

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION
NOTICE OF PERMIT

In the matter of an
Application for Permit by:

DER File No. AC 13-187599
Dade County

Mr. James S. Jenkins III
Rinker Materials Corporation
Post Office Box 650679
Miami, Florida 33265-0679

Enclosed is Permit Number AC 13-187599 to construct (modify) a stationary 25
TPH soil remediation unit, issued pursuant to Section(s) 403, Florida Statutes.

Any party to this Order (permit) has the right to seek judicial review of the
permit pursuant to Section 120.68, Florida Statutes, by the filing of a Notice of
Appeal pursuant to Rule 9.110, Florida Rules of Appellate Procedure, with the
Clerk of the Department in the Office of General Counsel, 2600 Blair Stone Road,
Tallahassee, Florida 32399-2400; and by filing a copy of the Notice of Appeal
accompanied by the applicable filing fees with the appropriate District Court of
Appeal. The Notice of Appeal must be filed within 30 days from the date this
Notice is filed with the Clerk of the Department.

Executed in Tallahassee, Florida.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL REGULATION

C. H. Fancy
C. H. Fancy, P.E., Chief
Bureau of Air Regulation
2600 Blair Stone Road
Tallahassee, FL 32399-2400
904-488-1344

CERTIFICATE OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this
NOTICE OF PERMIT and all copies were mailed before the close of business on
9-24-91 to the listed persons.

Clerk Stamp

FILING AND ACKNOWLEDGMENT FILED,
on this date, pursuant to
§120.52(11), Florida Statutes,
with the designated Department
Clerk, receipt of which is hereby
acknowledged.

Keri Jober
RECEIVED (Clerk)

SEP 27 1991

DEPT. OF ENVIRONMENTAL REG.
WEST PALM BEACH

9-24-91
(Date)

Copies furnished to:
J. Harper, EPA
I. Goldman, SE Dist.
P. Wong, DERM
Satish Kastury, HWR



State of Florida
DEPARTMENT OF ENVIRONMENTAL REGULATION

For Routing To Other Than The Addressee	
To: _____	Location: _____
To: _____	Location: _____
To: _____	Location: _____
From: _____	Date: _____

Interoffice Memorandum

TO: Carol M. Browner
FROM: Steve Smallwood *[Signature]*
DATE: September 19, 1991
SUBJ: Approval of Construction Permit AC 13-187599
Rinker Materials Corporation

Attached for your approval and signature is a permit prepared by the Bureau of Air Regulation for the above mentioned company to construct a stationary 40 TPH soil remediation unit at Rinker's Portland cement plant in Miami, Dade County, Florida.

Mercury may be emitted in trace quantities from this operation, less than 0.1 TPY. This quantity of mercury will not have a measurable impact on the environment.

Comments were submitted by Dade County Department of Environmental Resources Management (DERM). DERM requested the Department evaluate the potential ground level impacts of the metals emissions. This is addressed in the Final Determination and did not result in any change to the proposed permit.

I recommend your approval and signature.

SS/WH/plm

Attachments

Final Determination

Rinker Materials Corporation
Miami, Dade County, Florida

Stone Dryer Modification

Permit No.: AC 13-187599

Department of Environmental Regulation
Division of Air Resources Management
Bureau of Air Regulation

September 11, 1991

Final Determination

The revised Technical Evaluation and Preliminary Determination for the permit to construct (modify) the existing stone dryer at Rinker Materials Corporation's Portland cement manufacturing plant located at 1200 Northwest 137th Avenue, Miami, Dade County, Florida 33265-0679, was distributed on July 17, 1991. The Notice of Intent to Issue was published in the Miami Herald on July 24, 1991. Copies of the evaluation were available for public inspection at the Dade County Department of Environmental Resources Management's (DERM) office in Miami and the Department's offices in West Palm Beach and Tallahassee.

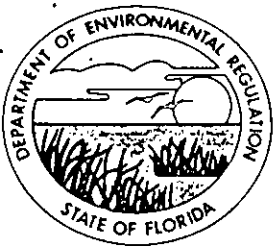
Comments were submitted by DERM. The Department was requested to evaluate the potential ground level impacts of the metals emissions from the dryer. Using the stack parameters listed in the application, the maximum allowable particulate matter emissions listed in the proposed permit, and assuming the metal concentration in the particulate matter emissions were the maximum allowed in the untreated soil, the maximum concentration predicted to be in the ambient air was calculated and the results are shown in the following table.

Metal	Max ppm in soil	Max Metal Emission, g/s	Maximum AAQ Impact (ug/m ³)				No Threat Level (ug/m ³)		
			1 hr	8 hr	24 hr	Annual	8 hr	24 hr	Annual
Arsenic	55	2.3x10 ⁻⁵	1.4x10 ⁻⁴	1x10 ⁻⁴	5.7x10 ⁻⁵	1.4x10 ⁻⁵	2	0.48	2.3x10 ⁻⁴
Barium	2750	1.2x10 ⁻³	7.4x10 ⁻³	5.2x10 ⁻³	3.0x10 ⁻³	7.4x10 ⁻⁴	5	1.2	50
Cadmium	55	2.3x10 ⁻⁵	1.4x10 ⁻⁴	1x10 ⁻⁴	5.7x10 ⁻⁵	1.4x10 ⁻⁵	0.5	0.12	5.6x10 ⁻⁴
Chromium	275	1.2x10 ⁻⁴	7.4x10 ⁻⁴	5.2x10 ⁻⁴	3.0x10 ⁻⁴	7.4x10 ⁻⁵	0.5	0.12	8.3x10 ⁻⁵
Lead	77	3.2x10 ⁻⁵	2x10 ⁻⁴	1.4x10 ⁻⁴	7.9x10 ⁻⁵	2x10 ⁻⁵	1.5	0.36	9x10 ⁻²
Mercury	17	7.1x10 ⁻⁶	4.4x10 ⁻⁵	3.1x10 ⁻⁵	1.8x10 ⁻⁵	4.4x10 ⁻⁶	0.5	0.12	0.3
Selenium	165	6.9x10 ⁻⁵	4.3x10 ⁻⁴	3x10 ⁻⁴	1.7x10 ⁻⁴	4.3x10 ⁻⁵	2	0.48	
Silver	165	6.9x10 ⁻⁵	4.3x10 ⁻⁴	3x10 ⁻⁴	1.7x10 ⁻⁴	4.3x10 ⁻⁵	0.1	24x10 ⁻²	3

None of the metal impacts are predicted to exceed the No Threat Level.

Data from tests required by the construction permit will be used to confirm the assumptions used in the evaluation of the metals ambient impact.

The final action of the Department will be to issue construction permit No. AC 13-187599 as proposed in the revised Technical Evaluation and Preliminary Determination.



Florida Department of Environmental Regulation

Twin Towers Office Bldg. • 2600 Blair Stone Road • Tallahassee, Florida 32399-2400

Lawton Chiles, Governor

Carol M. Browner, Secretary

ED# 50DAD130014

PERMITTEE:
Rinker Materials Corporation
P. O. Box 650679
Miami, Florida 33265-0679

Permit Number: AC 13-187599
Expiration Date: March 30, 1992
County: Dade
Latitude/Longitude: 25°46'48"N
80°25'10"W
Project: Modification of the
Stone Dryer

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Chapters 17-2 and 17-4. 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:

Authorization to modify the existing stone dryer system to decontaminate up to 40 TPH of soil containing petroleum products (gasoline, No. 2-6 fuel oils, and motor oil). Major components of the system are Gencor Ultraflame low excess air oil burners for the existing 7 ft. diameter by 80 ft. long rotary dryer, an 85% efficient Joy-Western multicyclone, a 99.9% efficient Micropul baghouse with 3,366 sq. ft. of cloth area, a 99.5% efficient natural gas fired IT/McGill afterburner capable of 0.75 seconds residence time at 1600°F, two heat exchangers for energy recovery, a raw material gallery controlled with a Micropul baghouse that discharges approximately 500 acfm at 400°F through a 1.0 ft. square stack that is 45 ft. high, material handling equipment (screens, inclined belt feeders, bucket elevator, crusher, and stacker), fuel systems (used petroleum oil meeting the provisions of 40 CFR 266, Subpart E, and No. 2 fuel oil for the dryer, and natural gas for the afterburner), a by-pass stack to be used only when the kiln is drying stone, and associated equipment. Air pollutants from the dryer are discharged in approximately 36,500 acfm of 800°F flue gases through a 4.5 ft. diameter by 80 ft. high stack.

This system is located at the permittee's Portland cement manufacturing plant at 1200 Northwest 137th Avenue, Miami, Dade County, Florida 33265-0679. The UTM coordinates of this site are Zone 17, 558.2 km E and 2851.3 km N.

The source shall be constructed in accordance with the permit application, plans, documents, amendments and drawings, except as otherwise noted in the General and Specific Conditions.

PERMITTEE:
Rinker Materials Corporation

Permit Number: AC 13-187599
Expiration Date: March 30, 1992

Attachments are listed below:

1. Application received Dec. 10, 1990.
2. Rinker's letter dated Feb. 22, 1991.
3. Environmental Quality Management, Inc. letter dated Mar. 5, 1991.
4. Environmental Quality Management, Inc. letter dated May 8, 1991.
5. DERM letter dated Jun. 27, 1991.

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 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), 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 no title to land or water, does not constitute State recognition or acknowledgement 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.

PERMITTEE:
Rinker Materials Corporation

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GENERAL CONDITIONS:

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

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

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

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

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

PERMITTEE:
Rinker Materials Corporation

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GENERAL CONDITIONS:

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 17-4.120 and 17-30.300, 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. 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

PERMITTEE:
Rinker Materials Corporation

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GENERAL CONDITIONS:

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 measurements;
- the dates analyses were performed;
- the person responsible for performing the analyses;
- the analytical techniques or methods used; and
- the results of such analyses.

14. 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.

SPECIFIC CONDITIONS:

Construction Requirements

1. The construction of this facility shall reasonably conform to the plans and schedule submitted in the application.
2. The stack sampling facilities must comply with F.A.C. Rule 17-2.700(4).
3. The afterburner shall be capable of operating above 1600°F with a 0.75 second retention time. It shall have a minimum VOC destruction efficiency of 98.8 percent.

Emission Restrictions

4. Particulate matter emissions from the afterburner shall neither exceed 0.04 grains/dscf, nor 3.3 lbs/hr (max.)/1.0 lbs/hr (avg.).

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SPECIFIC CONDITIONS:

Lead emissions shall not exceed 0.13 lbs/hr. Particulate matter emissions from the fugitive dust baghouse shall not exceed 0.02 grains/dscf, nor 0.5 lbs/hr. Visible emissions from any part of the process shall not exceed 5% opacity.

5. Benzene emissions from the afterburner shall not exceed 1.5 lbs/hr. Total VOC emissions shall not exceed 5.5 lbs/hr. Compliance shall be determined by a material balance using soil analysis, production rate, and the afterburner destruction efficiency.

6. The operation of this source shall not result in the emissions of air pollutants which cause or contribute to an objectionable odor pursuant to F.A.C. Rule 17-2.600(c)2.

Operation Requirements

7. The system shall be properly operated and maintained (F.A.C. Rule 17-2.210(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 (F.A.C. Rule 17-2.240). The afterburner must be in service any time the stone dryer is used to decontaminate soil. The use of the afterburner is not required when the unit is used to dry stone.

8. Reasonable precautions shall be used to minimize unconfined emissions of particulate matter generated by this operation (F.A.C. Rule 17-2.610(3)). The permittee shall haul the soil in covered trucks, promptly clean-up spills, and wet the area when dry to minimize wind blown dust.

9. The unit shall not be operated in a manner that may create a nuisance.

10. Untreated soil shall be covered with a plastic sheet while in storage.

11. This unit shall be allowed to operate continuously, 24 hours per day, 7 days per week, and 52 weeks per year. The permittee shall maintain a log that shows the process (soil decontamination or stone drying), time, and dates the unit was operated.

12. Use of the existing cement kiln to decontaminate soil shall cease when the stone dryer begins operation as a soil

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SPECIFIC CONDITIONS:

decontamination unit or when this construction permit expires, whichever event occurs first.

13. Maximum soil charging rate to the unit shall not exceed 40 TPH. The permittee shall measure and record the hourly feed or production rate of the system.

14. The dryer is authorized to burn up to 27.4 MMBtu/hr of waste oil (193 GPH) containing a maximum of 0.4% sulfur and 500 ppm lead, No. 2 distillate oil (193 GPH) containing a maximum of 0.5% sulfur, and/or natural gas (460 CFM). The maximum fuel oil consumption shall not exceed 769,459 gallons in any 12 month period.

15. The fume incinerator is authorized to burn up to 15.0 MMBtu/hr of natural gas (250 CFM). The fume incinerator shall be in service any time the stone dryer is being used to process material containing contaminated soil. The by-pass stack must be closed when the unit is processing contaminated soil.

16. Only soils contaminated with virgin (non-recycled) petroleum fuels and lubricants, and "on-spec" used oils shall be treated in this unit. The soil decontamination system shall neither be used to thermally process materials that are listed in 40 CFR 261.31, 261.32, 261.33 (revised as of July 1, 1990) nor materials that have the hazardous characteristics of corrosivity, reactivity, and EP toxicity. Prior to the acceptance of contaminated materials for processing, the permittee shall obtain reasonable assurance that the soil is contaminated with only virgin and/or "on specification" petroleum products. Reasonable assurance may be obtained by the sampling of the soil, by certification from owners regarding the history of the site, or by any other documentation or submission approved by the Department's Southeast District in such regard. If reasonable assurance is not available, the soil shall be assumed to be contaminated with "off-spec" material.

17. Only soils contaminated with petroleum products (gasoline, Nos. 2-6 fuel, and motor oils) shall be treated in this unit unless otherwise approved by the Bureau of Air Regulation.

Hazardous waste as defined in 40 CFR 261.3 shall not be processed by this unit.

Metals in the soils to be treated shall not exceed the following:

PERMITTEE:
Rinker Materials Corporation

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SPECIFIC CONDITIONS:

Metals	Maximum Concentration	
	TCLP(mg/L)	Total(mg/Kg)
Arsenic	5.0	55
Barium	100.0	2750
Cadmium	1.0	55
Chromium	5.0	275
Lead	5.0	77
Mercury	0.2	17
Selenium	1.0	165
Silver	5.0	165

Total Volatile Organic Aromatics (VOA) constituent in the soil shall not exceed the concentrations that have the potential to exceed the Acceptable Ambient Concentration or the VOC emission limit for this unit (see Specific Conditions Nos. 5 and 19).

To show compliance with this condition, the permittee shall analyze composite samples of the contaminated soil (see Specific Condition No. 18) by the EPA SW 846 Methods, Test Method for Evaluating Solid Waste Physical/Chemical, for VOA (EPA Method 5030/8020), TRPH (EPA draft Method 9073), and Metals (EPA Method 1311, 3050, 6010, 7040, 7041, 7060, 7061, 7080, 7130, 7131, 7190, 7191, 7420, 7421, 7471, and 7760). All soil samples taken at the remediation site and from the soil exiting the dryer shall be stored in a sealed clean glass container immediately upon sampling.

18. The permittee may request, in writing, permission to treat materials not meeting the specifications in F.A.C. Rule 17-775. The request to the Division of Air Resources Management shall include the history of the soil to be treated, an analysis of the contaminants suspected to be in the soil, an estimate of the emissions from the unit while processing the soil, and calculations showing that the ambient air impact from the unit will not exceed the Acceptable Ambient Concentration for any toxic pollutant. Public notice may be required for Department as a part of Department review. The Department will approve or deny each request in writing on a case-by-case basis.

19. Sampling and analysis of the contaminated soil, based on the procedures prescribed in SW-846, shall be conducted prior to remediation. Minimum number of composite samples for analysis at each site prior to remediation shall be as follows:

PERMITTEE:
Rinker Materials Corporation

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SPECIFIC CONDITIONS:

<u>Soil Quantity (yards³)</u>	<u>No. of Composite Samples</u>
Less than 100	1
100 to 500	3
500 to 1000	5
Each additional 500 yds	1 additional sample

20. Unless the Department has determined other concentrations are required to protect public health and safety, predicted ambient air impact of any toxic pollutant, as determined by the PTPLU 6 model or other DARM approved models, shall not exceed the concentration calculated by the following formula:

$$AAC = \frac{40}{X} \cdot \frac{1}{\text{safety factor}} \cdot (\text{OEL})$$

where,

AAC = Acceptable Ambient Concentration

Safety Factor = 100 for category A substances and
50 for category B substances

X = 40 or the hours/week of actual operation,
whichever is larger

OEL - Occupational exposure level such as the TWA-TLV
published by the ACGIH, OSHA, and NIOSH published
standards for toxic materials.

TWA-TLV is the threshold limit value (8 hrs/day,
40 hrs/wk) maximum exposure concentration considered
safe for workers by the ACGIH.

Data in the application shows that, for continuous
operation, an emission of 1 gram/sec will have a maximum
ambient impact of 6.2×10^{-3} mg/m³ (1 hr.), 4.34×10^{-3}
mg/m³ (8 hr.), and 0.62×10^{-3} mg/m³ (annual). If the
stack parameters are different than the values listed in
the application, the permittee must determine and use the
actual impact factor calculated by the EPA Approved
Screen - 1.1 Model or other DARM approved models.

$$\text{Maximum Allowable Emissions (g/sec)} = \frac{\text{AAC (mg/m}^3\text{)}}{\text{Max. Impact of 1 g/s (mg/m}^3\text{)}}$$

PERMITTEE:
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SPECIFIC CONDITIONS:

21. Pressure drop across the dryer's baghouse and temperature of the afterburner shall be recorded continuously during soil decontamination operations. The instruments used to obtain these measurements shall be properly calibrated, maintained, and in operation any time the unit is in service. The baghouse and the afterburner must be fully operational, as demonstrated by continuous monitoring instrumentation on the unit, whenever the system is being used to decontaminate soil. The baghouse shall be fully operational when the system is being used to dry stone.

Compliance Requirements

22. This unit shall be tested at a process weight rate of 36 to 40 TPH. All compliance tests shall meet the requirements listed in F.A.C. Rule 17-2.700. The unit shall not operate above the maximum permitted rate of 40 TPH of contaminated soil.

23. 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 Chapter 17-2, F.A.C., or in this permit is being violated, it may require the owner or operator of the unit to conduct compliance tests which identify the nature and quantity of pollutant emissions from the source and to provide a report on the results of said tests to the Department.

24. The exhaust stack for this process must be tested concurrently for particulate matter and visible emissions by EPA Methods 5 and 9 pursuant to 40 CFR 60, Appendix A, revised as of July 1, 1990, within 30 days after placing the unit in commercial operation under this permit and annually thereafter. The initial test and any test data submitted with an application for permit to operate (every 5 years) shall include analysis of the filter and impinger catch for arsenic, barium, cadmium, chromium, lead, mercury, selenium, and silver along with similar analysis of the contaminated and treated soil processed during the test.

25. The unit destruction efficiency, benzene, and VOC emissions shall be established by a material balance using process weight, soil analysis and either Method 18 or 25 test (40 CFR 60, Appendix A, revised as of July 1, 1990) or other methods as approved by the Department. The afterburner temperature that existed during the compliance test shall be specified as the minimum operation temperature in any permit to operate issued for this unit.

PERMITTEE:
Rinker Materials Corporation

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Expiration Date: March 30, 1992

SPECIFIC CONDITIONS:

Administrative Requirements

26. This permit requires compliance with any applicable local (county) regulations. This may include requirements for a county operation permit.

27. The Southeast District shall be notified in writing at least 15 days in advance of any annual compliance test to be conducted on this source.

28. Any analysis required by Specific Condition No. 17 which indicates a violation of any condition in this permit shall be reported as soon as feasible to the Southeast District. An average concentration of benzene above 1,600 ppm in the soil or total hydrocarbons above 6,000 ppm or metal concentrations above that listed in Specific Condition No. 17 is a potential violation of this permit. The soil may be decontaminated by operating at less than the 40 TPH production rate, or other means, with prior approval of the Department. The permittee must propose the method of compliance with this permit. The burning of waste oil containing more than 500 ppm lead is prohibited by this permit.

29. Records shall be kept by the permittee on the location, date, time, and number of samples taken for each composite sample. Soil analysis results shall be available for Department inspection for minimum of 3 years.

30. Stack test results for PM and VOC shall be submitted to the Department (Southeast District) within 45 days of the test.

31. The permittee, for good cause, may request that this construction permit be extended. Such a request shall be submitted to the Bureau of Air Regulation prior to 60 days before the expiration of the permit (F.A.C. Rule 17-4.090).

32. An application for an operation permit must be submitted to the Southeast District at least 90 days prior to the expiration date of this construction permit or within 45 days after completion of compliance testing, whichever occurs first. To properly apply for an operation permit, the applicant shall submit the appropriate application form, fee, certification that construction was completed

PERMITTEE:
Rinker Materials Corporation

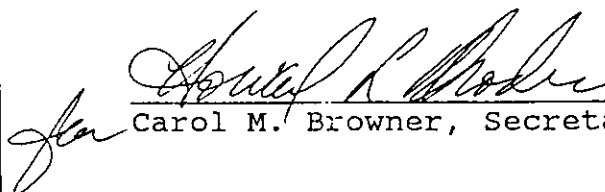
Permit Number: AC 13-187599
Expiration Date: March 30, 1992

SPECIFIC CONDITIONS:

noting any deviations from the conditions in the construction permit, and compliance test reports as required by this permit (F.A.C. Rule 17-4.220).

Issued this 23 day
of September, 1991

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL REGULATION



Carol M. Browner, Secretary