed is Permit Number 0190019-022-AC to construct the subject air pollution emissions unit(s), issued pursuant to Section 403.087, Florida Statutes (F.S.).

Any party to this order has the right to seek judicial review of it under Section 120.68 F.S., by filing a notice of appeal under Rule 9.110 of the Florida Rules of Appellate Procedure with the clerk of the Department of Environmental Protection in the Office of General Counsel, Mail Station 35, 3900 Commonwealth Boulevard, Tallahassee, Florida, 32399-3000, and by filing a copy of the notice of appeal accompanied by the applicable filing fees with the appropriate district court of appeal. The notice must be filed within thirty days after this order is filed with the clerk of the Department.

Executed in Jacksonville, Florida.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION



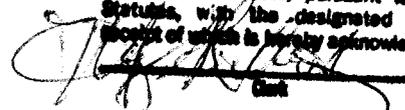
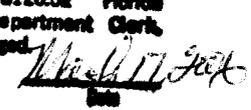
Christopher L. Kirts, P. E.
District Air Program Administrator

CLK: mcl

Cc: Steven C. Cullen, P.E., Koogler & Associates, Inc.
Veronica N. Sgro, Staff Engineer, Koogler & Associates, Inc

FILING AND ACKNOWLEDGEMENT

FILED on this date, pursuant to §120.52 Florida Statutes, with the designated Department Clerk, receipt of which is hereby acknowledged.

 
Clerk Date



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Secretary

PERMITTEE:

TAMKO Roofing Products, Inc.
914 Hall Park Drive
Green Cove Springs, FL 32043

| | |
|---------------------|--|
| I.D. Number: | 0190019 |
| Permit/Cert Number: | 0190019-022-AC |
| Date of Issue: | March 17, 2006 |
| Expiration Date: | March 17, 2007 |
| County: | Clay |
| Latitude/Longitude: | 29°58'55"N; 81°40'17"W |
| UTM: | E-(17)435.2; N-3316.8 |
| Project: | Installation of a portable dust collector and a bin vent filter |

This permit is issued under the provisions of Chapter(s) 403, Florida Statutes, and Florida Administrative Code Rule(s) 62-204, 62-210, 62-212, 62-296, 62-297 and 62-4. 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:

PROJECT

For the modification of Emissions Point No. 17 (EP17-F) of Emissions Unit 001. This modification includes the installation of a portable dust collector with hood that would be used during truck unloading and a bin vent filter at the top of the granule/sand storage silo. The portable dust collector (Model: DFO 3-6) and the bin vent filter (Model: TBV 4 Cartridge Dust Collector) are considered two separate emissions points under Emissions Unit 001-No.1 Asphalt Roofing Line. Also, the rail unloading, the transfer point between conveyors, and the transfer point from conveyor to elevator are classified as regulated emissions points.

REGULATORY CLASSIFICATION

The proposed installations are affected facilities pursuant to 40 CFR 60 Subpart UU, Standards of Performance for Asphalt Processing and Asphalt Roofing Manufacture, and are classified as emissions points of Emissions Unit 001-No.1 Asphalt Roofing Line:

Emissions Point No. 17 (EP 17) - Granule/Sand Storage Silos (Tanks #22-26) controlled by Bin Vent Filter
Emissions Point No. 18 (EP 18) - Truck Unloading Controlled by Portable Dust Collector
Emissions Point No. 19 (EP-19) - Rail Unloading (uncontrolled) to Granule Unload Conveyor
Emissions Point No. 20 (EP-20) - Transfer point between conveyor 1 and 2
Emissions Point No. 21 (EP-21) - Transfer point from conveyor 2 to elevator

OPERATING LOCATION

Located at east of US 17, south of SR 16, at 914 Hall Park Drive, Green Cove Springs, Clay County, Florida.

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RELEVANT DOCUMENTS

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

- Application for Air Permit - Non-Title V Source received October 31, 2005
- Additional information received via email November 16, 2005
- Additional information received via email November 29, 2005
- Additional Information received via email January 10, 2006
- Additional Information received February 13, 2006
- Additional Information received via email February 23, 2006

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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 403.161, 403.727, or 403.859 through 403.861, Florida Statutes. The permittee is placed on notice that the Department will review this permit periodically and may initiate enforcement action for any violation of the 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), Florida Statutes, the issuance of this permit does not convey any vested rights or any exclusive privileges. Neither does it authorize any injury to public or private property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations. This permit is not a waiver of or approval of any other Department permit that may be required for other aspects of the total project which are not addressed in the permit.
4. This permit conveys not 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 permitted 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 or 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 a reasonable time, access to the premises, where the permitted activity is located or conducted to:
 - a. Have access to and copy any record that must be kept under the conditions of the permit;
 - b. Inspect the facility, equipment, practices, or operations regulated or required under this permit; and
 - c. Sample or monitor any substances or parameters at any location reasonably necessary to assure compliance with this permit or Department rules.

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

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GENERAL CONDITIONS:

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

- a. a description of and cause of non-compliance; and
- b. the period of non-compliance, including dates and times; or, if not corrected, the anticipated time the non-compliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the non-compliance.

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.

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

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 Florida Administrative Code Rules 62-4.120 and 62-730.300, F.A.C., as applicable. The permittee shall be liable for any non-compliance of the permitted activity until the transfer is approved by the Department.

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)
- (x) Compliance with New Source Performance Standards (NSPS)

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GENERAL CONDITIONS:

14. The permittee shall comply with the following:

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

b. The permittee shall hold at the facility or other location designated by this permit records of all monitoring information (including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation) required by the permit, copies of all reports required by this permit, and records of all data used to complete the application 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:
the date, exact place, and time of sampling or measurements;
the person responsible for performing the sampling or measurement;
the dates analyses were performed;
the person responsible for performing the analyses;
the analytical techniques or methods used; and
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 that relevant facts were not submitted or were incorrect in the permit application or in any report to the Department, such facts or information shall be corrected promptly.

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SPECIFIC CONDITIONS:

ESSENTIAL POTENTIAL TO EMIT (PTE) PARAMETERS

- Hours of Operation:** The hours of operation are not limited (8760 H/Y).
 [Rules 62-4.160(2) and 62-210.200(PTE), F.A.C.]
- Maximum Operation Rate:** The maximum operating rates are listed below and shall not be exceeded without prior Department approval.

| Emissions Point | Description | Throughput Rate |
|-----------------|---|-----------------|
| EP - 17 | Granule/Sand Storage Silos (Tanks #22-26) controlled by bin vent filter | See Note |
| EP - 18 | Truck Unloading controlled by portable dust collector | 30 Tons/hour |
| EP - 19 | Rail Unloading | 40 Tons/hour |
| EP - 20 | Transfer point between conveyor 1 & 2 | See Note |
| EP - 21 | Transfer point from conveyor 2 to elevator | See Note |

Note: Based on rail unloading rate.

- The I.D. No. and Project name for this source shall be used on all correspondence.

EMISSION LIMITATIONS AND PERFORMANCE STANDARDS

- The permittee shall comply with the requirements of 40 CFR Part 60, Subpart A- General Provisions.
- Emission Limits:** The permitted maximum allowable emissions rates are as follows:

| Pollutant | Emissions Point | Emissions Limitation | Rule |
|------------------------|-----------------|----------------------|-------------------|
| Visible Emissions (VE) | EP - 17 | ≤ 1 % Opacity | 40 CFR 60.472 (d) |
| | EP - 18 | | |
| | EP - 19 | | |
| | EP- 20 | | |
| | EP - 21 | | |

- General Visible Emissions Standard (Facility-wide):** Except for emissions units that are subject to a particulate matter or opacity limit set forth or established by rule and reflected by conditions in this permit, no person shall cause, let, permit, suffer or allow to be discharged into the atmosphere the emissions of air pollutants from any activity, the density of which is equal to or greater than that designated as Number 1 on the Ringelmann Chart (20 percent opacity). Visible Emissions testing shall be performed upon request by the Department using EPA Method 9 pursuant to Chapter 62-297, F.A.C.
 [Rule 62-296.320(4)(b)1., F.A.C.]
- Objectionable Odor Prohibited:** No person shall cause, suffer, allow or permit the discharge of air pollutants which cause or contribute to an objectionable odor. Objectionable odor, is an odor present in the outdoor atmosphere which by itself or by combination with other odors, is or maybe harmful or injurious to human health or welfare, which unreasonably interferes with the comfortable use and enjoyment of life or property, or which create a nuisance.
 [Rule 62-296.320(2) and 62-210.200 (181), F.A.C.]

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SPECIFIC CONDITIONS:

8. **Circumvention of Control Devices:** The permittee shall not allow any person to circumvent any pollution control device nor allow the emissions of air pollutants without the applicable air pollution control device operating properly.
[Rule 62-210.650, F.A.C.]
9. **Unconfined Particulate Matter (Facility Wide):** No person shall cause, let, permit, suffer or allow the emissions of unconfined particulate matter from any activity, including vehicular movement; transportation of material; construction, alteration, demolition or wrecking; or industrially activity such as loading, unloading, storing and handling; without taking reasonable precaution to prevent such emissions. Reasonable precautions may include but are not limited to the followings:
- a. Paving and maintenance of roads, parking areas and yards.
 - b. Application of water or chemicals to control emissions from such activities as demolition of buildings, grading roads, construction, and land clearing.
 - c. Application of asphalt, water, oil, chemicals or other dust suppressants to unpaved roads, yards, open stock piles and similar activities.
 - d. Removal of particulate matter from paved roads and/or other paved areas under the control of the owner or operator of the facility to prevent reentrainment, and from buildings or work areas to prevent particulate from becoming airborne.
 - e. Landscaping or planting of vegetation.
 - f. Use of hoods, fans, filters and similar equipment to contain, capture and prevent particulate matter.
 - g. Enclosure or covering of conveyor systems.
 - h. Confining abrasive blasting where possible.
- [Rule 62-296.320(4)(c), F.A.C.]

Excess Emissions

10. Excess emissions resulting from malfunction shall be permitted provided that best operational practices to minimize emissions are adhered to and the duration of excess emissions shall be minimized but in no case exceed two hours in any 24-hour period unless specifically authorized by the Department for longer duration.
[Rule 62-210.700(1), F.A.C.]
11. Excess emissions resulting from startup or shutdown shall be permitted provided that best operational practices to minimize emissions are adhered to and the duration of excess emissions shall be minimized.
[Rule 62-210.700(2), F.A.C.]
12. Excess emissions which are caused entirely or in part by poor maintenance, poor operation, or any other equipment or process failure which may reasonably be prevented during startup, shutdown or malfunction shall be prohibited.
[Rule 62-210.700(4), F.A.C.]

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SPECIFIC CONDITIONS:

COMPLIANCE MONITORING AND TESTING REQUIREMENTS

13. **Compliance Testing:** Test the emissions for the following pollutant (s) within 60 days after achieving the maximum production rate at which the affected facility will be operated, but not later than 180 days after initial startup of such facility.

| Pollutant | Location | Test Method | Applicable Rule |
|-----------|----------------|--------------|-----------------------|
| VE | EP - 17 * Note | EPA Method 9 | 40 CFR 60.474 (c)(5) |
| | EP - 18 | | |
| | EP - 19 | | |
| | EP - 20 * Note | | |
| | EP - 21 * Note | | |

Note: Conduct the test during rail unloading.

14. **Operation During Compliance Test:** Unless otherwise stated in the applicable emission limiting standard rule, testing of emissions shall be conducted with the emissions unit operation at permitted capacity as defined in Specific Condition 2. If it is impracticable to test at permitted capacity, an emissions unit may be tested at less than the minimum permitted capacity; in this case, subsequent emissions unit operation is limited to 110 percent of the test load until a new test is conducted. Once the unit is so limited, operation at higher capacities is allowed for no more than 15 consecutive days for the purpose of additional compliance testing to regain the authority to operate at the permitted capacity. Permitted capacity is defined as 90 to 100 percent of the maximum operation rate allowed by the permit.
 [Rule 62-297.310(2)(b), F.A.C.]
15. **Special Compliance Tests:** When the Department, after investigation, has good reason (such as complaints, increased visible emissions or questionable maintenance of control equipment) to believe that any applicable emission standard contained in a Department rule or in a permit issued pursuant to those rules is being violated, it shall require the owner or operator of the emissions unit to conduct compliance tests which identify the nature and quantity of pollutant emissions from the emissions unit and to provide a report on the results of said tests to the Department.
 [Rule 62-297.310(7), F.A.C.]
16. **Compliance Test Notification:** 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.]
17. **Commencement of Construction Notification:** The owner or operator shall furnish the Department a written notification of the date of commencement of construction. The notification shall be postmarked no later than 30 days after such date.
 [40 CFR 60.7(a) 1]

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- 18. Initial Startup Notification:** The owner or operator shall furnish the Department a written notification of the actual date of initial startup. The notification shall be postmarked within 15 days after such date.
[40 CFR 60.7 (a) 3]

REPORTING AND RECORDKEEPING REQUIREMENTS

- 19. Test Reporting:** Reports of the required compliance tests shall be filed with the Air Compliance Section of this office as soon as practical but no later than 45 days after the last test is completed.
[Rule 62-297.310(8), F.A.C.]

ADMINISTRATIVE

- 20.** Any revision(s) to a permit (and application) must be submitted to the Department, in writing, and approved by the Department prior to implementation.
- 21. Modifications.** No emissions unit or facility subject to this permit shall be constructed or modified without obtaining an air construction permit from the Department. Such permit shall be obtained prior to beginning construction or modification.
[Rule 62-210.300(1), F.A.C.]
- 22. New or Additional Conditions.** For good cause shown and after notice and an administrative hearing, if requested, the Department may require the permittee to conform to new or additional conditions. The Department shall allow the permittee a reasonable time to conform to the new or additional conditions, and on application of the permittee, the Department may grant additional time.
[Rule 62-4.080(1), F.A.C.]
- 23.** A completed Application for Air Permit- Non-Title V Source [DEP Form No. 62-210.900(3), F.A.C.] shall be submitted to the Department at least 60 days prior to the expiration date of this construction permit. To properly apply for an operation permit, the permittee shall submit the appropriate application form, processing fee, and compliance test reports as required by this permit.
[Rules 62-4.055 and 62-4.220, F.A.C.]

Executed in Jacksonville, Florida.

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Christopher L. Kirts, P.E.

District Air Program Administrator