

Check Sheet

Company Name: _____
Permit Number: _____
PSD Number: _____
Permit Engineer: _____

Reichold Chemicals, Inc.
AC 17-149104

Cross References:

-
-
-

Application:

- Initial Application
- Incompleteness Letters
- Responses
- Waiver of Department Action
- Department Response
- Other

Intent:

- Intent to Issue
- Notice of Intent to Issue
- Technical Evaluation
- BACT or LAER Determination
- Unsigned Permit

Correspondence with:

- EPA
- Park Services
- Other
- Proof of Publication
- Petitions - (Related to extensions, hearings, etc.)
- Waiver of Department Action
- Other

Final

Determination:

- Final Determination
- Signed Permit
- BACT or LAER Determination
- Other

Post Permit Correspondence:

- Extensions/Amendments/Modifications
- Other



SENDER: Complete items 1 and 2 when additional services are desired, and complete items 3 and 4.
 Put your address in the "RETURN TO" Space on the reverse side. Failure to do this will prevent this card from being returned to you. The return receipt fee will provide you the name of the person delivered to and the date of delivery. For additional fees the following services are available. Consult postmaster for fees and check box(es) for additional service(s) requested.

1. Show to whom delivered, date, and addressee's address. Restricted Delivery
 ↑(Extra charge)↑ ↑(Extra charge)↑

3. Article Addressed to:
 Mr. Philip P. Ulichney
 Plant Manager
 Reichhold Chemicals, Inc.
 P. O. Box 1433
 Pensacola, FL 32596-1433

4. Article Number
 P 274 007 450

Type of Service:
 Registered Insured
 Certified COD
 Express Mail

Always obtain signature of addressee or agent and **DATE DELIVERED**

5. Signature — Addressee
 X

6. Signature — Agent
 X *[Signature]*

7. Date of Delivery

8. Addressee's Address (Only if requested and *[Signature]*)

PS Form 3811, Mar. 1987 * U.S.G.P.O. 1987-178-268

DOMESTIC RETURN RECEIPT

P 274 007 450

RECEIPT FOR CERTIFIED MAIL
 NO INSURANCE COVERAGE PROVIDED
 NOT FOR INTERNATIONAL MAIL
 (See Reverse)

PS Form 3800, June 1985 * U.S.G.P.O. 1985-480-794

Sent to Mr. Philip P. Ulichney,	
Street and No. Reichhold Chem.	
P.O. Box 1433	
P.O., State and ZIP Code Pensacola, FL 32596-1433	
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt showing to whom and Date Delivered	
Return Receipt showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	\$
Postmark or Date Mailed: 9-9-88 Permit: AC 17-149104	



Florida Department of Environmental Regulation

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

Bob Martinez, Governor

Dale Twachtmann, Secretary

John Shearer, Assistant Secretary

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION
NOTICE OF PERMIT

Mr. Philip P. Ulichney, Plant Mgr.
Reichhold Chemicals, Inc.
Post Office Box 1433
Pensacola, Florida 32596-1433

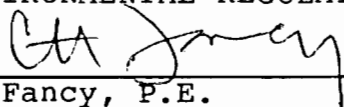
September 8, 1988

Enclosed is construction permit No. AC 17-149104 for Reichhold Chemicals, Inc. to install a new boiler at your Pensacola facility. This permit is issued pursuant to Section 403, Florida Statutes.

Any Party to this 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 permit is filed with the Clerk of the Department.

Executed in Tallahassee, Florida.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL REGULATION



C. H. Fancy, P.E.
Deputy Chief
Bureau of Air Quality Management

Copy furnished to:

J. Preece, NW District
D. B. Smith, Baskerville-Donovan

CERTIFICATE OF SERVICE

The undersigned duly designated deputy clerk hereby certifies that this NOTICE OF PERMIT and all copies were mailed before the close of business on 9-9-88.

FILING AND ACKNOWLEDGEMENT
FILED, on this date, pursuant to
§120.52(9), Florida Statutes, with
the designated Department Clerk,
receipt of which is hereby
acknowledged.

Judy Rogers
Clerk

9-9-88
Date

Final Determination

Reichhold Chemicals, Inc.
Escambia County
Pensacola, Florida

Installation of No. 12 Boiler
Permit No. AC 17-149104

Florida Department of Environmental Regulation
Bureau of Air Quality Management
Central Air Permitting

September 6, 1988

Final Determination

The construction permit application has been reviewed by the Department. Public Notice of the Department's Intent to Issue was published in the Pensacola News Journal on July 29, 1988. The Technical Evaluation and Preliminary Determination were available for public inspection at the DER's Northwest District office and the Bureau of Air Quality Management office.

No comments were received during the public notice period. The final action of the Department will be to issue the construction permit as drafted.



Florida Department of Environmental Regulation

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

Bob Martinez, Governor

Dale Twachtmann, Secretary

John Shearer, Assistant Secretary

PERMITTEE:

Reichhold Chemicals, Inc.
P. O. Box 1433
Pensacola, Florida 32596-
1433

Permit Number: AC 17-149104

Expiration Date: December 31, 1989

County: Escambia

Latitude/Longitude: 30° 24' 30"N
87° 14' 45"W

Project: Gas-Fired Boiler

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Florida Administrative Code (FAC) Rules 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:

For the installation of a gas-fired boiler. This project will be located at the RCI facility in Pensacola, Escambia County, Florida. The UTM coordinates of this site are Zone 17, 476.4 km E and 3363.9 km N.

Construction shall be in accordance with the attached permit application, plans, documents, and drawings except as noted in the General and Specific Conditions of this permit.

Attachments:

1. Application to Construct Air Pollution Sources, DER Form 17-1.202(1) received May 9, 1988.

PERMITTEE:
Reichhold Chemicals, Inc.

Permit Number: AC 17-149104
Expiration Date: December 31, 1989

GENERAL CONDITIONS:

1. The terms, conditions, requirements, limitations, and restrictions set forth herein are "Permit Conditions" and as such are binding upon the permittee and enforceable pursuant to the authority of Sections 403.161, 403.727, or 403.859 through 403.861, Florida Statutes. The permittee is hereby placed on notice that the Department will review this permit periodically and may initiate enforcement action for any violation of the "Permit Conditions" by the permittee, its agents, employees, servants or representatives.

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. Nor 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 does not constitute 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, plant or aquatic life or property and penalties therefore caused by the construction or operation of this permitted source, 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:
Reichhold Chemicals, Inc.

Permit Number: AC 17-149104
Expiration Date: December 31, 1989

GENERAL CONDITIONS:

6. The permittee shall at all times 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, access to the premises, at reasonable times, where the permitted activity is located or conducted for the purpose of:

- a. Having access to and copying any records that must be kept under the conditions of the permit;
- b. Inspecting the facility, equipment, practices, or operations regulated or required under this permit; and
- c. Sampling or monitoring 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 notify and provide the Department with the following information:

- a. a description of and cause of non-compliance; and
- b. the period of noncompliance, including exact 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.

PERMITTEE:
Reichhold Chemicals, Inc.

Permit Number: AC 17-149104
Expiration Date: December 31, 1989

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 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 arising under the Florida Statutes or Department rules, except where such use is proscribed by Sections 403.73 and 403.111, Florida Statutes.

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 17-4.12 and 17-30.30, as applicable. The permittee shall be liable for any noncompliance of the permitted activity until the transfer is approved by the Department.

12. This permit is required to be kept at the work site of the permitted activity during the entire period of construction or operation.

13. This permit also constitutes:

- (x) Determination of Best Available Control Technology (BACT)
- () Determination of Prevention of Significant Deterioration (PSD)
- () Compliance with New Source Performance Standards

14. The permittee shall comply with the following monitoring and record keeping requirements:

- a. Upon request, the permittee shall furnish all records and plans required under Department rules. The retention period for all records will be extended automatically, unless otherwise stipulated by the Department, during the course of any unresolved enforcement action.

PERMITTEE:
Reichhold Chemicals, Inc.

Permit Number: AC 17-149104
Expiration Date: December 31, 1989

GENERAL CONDITIONS:

b. The permittee shall retain 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), copies of all reports required by this permit, and records of all data used to complete the application for this permit. The time period of retention shall be 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 date(s) 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 submitted or corrected promptly.

SPECIFIC CONDITIONS:

1. The construction and operation of this source shall be in accordance with the capacities and specifications stated in the application.

2. Visible emissions shall not be greater than 20% opacity in accordance with FAC Rule 17-2.600(6)(a), and compliance shall be demonstrated at 90-100% of maximum permitted capacity using DER Method 9, in accordance with FAC Rule 17-2.700.

PERMITTEE:
Reichhold Chemicals, Inc.

Permit Number: AC 17-149104
Expiration Date: December 31, 1989

SPECIFIC CONDITIONS:

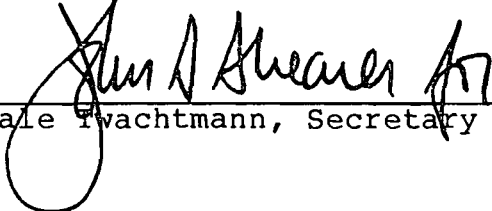
3. The new boiler shall be fired only by natural gas and at a maximum rate of 34 MMBtu/hr for up to 400 hours per year and at a maximum rate of 21.6 MMBtu/hr for the remainder of the annual production period.

4. The compliance test shall be conducted within 30 days after the boiler is placed in operation and the results reported to the Department's Northwest District Office within 45 days of testing. A DER Form 17-1.202(3), Certificate of Completion of Construction, shall be submitted with the test report. The Department's Northwest District Office shall be notified at least 15 days prior to the compliance test and at least 5 days prior to the boiler being placed in operation.

5. An application for a permit to operate this equipment shall be submitted to the Department's Northwest District Office at least 60 days prior to the expiration date of this permit or within 45 days of testing, whichever occurs first.

Issued this 7th day of Sept.,
1988.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL REGULATION


Dale Ivachtmann, Secretary

Best Available Control Technology (BACT) Determination
Reichhold Chemicals, Inc.
Escambia County

The applicant plans to install a new 800 HP gas-fired boiler at their facility in Pensacola, Florida. The boiler will fire only natural gas at a maximum rate of 34 MMBtu/hr for up to 400 hours per year and at a maximum rate of 21.6 MMBtu/hr for the remainder of the annual operating period.

This BACT determination is required for the source as set forth in the Florida Administrative Code Rule 17-2.600(6) - Emission Limiting and Performance Standards.

BACT Determination Request by the Applicant:

The applicant was not aware of the requirement of BACT determinations for particulate and sulfur dioxide emissions. The Department elected to process the application and to disregard this deficiency in the application.


BACT Determination by DER:

The amount of particulate and sulfur dioxide emissions from the boiler will be limited by the firing of natural gas.

Details of the Analysis May be Obtained by Contacting:

Barry Andrews, P.E., BACT Coordinator
Department of Environmental Regulation
Bureau of Air Quality Management
2600 Blairstone Road
Tallahassee, Florida 32399-2400

Recommended by:



C. H. Fancy, P.E., Deputy Bureau Chief, BAQM

September 6, 1988
Date

Approved by:



Dale Twachtman, Secretary

Sept 7, 1988
Date



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: Dale Twachtmann
FROM: Steve Smallwood *JS*
SUBJ: Approval of Construction Permit No. AC 17-149104
Reichhold Chemicals, Inc.
DATE: September 6, 1988

Attached for your approval and signature is a permit prepared by Central Air Permitting for the above mentioned company to install a new boiler at their Pensacola facility.

No comments were received during the public notice period.

Day 90, after which this permit will be issued by default, is September 8, 1988.

I recommend your approval and signature.

SS/JR/s

attachments



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: Dale Twachtmann

FROM: Steve Smallwood

SUBJ: Approval of Construction Permit No. AC 17-149104
Reichhold Chemicals, Inc.

DATE: September 6, 1988

Attached for your approval and signature is a permit prepared by Central Air Permitting for the above mentioned company to install a new boiler at their Pensacola facility.

No comments were received during the public notice period.

Day 90, after which this permit will be issued by default, is September 8, 1988.

I recommend your approval and signature.

SS/JR/s

attachments

PM 8-4-88
Pensacola, FL

file copy

Reichhold Chemicals, Inc.

Coating Polymers & Resins Division
407 South Pace Boulevard
P.O. Box 1433
Pensacola, Florida 32596-1433

RECEIVED

REICHHOLD

AUG 8 1988

DER - BAQM

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

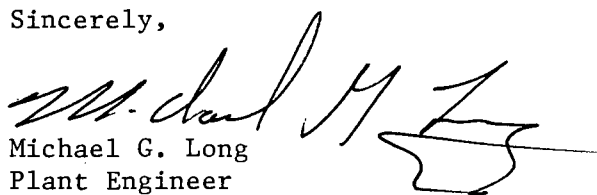
Aug. 4, 1988

Mr. C. H. Fancy, P.E.
Bureau of Air Quality Management
Florida Department of Environmental Regulation
Twin Towers Office Bldg.
2600 Blair Stone Road
Tallahassee, FL 32399-2400

Dear Mr. Fancy:

Enclosed is a copy of the article Reichhold Chemicals published in the Pensacola News Journal on Friday July 29th, 1988 as required by the conditions of the permit application for File No. AC17-149104.

Sincerely,


Michael G. Long
Plant Engineer

MGL/nbw

*copied: John Reynolds
Barry Andrews
Jack Preece, NW Dist*



Tel.: (904) 433-7621
(800) 874-0868
FAX: (904) 433-3655
Telex: 702424

Friday, July 29, 1988

Pensacola News Journal

LEGAL NOTICE LEGAL NOTICE LEGAL NOTICE LEGAL NOTICE LEGAL NOTICE

A NEW WATER AND SEWER PROJECT FOR THE POARCH CREEK INDIANS

INVITATION FOR BIDS

The Poarch Creek Indians will receive bids for the construction of a gravity sewer system, lift station, force main; water distribution system, and a 200,000 gallon elevated water storage tank until 2:30 p.m. CST on the day of August 8, 1988 at the offices of the Poarch Creek Indian Tribe, Atmore, Alabama, at which time and place all bids will be publicly opened and read aloud.

Each BID must be submitted in a sealed envelope, addressed to Joel Lambert, Community Development Planner, Poarch Creek Indians, at Atmore, Alabama. Each sealed envelope containing a BID must be plainly marked on the outside as BID for A New Water and Sewer Project for the Poarch Creek Indians and the envelope should bear on the outside the name of the BIDDER, his address, his license number if applicable, and the name of the project for which the BID is submitted. If forwarded by mail, the sealed envelope containing the BID must be enclosed in another envelope addressed to the Poarch Creek Indians at Rt. 3, Box 243-A, Atmore, Alabama 36502 on the outside. Plainly marked on the outside of all bids envelopes must be the words "Do not open until 2:30 p.m. CST August 8, 1988".

The projects to be constructed will be funded by: the United States Department of Housing and Urban Development Community Development Block Grant Program; Poarch Creek Indians; Freemanville Water

System, Inc.; and United States Department of Health and Human Services Indian Health Services.

The project is comprised of the following principal items:

1. DIVISION I - (offsite) Lift Station S.S. Force Main Water Distribution Storm Drainage Gravity Sanitary Sewer Mains

3. DIVISION II 200,000M Elevated Water Storage Tank

Proposed forms of contract documents, including plans and specifications, are on file at the office of the Engineer, Tom W. Justice and Associates, 2100 North 12th Avenue, Pensacola, FL 32503 and the F. W. Dodge Plan Rooms in Mobile, Alabama, and Pensacola, Florida.

Copies of the documents may be obtained from the Engineer for \$50.00. No refund will be made for payment of the documents.

A certified check or bank draft, payable to the Poarch Creek Indians, U.S. Government bonds, or a satisfactory bid bond (5%) executed by the bidder and acceptable sureties in an amount equal to one hundred percent (100%) of the bid shall be submitted with each bid.

The successful bidder will be required to furnish and pay for satisfactory performance bond of 100% and payment bond of 100%.

All inquiries are to be made through the office of the Engineer, Tom W. Justice and Associates, 2100 North 12th Avenue, Pensacola, FL 32503 (904) 433-5629.

In accordance with In-

dian Preference Requirements, each bidder will be required to implement the Indian Preference in sub-contracting, buying materials, services, and hiring and training of employees. Payment of not less than the minimum salaries and wages as set forth in the Specifications must be paid on this project. A list of Indian subcontractors is included in the contract documents.

The Poarch Creek Indians reserve the right to reject any or all bids or to waive any informalities in the bidding.

No bid shall be withdrawn for a period of thirty (30) days subsequent to the opening of bids without the consent of the Poarch Creek Indians.

Legal No. 34573 4t July 8, 15, 22, 29, 1988

State of Florida Department of Environmental Regulation Notice of Intent

The Department of Environmental Regulation hereby gives notice of its intent to issue a permit to Reichhold Chemicals, Inc. to install a new 800 HP gas-fired boiler at the company's facility in Pensacola, Florida. A determination of best available control technology was required for the proposed project. The Department is issuing this Intent to Issue for the reasons stated in the Technical Evaluation and Preliminary Determination.

Persons whose substantial interests are affected by the Department's proposed permitting decision may petition for an administrative determination (hearing) in accordance with Section 120.57,

Florida Statutes. The petition must conform to the requirements of Chapters 17-103 and 28-5, Florida Administrative Code, and must be filed (received) in the Department's Office of General Counsel, 2600 Blair Stone Road, Twin Towers Office Building, Tallahassee, Florida 32399-2400, within fourteen (14) days of publication of this notice. Failure to file a petition within this time period constitutes a waiver of any right such person has to request an administrative determination (hearing) under Section 120.57, Florida Statutes.

If a petition is filed, the administrative hearing process is designed to formulate agency action. Accordingly, the Department's final action may be different from the proposed agency action. Therefore, persons who may not wish to file a petition may wish to intervene in the proceeding. A petition for intervention must be filed pursuant to Rule 28-5.207, Florida Administrative Code, at least five (5) days before the final hearing and be filed with the hearing officer if one has been assigned at the Division of Administrative Hearings, Department of Administration Code, at least five (5) days before the final hearing and be filed with the hearing officer if one has been assigned at the Division of Administrative Hearings, Department of Administration, 2009 Apalachee Parkway, Tallahassee, Florida 32301. If no hearing officer has been assigned, the petition is to be filed with the Department's Office of General Counsel, 2600 Blair Stone Road, Tallahassee, Florida 32399-2400. Failure to petition to intervene within the allowed time frame constitutes a

waiver of any right such person has to request a hearing under Section 120.57, Florida Statutes.

The application 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:

Dept. of Environmental Regulation Bureau of Air Quality Management 2600 Blair Stone Road Tallahassee, Florida 32399-2400

Department of Environmental Regulation Northwest District Office 160 Governmental Center Pensacola, Florida 32501-5794

Any person may send written comments on the proposed action to Mr. Bill Thomas at the Department's Tallahassee address. All comments mailed within 14 days of the publication of this notice will be considered in the Department's final determination.


Legal No. 34758 1t July 29, 1988

"Notice is hereby made to all those concerned and affected that McIntyre Const Co., Inc. is performing Proj No HSMV 86090050, Drivers Testing Range, 100 Stumpfield Rd. Pensacola, FL. All parties furnishing labor, materials and/or equipment to said project are to provide notice of such in writing by certified mail to the Division of Building Construction, Department of General Services, Suite 531 Larson Bldg, Tallahassee, FL 32399-0973, within twenty (20) days of first providing such labor, materials and/or equipment".

Legal No. 34759 3t July 29, Aug. 5, 12, 1988

SENDER: Complete items 1 and 2 when additional services are desired, and complete items 3 and 4.
 Put your address in the "RETURN TO" Space on the reverse side. Failure to do this will prevent this card from being returned to you. The return receipt fee will provide you the name of the person delivered to and the date of delivery. For additional fees the following services are available. Consult postmaster for fees and check box(es) for additional service(s) requested.

1. Show to whom delivered, date, and addressee's address. 2. Restricted Delivery
↑(Extra charge)↑ ↑(Extra charge)↑

3. Article Addressed to: Mr. Phillip P. Ulichney Reichhold Chemicals, Inc. Post Office Box 1433 Pensacola, FL 32596-1433	4. Article Number P 702 175 482 Type of Service: <input type="checkbox"/> Registered <input type="checkbox"/> Insured <input checked="" type="checkbox"/> Certified <input type="checkbox"/> COD <input type="checkbox"/> Express Mail
Always obtain signature of addressee or agent and DATE DELIVERED.	
5. Signature — Addressee <input checked="" type="checkbox"/>	8. Addressee's Address <i>Only if requested and fee paid</i> 
6. Signature — Agent <input checked="" type="checkbox"/>	
7. Date of Delivery	

PS Form 3811, Mar. 1987

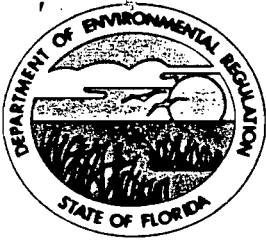
★ U.S.G.P.O. 1987-178-268

DOMESTIC RETURN RECEIPT

P 702 175 482
RECEIPT FOR CERTIFIED MAIL
 NO INSURANCE COVERAGE PROVIDED
 NOT FOR INTERNATIONAL MAIL
 (See Reverse)

Sent to Mr. Phillip P. Ulichney,	
Street and No. Reichhold Chemicals Post Office Box 1433	
P.O. State and ZIP Code Pensacola, FL 32596-1433	
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt showing to whom and Date Delivered	
Return Receipt showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	\$
Postmark or Date Mailed: 7-19-88 Permit: AC 17-149104	

PS Form 3800, June 1985



Florida Department of Environmental Regulation

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

Bob Martinez, Governor

Dale Twachtmann, Secretary

John Shearer, Assistant Secretary

July 18, 1988

CERTIFIED MAIL-RETURN RECEIPT REQUESTED

Mr. Philip P. Ulichney
Plant Manager
Reichhold Chemicals, Inc.
Post Office Box 1433
Pensacola, Florida 32596-1433

Dear Mr. Ulichney:

Attached is one copy of the Technical Evaluation and Preliminary Determination and proposed permit for Reichhold Chemicals, Inc., to install a new boiler at their Pensacola facility.

Please submit any written comments concerning the Department's proposed action to Mr. Bill Thomas of the Bureau of Air Quality Management.

Sincerely,

C. H. Fancy, P.E.
Deputy Chief
Bureau of Air Quality
Management

CHF/jr

Attachments

cc: J. Preece, NW District
D. B. Smith, Baskerville-Donovan

BEFORE THE STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION

In the Matter of
Application for Permit by:

Reichhold Chemicals, Inc.
P. O. Box 1433
Pensacola, Florida 32596-1433

DER File No. AC 17-149104

INTENT TO ISSUE

The Department of Environmental Regulation hereby gives notice of its intent to issue a permit (copy attached) for the proposed project as detailed in the application specified above. The Department is issuing this Intent to Issue for the reasons stated in the attached Technical Evaluation and Preliminary Determination.

The applicant, Reichhold Chemicals, Inc., applied on May 9, 1988, to the Department of Environmental Regulation for a permit to install a gas-fired boiler at their facility in Pensacola, Escambia County, Florida.

The Department has permitting jurisdiction under Chapter 403, Florida Statutes, and Florida Administrative Code Rules 17-2 and 17-4. The project is not exempt from permitting procedures. The Department has determined that an air construction permit was needed for the proposed work.

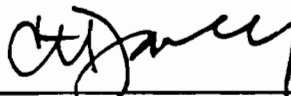
Pursuant to Section 403.815, F.S. and DER Rule 17-103.150, FAC, you (the applicant) are required to publish at your own expense the enclosed Notice of Proposed Agency Action on permit applications. The notice must be published one time only in a section of a major local newspaper of general circulation in the county in which the project is located and within thirty (30) days from receipt of this intent. Proof of publication must be provided to the Department within seven days of publication of the notice. Failure to publish the notice and provide proof of publication within the allotted time may result in the denial of the permit.

The Department will issue the permit with the attached conditions unless petition for an administrative proceeding (hearing) is filed pursuant to the provisions of Section 120.57, F.S. A person whose substantial interests are affected by the Department's proposed permitting decision may petition for an administrative proceeding (hearing) in accordance with Section 120.57, Florida Statutes. Petitions must comply with the requirement of Florida Administrative Code Rules 17-103.155 and 28-5.201 (copy enclosed) and be filed with (received by) the Office of General Counsel of the Department at 2600 Blair Stone

Road, Tallahassee, Florida 32399-2400. Petitions filed by the permit applicant must be filed within fourteen (14) days of receipt of this intent. Petitions filed by other persons must be filed within fourteen (14) days of publication of the public notice or within fourteen (14) days of receipt of this intent, whichever first occurs. Failure to file a petition within this time period shall constitute a waiver of any right such person may have to request an administrative determination (hearing) under Section 120.57, Florida Statutes, concerning the subject permit application. Petitions which are not filed in accordance with the above provisions will be dismissed.

Executed in Tallahassee, Florida.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL REGULATION



C. H. Fancy, P.E.
Deputy Chief
Bureau of Air Quality
Management

Copies furnished to:

Bill Stewart, NE District
D. B. Smith, Baskerville-Donovan

CERTIFICATE OF SERVICE

The undersigned duly designated deputy clerk hereby certifies that this NOTICE OF INTENT TO ISSUE and all copies were mailed before the close of business on 7-19-88.

FILING AND ACKNOWLEDGEMENT
FILED, on this date, pursuant to
§120.52(9), Florida Statutes, with
the designated Department Clerk,
receipt of which is hereby
acknowledged.

Matthew Jane Wise 7-19-88
Clerk Date

RULES OF THE ADMINISTRATIVE COMMISSION
MODEL RULES OF PROCEDURE
CHAPTER 28-5
DECISIONS DETERMINING SUBSTANTIAL INTERESTS

28-5.15 Requests for Formal and Informal Proceedings

- (1) Requests for proceedings shall be made by petition to the agency involved. Each petition shall be printed, typewritten or otherwise duplicated in legible form on white paper of standard legal size. Unless printed, the impression shall be on one side of the paper only and lines shall be double spaced and indented.
- (2) All petitions filed under these rules should contain:
 - (a) The name and address of each agency affected and each agency's file or identification number, if known;
 - (b) The name and address of the petitioner or petitioners;
 - (c) All disputed issues of material fact. If there are none, the petition must so indicate;
 - (d) A concise statement of the ultimate facts alleged, and the rules, regulations and constitutional provisions which entitle the petitioner to relief;
 - (e) A statement summarizing any informal action taken to resolve the issues, and the results of that action;
 - (f) A demand for the relief to which the petitioner deems himself entitled; and
 - (g) Such other information which the petitioner contends is material.

State of Florida
Department of Environmental Regulation
Notice of Intent

The Department of Environmental Regulation hereby gives notice of its intent to issue a permit to Reichhold Chemicals, Inc. to install a new 800 HP gas-fired boiler at the company's facility in Pensacola, Florida. A determination of best available control technology was required for the proposed project. The Department is issuing this Intent to Issue for the reasons stated in the Technical Evaluation and Preliminary Determination.

Persons whose substantial interests are affected by the Department's proposed permitting decision may petition for an administrative determination (hearing) in accordance with Section 120.57, Florida Statutes. The petition must conform to the requirements of Chapters 17-103 and 28-5, Florida Administrative Code, and must be filed (received) in the Department's Office of General Counsel, 2600 Blair Stone Road, Twin Towers Office Building, Tallahassee, Florida 32399-2400, within fourteen (14) days of publication of this notice. Failure to file a petition within this time period constitutes a waiver of any right such person has to request an administrative determination (hearing) under Section 120.57, Florida Statutes.

If a petition is filed, the administrative hearing process is designed to formulate agency action. Accordingly, the Department's final action may be different from the proposed agency action. Therefore, persons who may not wish to file a petition may wish to intervene in the proceeding. A petition for intervention must be filed pursuant to Rule 28-5.207, Florida Administrative Code, at least five (5) days before the final hearing and be filed with the hearing officer if one has been assigned at the Division of Administrative Hearings, Department of Administration, 2009 Apalachee Parkway, Tallahassee, Florida 32301. If no hearing officer has been assigned, the petition is to be filed with the Department's Office of General Counsel, 2600 Blair Stone Road, Tallahassee, Florida 32399-2400. Failure to petition to intervene within the allowed time frame constitutes a waiver of any right such person has to request a hearing under Section 120.57, Florida Statutes.

The application 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:

Dept. of Environmental Regulation
Bureau of Air Quality Management
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

Department of Environmental Regulation
Northwest District Office
160 Governmental Center
Pensacola, Florida 32501-5794

Any person may send written comments on the proposed action to Mr. Bill Thomas at the Department's Tallahassee address. All comments mailed within 14 days of the publication of this notice will be considered in the Department's final determination.

Technical Evaluation
and
Preliminary Determination

Reichhold Chemicals, Inc.
Pensacola, Escambia County, Florida

Installation of No. 12 Boiler
State Permit No. AC 17-149104

Florida Department of Environmental Regulation
Bureau of Air Quality Management
Central Air Permitting

July 11, 1988

I. Application

A. Reichhold Chemicals, Inc.
Post Office Box 1433
Pensacola, Florida 32596-1433

B. Request

The Department received an application on May 9, 1988, for a permit to install a new gas-fired 800 HP packaged boiler to increase steam production at the applicant's facility in Pensacola, Florida. The application was deemed complete on June 8, 1988.

C. Location/Classification

The applicant's chemical manufacturing facility (SIC Code 2821) is located at 407 South Pace Boulevard in Pensacola. Latitude and longitude are 30°24'30"N and 87°14'45"W, respectively. The UTM coordinates of the site are: Zone 17, 476.4 km E and 3,363.9 km N.

II. Project Description/Emissions

It is proposed to increase steam production by approximately 7,000 lbs/hr through installation of a new 800 HP gas-fired boiler (No. 12) which will split the steam load with the existing No. 11 boiler. Total steam production will be increased from 27,600 lbs/hr to 35,000 lbs/hr (17,500 lbs/hr each). The No. 12 boiler will provide backup capacity to 27,600 lbs/hr if No. 11 goes down. Emissions are tabulated below:

	Current Emissions from No. 11 @ 27,600 lbs/hr	Emissions from No. 11 and 12 @ 35,000 lbs/hr	Increase
NOx	4.76 lbs/hr (20.84 TPY)	6.04 lbs/hr (26.46 TPY)	1.28 lbs/hr (5.62 TPY)
SO ₂	.02 lb/hr (.09 TPY)	.03 lb/hr (.11 TPY)	.01 lb/hr (.02 TPY)
PM	.10 lb/hr (.44 TPY)	.13 lb/hr (.57 TPY)	.03 lb/hr (.13 TPY)

(Figures are approximate)

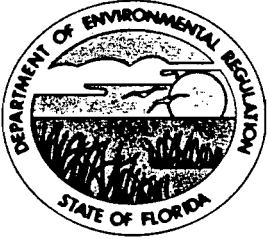
III. Rule Applicability

The construction permit application is subject to review under Chapter 403, Florida Statutes, and Florida Administrative Code (FAC) Rules 17-2 and 17-4. The facility is located in an

area classified as "attainment" for ozone and particulate matter and as "unclassifiable" for the pollutant sulfur dioxide. Applicable rules are FAC Rule 17-2.520, Sources Not Subject to Prevention of Significant Deterioration or Nonattainment Requirements, and FAC Rule 17-2.600(6), Fossil Fuel Steam Generators with less than 250 million Btu per hour heat input.

IV. Conclusion

The emission increases are below significant levels and the permit application should be approved.



Florida Department of Environmental Regulation

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

Bob Martinez, Governor

Dale Twachtmann, Secretary

John Shearer, Assistant Secretary

PERMITTEE:

Reichhold Chemicals, Inc.
P. O. Box 1433
Pensacola, Florida 32596-
1433

Permit Number: AC 17-149104
Expiration Date: December 31, 1989
County: Escambia
Latitude/Longitude: 30° 24' 30"N
87° 14' 45"W
Project: Gas-Fired Boiler

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Florida Administrative Code (FAC) Rules 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:

For the installation of a gas-fired boiler. This project will be located at the RCI facility in Pensacola, Escambia County, Florida. The UTM coordinates of this site are Zone 17, 476.4 km E and 3363.9 km N.

Construction shall be in accordance with the attached permit application, plans, documents, and drawings except as noted in the General and Specific Conditions of this permit.

Attachments:

1. Application to Construct Air Pollution Sources, DER Form 17-1.202(1) received May 9, 1988.

PERMITTEE:
Reichhold Chemicals, Inc.

Permit Number: AC 17-149104
Expiration Date: December 31, 1989

GENERAL CONDITIONS:

1. The terms, conditions, requirements, limitations, and restrictions set forth herein are "Permit Conditions" and as such are binding upon the permittee and enforceable pursuant to the authority of Sections 403.161, 403.727, or 403.859 through 403.861, Florida Statutes. The permittee is hereby placed on notice that the Department will review this permit periodically and may initiate enforcement action for any violation of the "Permit Conditions" by the permittee, its agents, employees, servants or representatives.

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. Nor 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 does not constitute 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, plant or aquatic life or property and penalties therefore caused by the construction or operation of this permitted source, 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:
Reichhold Chemicals, Inc.

Permit Number: AC 17-149104
Expiration Date: December 31, 1989

GENERAL CONDITIONS:

6. The permittee shall at all times 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, access to the premises, at reasonable times, where the permitted activity is located or conducted for the purpose of:

- a. Having access to and copying any records that must be kept under the conditions of the permit;
- b. Inspecting the facility, equipment, practices, or operations regulated or required under this permit; and
- c. Sampling or monitoring 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 notify and provide the Department with the following information:

- a. a description of and cause of non-compliance; and
- b. the period of noncompliance, including exact 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.

PERMITTEE:
Reichhold Chemicals, Inc.

Permit Number: AC 17-149104
Expiration Date: December 31, 1989

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 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 arising under the Florida Statutes or Department rules, except where such use is proscribed by Sections 403.73 and 403.111, Florida Statutes.

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 17-4.12 and 17-30.30, as applicable. The permittee shall be liable for any noncompliance of the permitted activity until the transfer is approved by the Department.

12. This permit is required to be kept at the work site of the permitted activity during the entire period of construction or operation.

13. This permit also constitutes:

- (x) Determination of Best Available Control Technology (BACT)
- () Determination of Prevention of Significant Deterioration (PSD)
- () Compliance with New Source Performance Standards

14. The permittee shall comply with the following monitoring and record keeping requirements:

- a. Upon request, the permittee shall furnish all records and plans required under Department rules. The retention period for all records will be extended automatically, unless otherwise stipulated by the Department, during the course of any unresolved enforcement action.

PERMITTEE:
Reichhold Chemicals, Inc.

Permit Number: AC 17-149104
Expiration Date: December 31, 1989

GENERAL CONDITIONS:

- b. The permittee shall retain 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), copies of all reports required by this permit, and records of all data used to complete the application for this permit. The time period of retention shall be 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 date(s) 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 submitted or corrected promptly.

SPECIFIC CONDITIONS:

1. The construction and operation of this source shall be in accordance with the capacities and specifications stated in the application.

2. Visible emissions shall not be greater than 20% opacity in accordance with FAC Rule 17-2.600(6)(a), and compliance shall be demonstrated at 90-100% of maximum permitted capacity using DER Method 9, in accordance with FAC Rule 17-2.700.

PERMITTEE:
Reichhold Chemicals, Inc.

Permit Number: AC 17-149104
Expiration Date: December 31, 1989

SPECIFIC CONDITIONS:

3. The new boiler shall be fired only by natural gas and at a maximum rate of 34 MMBtu/hr for up to 400 hours per year and at a maximum rate of 21.6 MMBtu/hr for the remainder of the annual production period.

4. The compliance test shall be conducted within 30 days after the boiler is placed in operation and the results reported to the Department's Northwest District Office within 45 days of testing. A DER Form 17-1.202(3), certificate of completion of construction, shall be submitted therewith. The Department's Northwest District Office shall be notified at least 15 days prior to the compliance test and at least 5 days prior to the boiler being placed in operation.

5. An application for a permit to operate this equipment shall be submitted to the Department's Northwest District Office at least 60 days prior to the expiration date of this permit or within 45 days of testing, whichever occurs first.

Issued this _____ day of _____,
1988.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL REGULATION

Dale Twachtman, Secretary

Best Available Control Technology (BACT) Determination
Reichhold Chemicals, Inc.
Escambia County

The applicant plans to install a new 800 HP gas-fired boiler at their facility in Pensacola, Florida. The boiler will fire only natural gas at a maximum rate of 34 MMBtu/hr for up to 400 hours per year and at a maximum rate of 21.6 MMBtu/hr for the remainder of the annual operating period.

This BACT determination is required for the source as set forth in the Florida Administrative Code Rule 17-2.600(6) - Emission Limiting and Performance Standards.

BACT Determination Request by the Applicant:

The applicant was not aware of the requirement of BACT determinations for particulate and sulfur dioxide emissions. The Department elected to process the application and to disregard this deficiency in the application.

BACT Determination by DER:

The amount of particulate and sulfur dioxide emissions from the boiler will be limited by the firing of natural gas.

Details of the Analysis May be Obtained by Contacting:

Barry Andrews, P.E., BACT Coordinator
Department of Environmental Regulation
Bureau of Air Quality Management
2600 Blirstone Road
Tallahassee, Florida 32399-2400

Reichhold Chemicals, Inc.
Page Two

Recommended by:

C. H. Fancy, P.E., Deputy Bureau Chief, BAQM

Date 1988

Approved by:

Dale Twachtmann, Secretary

Date 1988

ATTACHMENT 1

Available Upon Request.



BASKERVILLE-DONOVAN ENGINEERS, INC.

A PROFESSIONAL SERVICE ORGANIZATION

• PENSACOLA • TALLAHASSEE •
MILTON • DESTIN • PANAMA CITY • APALACHICOLA • DAYTONA BEACH

April 27, 1988

Mr. Ed Middleswart
Department of Environmental Regulation
160 Governmental Center
Pensacola, FL 32501

RE: Application to Construct New Steam Boiler

Dear Mr. Middleswart,

Attached are three sealed copies of DER form 17-1.202(1), for the construction of a new Steam Boiler at Reichhold Chemicals Incorporated in Escambia County, Florida. The natural gas fired boiler emissions comply with Florida's applicable standards and therefore, I have signed and sealed the documents.

Please review the information and provide us with your findings at your earliest convenience. Should you have any questions or require further information, please feel free to call on me.

Very truly yours,

BASKERVILLE-DONOVAN ENGINEERS, INC.

Daniel B. Smith, P.E.
Manager, Industrial Department

DBS/tdp

Attachments

C: Michael Long, Reichhold Chemicals

RECEIVED
MAY 09 1988
Northwest Florida
DER

APPLICATION TRACKING SYSTEM

05/09/88

APPL NO: 149104

APPL RECVD: 05/09/88 TYPE CODE: AC SUBCODE: 05 *BAQ* LAST UPDATE: 05/09/83

DER OFFICE RECVD: PEN DER OFFICE TRANSFER TO: *ACT* APPLICATION COMPLETE: *1/1/1*

DER PROCESSOR: ~~PREECE, JACK~~ *THOMAS, Bill*

APPL STATUS: AC DATE: 05/09/83 (ACTIVE/DENIED/WITHDRAWN/EXEMPT/ISSUED/GENERAL)

RELIEF: *---* (SSAC/EXEMPTIONS/VARIANCE)

(Y/N) N MANUAL TRACKING DISTRICT: 10 COUNTY: 17
(Y/N) N DNR REVIEW REQD? LAT/LONG: 30.24.30/87.14.45
(Y/N) N PUBLIC NOTICE REQD? BASIN-SEGMENT: *---*
(Y/N) N GOV BODY LOCAL APPROVAL REQD? CODE #: *---*
(Y/N) Y LETTER OF INTENT REQD? (I/ISSUE D/DENY) ALT#: *---*

PROJECT SOURCE NAME: REICHHOLD CHEMICALS, INC.

STREET: 407 S. PACE BOULEVARD CITY: PENSACOLA
STATE: FL ZIP: 32596 PHONE: 904-433-7621

APPLICATION NAME: REICHHOLD CHEMICALS, INC.

STREET: 407 S. PACE BOULEVARD CITY: PENSACOLA
STATE: FL ZIP: 32596 PHONE: 904-433-7621

AGENT NAME: SMITH, DANIEL B.

STREET: 316 S. BAYLEN STREET CITY: PENSACOLA
STATE: FL ZIP: 32501 PHONE: 904-433-9661

FEE #1 DATE PAID: 05/09/88 AMOUNT PAID: 00100 RECEIPT NUMBER: 00122144

B	DATE APPLICANT INFORMED OF NEED FOR PUBLIC NOTICE	- - -	- - -	- - -	- - -	- - -
C	DATE DER SENT DNR APPLICATION/SENT DNR INTENT	- - -	- - -	- - -	- - -	- - -
D	DATE DER REQ. COMMENTS FROM GOV. BODY FOR LOCAL APP.	- - -	- - -	- - -	- - -	- - -
E	DATE #1 ADDITIONAL INFO REQ--REC FROM APPLICANT	- - -	- - -	- - -	- - -	- - -
E	DATE #2 ADDITIONAL INFO REQ--REC FROM APPLICANT	- - -	- - -	- - -	- - -	- - -
E	DATE #3 ADDITIONAL INFO REQ--REC FROM APPLICANT	- - -	- - -	- - -	- - -	- - -
E	DATE #4 ADDITIONAL INFO REQ--REC FROM APPLICANT	- - -	- - -	- - -	- - -	- - -
E	DATE #5 ADDITIONAL INFO REQ--REC FROM APPLICANT	- - -	- - -	- - -	- - -	- - -
E	DATE #6 ADDITIONAL INFO REQ--REC FROM APPLICANT	- - -	- - -	- - -	- - -	- - -
F	DATE GOVERNING BODY REQUESTED SURVEY RESULTS/REPORTS	- - -	- - -	- - -	- - -	- - -
G	DATE FIELD REPORT WAS REQ--REC	- - -	- - -	- - -	- - -	- - -
H	DATE DNR REVIEW WAS COMPLETED	- - -	- - -	- - -	- - -	- - -

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION

No 122144

RECEIPT FOR APPLICATION FEES AND MISCELLANEOUS REVENUE

Received from Reichhold Chemicals Date 5-9-88

Address 407 S. Pace Blvd. Dollars 100.00

Applicant Name & Address Pensacola, FL 32596

Source of Revenue Air Construct MAY 16 1988

Revenue Code 001031 Application Number AC17-149104 DER-BAQM

By Melinda K. Crosby

RECEIVED

DEPARTMENT OF ENVIRONMENTAL REGULATION

ROUTING AND TRANSMITTAL SLIP

ACTION NO

ACTION DUE DATE

1. TO: (NAME, OFFICE, LOCATION)

BILL THOMAS Rm 306

Initial

Date

2.

BAQM

Initial

Date

3.

DER, TALLAHASSEE

Initial

Date

4.

Initial

Date

REMARKS:

TRANSFER

RECEIVED

MAY 16 1988

DER - BAQM

INFORMATION

Review & Return

Review & File

Initial & Forward

DISPOSITION

Review & Respond

Prepare Response

For My Signature

For Your Signature

Let's Discuss

Set Up Meeting

Investigate & Report

Initial & Forward

Distribute

Concurrence

For Processing

Initial & Return

FROM:

J. Press

DATE

MAY 13, 1988

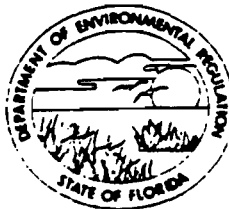
PHONE

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION

RECEIVED

NORTHWEST DISTRICT

160 GOVERNMENTAL CENTER
PENSACOLA, FLORIDA 32501



MAY 09 1988

Northwest Florida
DER

BOB GRAHAM
GOVERNOR

VICTORIA J. TSCHINKEL
SECRETARY

ROBERT V. KRIEGLER
DISTRICT MANAGER

APPLICATION TO OPERATE/CONSTRUCT AIR POLLUTION SOURCES

SOURCE TYPE: Steam Boiler New¹ Existing¹

APPLICATION TYPE: Construction Operation Modification

COMPANY NAME: Reichhold Chemicals, Inc. COUNTY: Escambia

Identify the specific emission point source(s) addressed in this application (i.e. Lime
Kiln No. 4 with Venturi Scrubber; Peaking Unit No. 2, Gas Fired) Boiler No. 12 Gas Fired

SOURCE LOCATION: Street 407 South Pace Boulevard City Pensacola

UTM: East 476.4 North 3363.9

Latitude 30 ° 24 ' 30 "N Longitude 87 ° 14 ' 45 "W

APPLICANT NAME AND TITLE: _____

APPLICANT ADDRESS: P.O. Box 1433, Pensacola, FL 32596-1433

SECTION I: STATEMENTS BY APPLICANT AND ENGINEER

A. APPLICANT

I am the undersigned owner or authorized representative* of Reichhold Chemicals, Inc.

I certify that the statements made in this application for a construction permit are true, correct and complete to the best of my knowledge and belief. Further I agree to maintain and operate the pollution control source and pollution control facilities in such a manner as to comply with the provision of Chapter 403, Florida Statutes, and all the rules and regulations of the department and revisions thereof. I also understand that a permit, if granted by the department, will be non-transferable and I will promptly notify the department upon sale or legal transfer of the permitted establishment.

*Attach letter of authorization

Signed: *Philip P. Ulichney*

Philip P. Ulichney, Plant Manager
Name and Title (Please Type)

Date: 4/21/88 Telephone No. 904-433-7621

B. PROFESSIONAL ENGINEER REGISTERED IN FLORIDA (where required by Chapter 471, F.S.)

This is to certify that the engineering features of this pollution control project have been designed/examined by me and found to be in conformity with modern engineering principles applicable to the treatment and disposal of pollutants characterized in the permit application. There is reasonable assurance, in my professional judgment, that

¹ See Florida Administrative Code Rule 17-2.100(57) and (104)

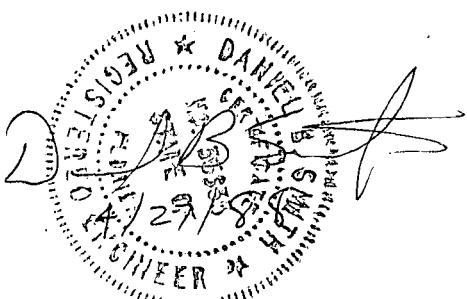
the pollution control facilities, when properly maintained and operated, will discharge an effluent that complies with all applicable statutes of the State of Florida and the rules and regulations of the department. It is also agreed that the undersigned will furnish, if authorized by the owner, the applicant a set of instructions for the proper maintenance and operation of the pollution control facilities and, if applicable, pollution sources.

Signed D. B. Smith

Daniel B. Smith, P.E.
Name (Please Type)

Baskerville-Donovan Engineers, Inc.

316 S. Baylen Street
Pensacola, FL 32501
Mailing Address (Please Type)



Florida Registration No. 35633 Date: 4-27-83 Telephone No. (904)438-9661

SECTION II: GENERAL PROJECT INFORMATION

A. Describe the nature and extent of the project. Refer to pollution control equipment, and expected improvements in source performance as a result of installation. State whether the project will result in full compliance. Attach additional sheet if necessary.

See Attached.

B. Schedule of project covered in this application (Construction Permit Application Only)

Start of Construction July 88 Completion of Construction July 89

C. Costs of pollution control system(s): (Note: Show breakdown of estimated costs only for individual components/units of the project serving pollution control purposes. Information on actual costs shall be furnished with the application for operation permit.)

Not Applicable.

D. Indicate any previous DER permits, orders and notices associated with the emission point, including permit issuance and expiration dates.

Permit No. A017-132226 Boiler No. 11, issued 4/21/87; expiration 4/1/92

E. Requested permitted equipment operating time: hrs/day 24 ; days/wk 7 ; wks/yr 52 ;
if power plant, hrs/yr _____ ; if seasonal, describe: _____

F. If this is a new source or major modification, answer the following questions.
(Yes or No)

1. Is this source in a non-attainment area for a particular pollutant? No
a. If yes, has "offset" been applied? _____
b. If yes, has "Lowest Achievable Emission Rate" been applied? _____
c. If yes, list non-attainment pollutants. _____

2. Does best available control technology (BACT) apply to this source?
If yes, see Section VI. No

3. Does the State "Prevention of Significant Deterioration" (PSD)
requirement apply to this source? If yes, see Sections VI and VII. No

4. Do "Standards of Performance for New Stationary Sources" (NSPS)
apply to this source? No

5. Do "National Emission Standards for Hazardous Air Pollutants"
(NESHAP) apply to this source? No

H. Do "Reasonably Available Control Technology" (RACT) requirements apply
to this source? No

a. If yes, for what pollutants? _____

b. If yes, in addition to the information required in this form,
any information requested in Rule 17-2.650 must be submitted.

Attach all supportive information related to any answer of "Yes". Attach any justifi-
cation for any answer of "No" that might be considered questionable.

SECTION III: AIR POLLUTION SOURCES & CONTROL DEVICES (Other than Incinerators)

A. Raw Materials and Chemicals Used in your Process, if applicable:

Description	Contaminants		Utilization Rate - lbs/hr	Relate to Flow Diagram
	Type	% Wt		
N/A				

B. Process Rate, if applicable: (See Section V, Item 1)

1. Total Process Input Rate (lbs/hr): N/A

2. Product Weight (lbs/hr): N/A

C. Airborne Contaminants Emitted: (Information in this table must be submitted for each emission point, use additional sheets as necessary)

Name of Contaminant	Emission ¹		Allowed Emission Rate per Rule 17-2 ⁴	Allowable Emission lbs/hr ³	Potential ⁴ Emission		Relate to Flow Diagram
	Maximum lbs/hr	Actual T/yr			lbs/yr	T/yr	
No _x	4.76	13.21	-	Visible	41,580	20.79	SKA 2101
SO ₂	0.0204	0.06	-	Emissions	176	.09	
Particulate	0.102	0.28	10.5@/M BTU	30%	900	.45	
	used natural gas		Per 17-2.600				
	emissions standards from EPA-AP42		(10)(b) 2b	(10)(b) 2a			

¹See Section V, Item 2.

²Reference applicable emission standards and units (e.g. Rule 17-2.600(5)(b)2. Table II, E. (1) - 0.1 pounds per million BTU heat input)

³Calculated from operating rate and applicable standard.

⁴Emission, if source operated without control (See Section V, Item 3).

D. Control Devices: (See Section V, Item 4)

Name and Type (Model & Serial No.)	Contaminant	Efficiency	Range of Particles Size Collected (in microns) (If applicable)	Basis for Efficiency (Section V Item 5)
None				

E. Fuels

Type (Be Specific)	Consumption*		Maximum Heat Input (MMBTU/hr)
	avg/hr	max./hr	
Natural Gas	.0216	0.034	0.034

*Units: Natural Gas--MMCF/hr; Fuel Oils--gallons/hr; Coal, wood, refuse, other--lbs/hr.

Fuel Analysis:

Percent Sulfur: _____ Percent Ash: _____

Density: _____ lbs/gal Typical Percent Nitrogen: _____

Heat Capacity: _____ BTU/lb _____ BTU/gal

Other Fuel Contaminants (which may cause air pollution): _____

F. If applicable, indicate the percent of fuel used for space heating.

Annual Average _____ Maximum _____

G. Indicate liquid or solid wastes generated and method of disposal.

H. Emission Stack Geometry and Flow Characteristics (Provide data for each stack):

Stack Height: 25 ft. Stack Diameter: 2.1 ft.
 Gas Flow Rate: 10733 ACFM 6605 DSCFM Gas Exit Temperature: 285 °F.
 Water Vapor Content: 12 % Velocity: 47.7 FPS

SECTION IV: INCINERATOR INFORMATION

Not Applicable

Type of Waste	Type 0 (Plastics)	Type I (Rubbish)	Type II (Refuse)	Type III (Garbage)	Type IV (Pathological)	Type V (Liq. & Gas By-prod.)	Type VI (Solid By-prod.)
Actual lb/hr Incinerated							
Uncontrolled (lbs/hr)							

Description of Waste _____

Total Weight Incinerated (lbs/hr) _____ Design Capacity (lbs/hr) _____

Approximate Number of Hours of Operation per day _____ day/wk _____ wks/yr. _____

Manufacturer _____

Date Constructed _____ Model No. _____

	Volume (ft) ³	Heat Release (BTU/hr)	Fuel		Temperature (°F)
			Type	BTU/hr	
Primary Chamber					
Secondary Chamber					

Stack Height: _____ ft. Stack Diameter: _____ Stack Temp. _____

Gas Flow Rate: _____ ACFM _____ DSCFM* Velocity: _____ FPS

*If 50 or more tons per day design capacity, submit the emissions rate in grains per standard cubic foot dry gas corrected to 50% excess air.

Type of pollution control device: Cyclone Wet Scrubber Afterburner

Other (specify) _____

Brief description of operating characteristics of control devices: _____

N/A

Ultimate disposal of any effluent other than that emitted from the stack (scrubber water, ash, etc.):

N/A

NOTE: Items 2, 3, 4, 6, 7, 8, and 10 in Section V must be included where applicable.

SECTION V: SUPPLEMENTAL REQUIREMENTS

Please provide the following supplements where required for this application.

1. Total process input rate and product weight -- show derivation [Rule 17-2.100(127)]
2. To a construction application, attach basis of emission estimate (e.g., design calculations, design drawings, pertinent manufacturer's test data, etc.) and attach proposed methods (e.g., FR Part 60 Methods 1, 2, 3, 4, 5) to show proof of compliance with applicable standards. To an operation application, attach test results or methods used to show proof of compliance. Information provided when applying for an operation permit from a construction permit shall be indicative of the time at which the test was made.
3. Attach basis of potential discharge (e.g., emission factor, that is, AP42 test).
4. With construction permit application, include design details for all air pollution control systems (e.g., for baghouse include cloth to air ratio; for scrubber include cross-section sketch, design pressure drop, etc.)
5. With construction permit application, attach derivation of control device(s) efficiency. Include test or design data. Items 2, 3 and 5 should be consistent: actual emissions = potential (1-efficiency).
6. An 8 1/2" x 11" flow diagram which will, without revealing trade secrets, identify the individual operations and/or processes. Indicate where raw materials enter, where solid and liquid waste exit, where gaseous emissions and/or airborne particles are evolved and where finished products are obtained.
7. An 8 1/2" x 11" plot plan showing the location of the establishment, and points of airborne emissions, in relation to the surrounding area, residences and other permanent structures and roadways (Example: Copy of relevant portion of USGS topographic map).
8. An 8 1/2" x 11" plot plan of facility showing the location of manufacturing processes and outlets for airborne emissions. Relate all flows to the flow diagram.

9. The appropriate application fee in accordance with Rule 17-4.05. The check should be made payable to the Department of Environmental Regulation.
10. With an application for operation permit, attach a Certificate of Completion of Construction indicating that the source was constructed as shown in the construction permit.

Not Applicable **SECTION VI: BEST AVAILABLE CONTROL TECHNOLOGY**

A. Are standards of performance for new stationary sources pursuant to 40 C.F.R. Part 60 applicable to the source?

Yes No

Contaminant	Rate or Concentration

B. Has EPA declared the best available control technology for this class of sources (if yes, attach copy)

Yes No

Contaminant	Rate or Concentration

C. What emission levels do you propose as best available control technology?

Contaminant	Rate or Concentration

D. Describe the existing control and treatment technology (if any).

- | | |
|---------------------------|--------------------------|
| 1. Control Device/System: | 2. Operating Principles: |
| 3. Efficiency:* | 4. Capital Costs: |

*Explain method of determining

5. Useful Life:

6. Operating Costs:

7. Energy:

8. Maintenance Cost:

9. Emissions:

Contaminant	Rate or Concentration
N/A	

10. Stack Parameters

- a. Height: ft. b. Diameter: ft.
- c. Flow Rate: ACFM d. Temperature: °F.
- e. Velocity: FPS

E. Describe the control and treatment technology available (As many types as applicable, use additional pages if necessary).

1.

- a. Control Device: b. Operating Principles:
- c. Efficiency:¹ d. Capital Cost:
- e. Useful Life: f. Operating Cost:
- g. Energy:² h. Maintenance Cost:
- i. Availability of construction materials and process chemicals:
- j. Applicability to manufacturing processes:
- k. Ability to construct with control device, install in available space, and operate within proposed levels:

2.

- a. Control Device: b. Operating Principles:
- c. Efficiency:¹ d. Capital Cost:
- e. Useful Life: f. Operating Cost:
- g. Energy:² h. Maintenance Cost:
- i. Availability of construction materials and process chemicals:

¹Explain method of determining efficiency.

²Energy to be reported in units of electrical power - KWH design rate.

- j. Applicability to manufacturing processes: N/A
- k. Ability to construct with control device, install in available space, and operate within proposed levels:

3.

- a. Control Device:
- b. Operating Principles:
- c. Efficiency:¹
- d. Capital Cost:
- e. Useful Life:
- f. Operating Cost:
- g. Energy:²
- h. Maintenance Cost:
- i. Availability of construction materials and process chemicals:
- j. Applicability to manufacturing processes:
- k. Ability to construct with control device, install in available space, and operate within proposed levels:

4.

- a. Control Device:
- b. Operating Principles:
- c. Efficiency:¹
- d. Capital Costs:
- e. Useful Life:
- f. Operating Cost:
- g. Energy:²
- h. Maintenance Cost:
- i. Availability of construction materials and process chemicals:
- j. Applicability to manufacturing processes:
- k. Ability to construct with control device, install in available space, and operate within proposed levels:

F. Describe the control technology selected:

- 1. Control Device:
- 2. Efficiency:¹
- 3. Capital Cost:
- 4. Useful Life:
- 5. Operating Cost:
- 6. Energy:²
- 7. Maintenance Cost:
- 8. Manufacturer:
- 9. Other locations where employed on similar processes:
- a. (1) Company:
- (2) Mail Address:
- (3) City:
- (4) State:

¹Explain method of determining efficiency.

²Energy to be reported in units of electrical power - KWH design rate.

(5) Environmental Manager:

(6) Telephone No.:

(7) Emissions:¹

Contaminant	Rate or Concentration

(8) Process Rate:¹

b. (1) Company:

(2) Mailing Address:

(3) City:

(4) State:

(5) Environmental Manager:

(6) Telephone No.:

(7) Emissions:¹

Contaminant	Rate or Concentration

(8) Process Rate:¹

10. Reason for selection and description of systems:

¹Applicant must provide this information when available. Should this information not be available, applicant must state the reason(s) why.

Not Applicable SECTION VII - PREVENTION OF SIGNIFICANT DETERIORATION

A. Company Monitored Data

1. _____ no. sites _____ TSP _____ () SO₂* _____ Wind spd/dir:

Period of Monitoring _____ / _____ / _____ to _____ / _____ / _____
month day year month day year

Other data recorded _____

Attach all data or statistical summaries to this application.

*Specify bubbler (B) or continuous (C).

2. Instrumentation, Field and Laboratory

a. Was instrumentation EPA referenced or its equivalent? [] Yes [] No

b. Was instrumentation calibrated in accordance with Department procedures?
[] Yes [] No [] Unknown

B. Meteorological Data Used for Air Quality Modeling

1. _____ Year(s) of data from _____ / _____ / _____ to _____ / _____ / _____
month day year month day year

2. Surface data obtained from (location) _____

3. Upper air (mixing height) data obtained from (location) _____

4. Stability wind rose (STAR) data obtained from (location) _____

C. Computer Models Used

- 1. _____ Modified? If yes, attach description.
- 2. _____ Modified? If yes, attach description.
- 3. _____ Modified? If yes, attach description.
- 4. _____ Modified? If yes, attach description.

Attach copies of all final model runs showing input data, receptor locations, and principle output tables.

D. Applicants Maximum Allowable Emission Data

Pollutant	Emission Rate
TSP	_____ grams/sec
SO ²	_____ grams/sec

E. Emission Data Used in Modeling

Attach list of emission sources. Emission data required is source name, description of point source (on NEDS point number), UTM coordinates, stack data, allowable emissions, and normal operating time.

F. Attach all other information supportive to the PSD review.

G. Discuss the social and economic impact of the selected technology versus other applicable technologies (i.e., jobs, payroll, production, taxes, energy, etc.). Include assessment of the environmental impact of the sources.

H. Attach scientific, engineering, and technical material, reports, publications, journals, and other competent relevant information describing the theory and application of the requested best available control technology.

APPLICATION TO CONSTRUCT
SECTION II: GENERAL PROJECT INFORMATION

ITEM A:

Install new natural gas-fired 800 Hp package steam boiler along side existing boiler No. 11. Existing building to be expanded to house new boiler. New boiler will run in parallel with boiler No. 11 to produce an average steam output of 35,000 #/hr. The new boiler is being installed to provide an average of 7,000 #/hr increase in steam production. This boiler will also provide back-up capacity incase boiler No.11 should fail. When the new boiler is installed normal operation will be both boilers operating and splitting the plants steam load.

BOILER OPERATION

PERMIT #	BOILER NO.	STEAM		MAX. EMISSION			ACT. EMISSION		
		DESIGN #/hr	GENERATED #/hr	NOx #/hr	SO2 #/hr	PART. #/hr	NOx #/hr	SO2 #/hr	PART. #/hr
A017-81424	11	27,600	17,500	4.76	0.0204	0.102	3.02	0.013	0.064
APPLYING	12	27,600	17,500	4.76	0.0204	0.102	3.02	0.013	0.065
Total Maximum Emission				9.52	0.0408	0.204			
Total Actual Emission							6.04	0.026	0.129

BASIS OF EMISSION CALCULATION:

The calculated emissions were determined using standard factors from EPA-AP42:

NOx = 140#/mmcf of natural gas consumed.

SO2 = 0.6#/mmcf of natural gas consumed.

Particulate = 1-5#/mmcf of natural gas consumed.

(a value of 3#/mmcf was used for particulate calculations.)

APPLICATION TO CONSTRUCT
SECTION V: SUPPLEMENT REQUIRMENTS

Items 2 & 3 --"BASIS OF EMISSION - ESTIMATE & POTENTIAL EMISSIONS DETERMINATION"

Standard factors for NOx, SO2, and Particulate for natural gas as defined in AP42 were used to calculate emissions

TABLE I: NEW BOILER EMISSIONS

EMISSION TYPE	RATE #/mmcf	*GAS CONSUMED mmcf/hr MAX	EMISSION RATE #/hr MAX	GAS CONSUMED mmcf/hr ACT	EMISSION RATE T/yr ACT
A	B	C	D	E	F
NOx	140	0.034	4.76	0.0216	13.21
SO2	0.6	0.034	0.0204	0.0216	0.06
Part.	3	0.034	0.102	0.0216	0.28

*Data obtained from boiler manufacture

EQUATIONS FOR TABLE I

$$D = B \times C$$

$$F = B \times E \times 8763 (\text{hr/yr}) / 2000 (\text{\#/TON})$$

ITEMS 4 & 5 - "DESIGN DETAILS OF AIR CONTROL EQUIPMENT"

New package boiler has been selected on basis of maximum efficiency available. Unit is equipped with a stack economizer that will recover heat from stack emissions by preheating feedwater.

ITEMS 6, 7 & 8

See attached sketches and section from USGS Pensacola quadrangle.

ITEM 9

A check for \$100 made out to the State of Florida Department of Environmental Regulation is attached with this construction permit application. Please send a receipt for this application fee to Reichhold Chemicals, Inc., P. O. Box 1433, Pensacola, Florida 32596-1433, Attention M. G. Long

ITEM 10

Not Applicable.

AIR EMISSION INVENTORY

<u>Permit No.</u>	<u>Process</u>	<u>Pollutant</u>	<u>TPY Actual</u>	<u>TPY Potential</u>
A017-132226	Industrial Steam Boiler No. 11	Particulates	.33	.44
		NOx	15.35	20.5
		SO2	.066	.44
A017-93688	Dowtherm Heater #1 3 Million BTU/Hr Max Input Natural Gas Only	Particulates	.044	.043
		NOx	.375	.406
		HC	.100	.108
		SO2	.001	.0011
A017-93689	Dowtherm Heater #2 3 Million BTU/Hr Max Input Natural Gas Only	Particulates	.037	.040
		NOx	.312	.338
		HC	.033	.09
		SO2	.001	.0011
A017-93690	Reactor #7 Furnace 6 Million BTU/Hr Natural Gas Only	Particulates	.055	.220
		NOx	.363	.45
		HC	.122	.408
		SO2	.002	.008
A017-81422	Resin Flaking & Bagging Building #65	Particulates Resin Dust	0.42	14.2
A017-73934	Resin Flaking & Bagging Building #56	Particulates Resin Dust	0.88	13.7
A017-73937	Resin Crushing & Bagging Building #91	Particulates Resin Dust	.052	5.2
A017-60662	Flaker Baghouse - South Plant Flaking & Crushing	Particulates Resin Dust	.36	36

Air Emission Inventory (continued)

<u>Permit No.</u>	<u>Process</u>	<u>Pollutant</u>	<u>Emissions</u>			
			<u>Actual</u>	<u>Potential</u>		
A017-81420	Polyterpene Resin Process	Hydrocarbons	86.9 TPY	96.6 TPY		
	<u>Hydrocarbon</u> <u>Generic Name</u>	Dimer Mixed Aromatic/ Aliphatic HC	Toluene Aromatic HC	VM&P Naphtha Aliphatic HC	Limonene Monocyclic Terpene HC	Alpha & Beta Pinene Bicyclic Terpene HC
	<u>Vapor Pressure</u>	<0.003mm @ 100°F	22mm Hg @ 68°F	15mm Hg @ 100°F	3.5 mm Hg @ 100°F	9mm Hg @ 100°F
A017-73935	Zinc Resinate Process	Hydrocarbons	19.8 TPY	52.65 TPY		
	<u>Hydrocarbon</u> <u>Generic Name</u>	- Mineral Spirits - Aliphatic HC	Rosin Oil Disproportionated Wood Rosin			
	<u>Vapor Pressure</u>	- 1.4mm Hg @ 70°F	.003mm Hg @ 100°F			
A017-73935	Organic Coatings Process	Hydrocarbons	8.75 TPY	50.5 TPY		
	<u>Hydrocarbon</u> <u>Generic Name</u>	- VM&P Aliphatic HC	Mineral Spirits Aliphatic HC	Vinyl Toluene Aromatic HC		
	<u>Vapor Pressure</u>	- 15mm Hg @ 100°F	1.4mm Hg @ 20°F	1.1 mm Hg @ 68°F		
A017-73933	**Terpene-Phenol Resin Process	Hydrocarbons	67.8 TPY	72.0 TPY		
	<u>Hydrocarbon</u> <u>Generic Name</u>	- Alpha Pinene - Terpene HC	Toluene Aromatic HC	VM&P Naphtha Aliphatic HC	Phenol Aromatic HC	Dimer Mixed Aro/Aliphatic HC
	<u>Vapor Pressure</u>	- 9 mmHg @ 100°F	22 mmHg @ 68°F	15mm Hg @ 100°F	0.1mm Hg @ 68°F	<0.05mm Hg @ 100°F
A017-81421	* Paramenthane Hydroperoxide Process	Hydrocarbons	*0 TPY	39.8 TPY		
	<u>Hydrocarbon</u> <u>Generic Name</u>	- Paramenthane - Terpene HC				
	<u>Vapor Pressure</u>	- 7 mm Hg @ 100°F				

Air Emission Inventory (continued)

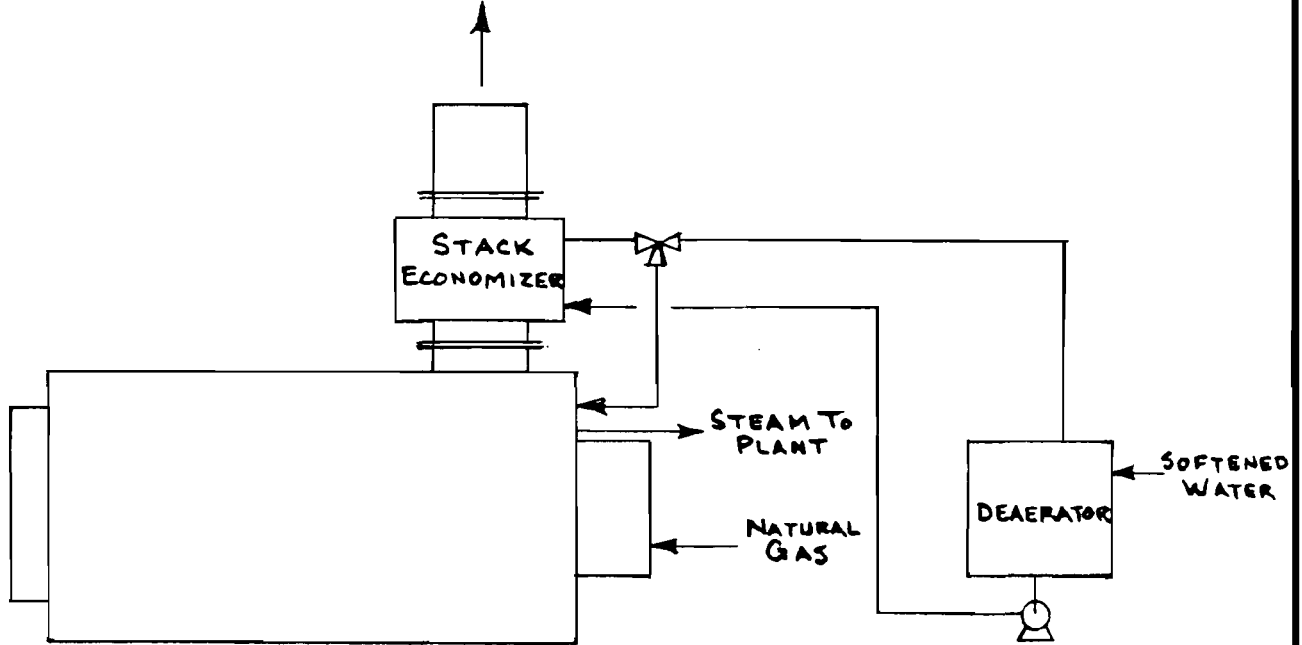
<u>Permit No.</u>	<u>Process</u>	<u>Pollutant</u>	<u>TPY Actual</u>	<u>TPY Potential</u>
A017-93677	South Plant Main Process Scrubber	Odors	Not Quantified in Permit	
A017-93686	R-1 Reactor Scrubber	Odors	Not Quantified in Permit	
A017-93687	R-2 Reactor Scrubber	Odors	Not Quantified in Permit	
A017-93683	* Flaker System Hood	Heat & Traces of Hydrocarbons (Resin Oils)	*0	

* These units for standby only.

**Existing operation to be replaced by proposed new facility.

MAX. EMISSION:
 NO_x = 20.79 T/YR
 SO₂ = 0.09 T/YR
 PARTICULATE = 0.45 T/YR

VENT 137-2
 285°F



APPLICATION TO CONSTRUCT
 SECTION V ITEM NO. 6



REICHOLD CHEMICALS, INC.
 Resins & Binders Division
 Pensacola, Florida

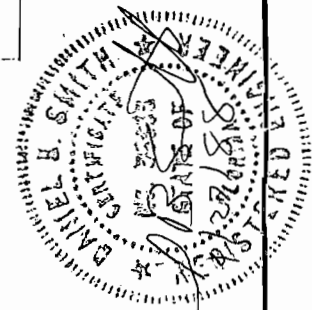
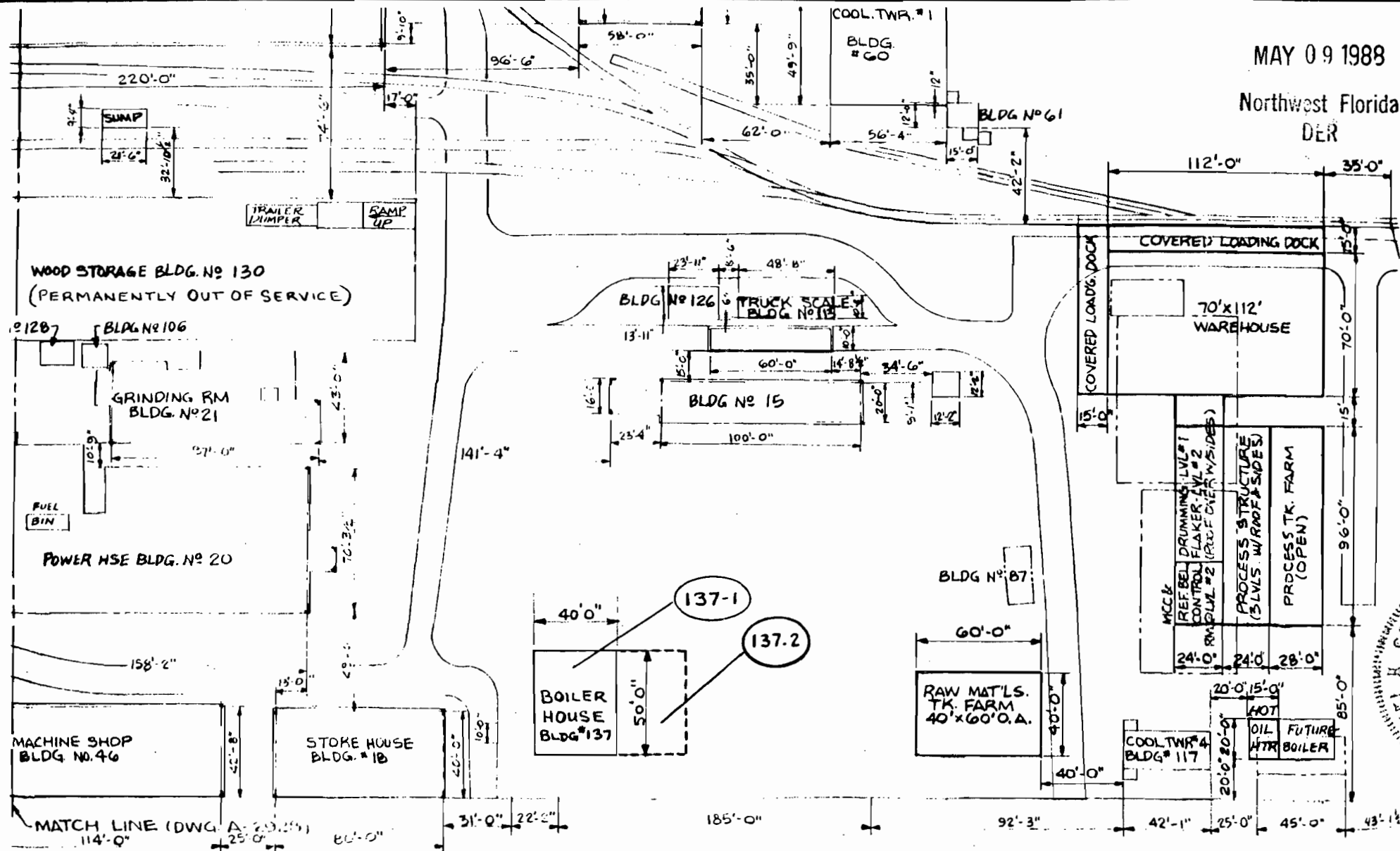
NEW 800 HP. BOILER FACILITY #12

3								
2								
1								
NO.	DATE	REVISIONS	DR.	ENG.	APP.	DATE 4/21/88	SCALE -	SKA-2101

DR. *P. Langford* ENG. *M. Long* APPD

MAY 09 1988

Northwest Florida
DER



APPLICATION TO CONSTRUCT
SECTION V: ITEM 8

NOTICE

These papers contain confidential matters which are the exclusive property of Reichhold-Chemicals, Inc. No extracts therefrom or any use or disclosure thereof may be made except upon proper authorization and for the sole benefit of the Corporation.

RCI REICHOLD CHEMICALS, INC.

PLOT PLAN - BLDG. No. 137
BOILER HOUSE

3									
2									
1									
NO.	DATE	REVISIONS	DR.	ENG.	APP.	DATE 4/21/88	SCALE		SKA-2056