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SENDER: Complete items 1 and 2 when additional services are desired, and complete items 3 and 4. 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. \(\times \) Show to whom delivered, date, and addressee's address. \(2 \) Restricted Delivery (Extra charge)	Main Main Main Main Main Main Main Main	7. Date of Delivery 2 - 2 - 9 / Serim 3.811, Apr. 1989 ** U.S.G.P.O. 1989-238-815



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. R. G. Moore Tampa Plant Manager Gold Bond Building Products 6110 Commerce Street Tampa, Florida 33616

December 27, 1990

Enclosed is construction permit AC 29-176228 to replace a gypsum rock crusher at your facility in Tampa, Hillsborough County, 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, 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.

Chief

Bureau of Air Regulation

Copy furnished to:

W. Thomas, SW District

J. Campbell, EPCHC

W. Sarrells, Gold Bond

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

Clerk

Final Determination

Gold Bond Building Products
Tampa, Hillsborough County, Florida

Replacement of Gypsum Rock Crusher Permit No. AC 29-176228

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

Final Determination

The Technical Evaluation and Preliminary Determination for the permit to replace a gypsum rock crusher at Gold Bond Building Products in Tampa, Hillsborough County, Florida, was distributed on June 15, 1990. The Notice of Intent to Issue was published in The Tampa Tribune on June 28, 1990. Copies of the evaluation were available for public inspection at the Department's Tampa and Tallahassee offices and the Environmental Protection Commission of Hillsborough County.

No comments were submitted on the Department's Intent to Issue the permit. The final action of the Department will be to issue construction permit AC 29-176228 as proposed in the Technical Evaluation and Preliminary Determination.



Florida Department of Environmental Regulation

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

Bob Martinez, Governor Dale Twachimann, Secretary John Shearer, Assistant Secretary

PERMITTEE: Gold Bond Building Products

P. O. Box 19307

Tampa, Florida 33616

Permit Number: AC 29-176228 Expiration Date: June 30, 1991

County: Hillsborough

Latitude/Longitude: 27°52'00"N

82°33'00"W

Project: Replacement of Gypsum Rock

Crusher System

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:

For replacement of a gypsum rock crusher located permittee's Tampa facility in Hillsborough County, Florida. UTM coordinates are Zone 17, 347.3 km E and 3082.7 km N. The

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

Attachments are listed below:

- Application to Construct Air Pollution Sources, 17-1.202(1) received January 29, 1990. l.
- 2. Letter from EPCHC dated March 9, 1990.
- Gold Bond letter to EPCHC dated March 22, 1990.

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.

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.

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 proscribed 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 continuous monitoring instrumentation) required by the permit, copies of all reports required by this permit, and

GENERAL CONDITIONS:

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:

- 1. Maximum process rate for the replacement rock crusher shall be 110 tons per hour.
- 2. The replacement rock crusher may operate 8,736 hours per year.
- 3. Visible emissions from the replacement rock crusher shall not exceed 5% opacity.
- 4. Fugitive emissions associated with the replacement rock crusher shall be controlled or prevented.
- 5. Before this permit expires, the rock crusher bag collector shall be tested for visible emissions. Test procedures shall be in accordance with DER Method 9. The Department's Southwest District office and the Environmental Protection Commission of Hillsborough County (EPCHC) shall be notified in writing 15 days

PERMITTEE:
Gold Bond Building Products

Permit Number: AC 29-176228 Expiration Date: June 30, 1991

SPECIFIC CONDITIONS:

or more prior to the compliance test. The test shall be conducted at maximum permitted process rate or no less than 90% thereof. Actual process rate during the test shall be reported along with test results. Two copies of test data shall be submitted to the EPCHC within 45 days of testing.

- 6. 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 this permit (F.A.C. Rule 17-4.090).
- 7. An application for an operation permit must be submitted to the Department's Southwest District office or the EPCHC office 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 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 26 day of becember, 1990

STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL REGULATION

STEVE SMALLWOOD, P.E.

Director

Division of Air Resources

Management

Check Sheet

Company Name: GOOD BOND BUILDING PRODUCTS
Permit Number: AC 29-176228
PSD Number:
Permit Engineer:
Application:
Initial Application Cross References:
Incompleteness Letters
Responses
Waiver of Department Action
Department Response Other
Intent:
Notice of Intent to Issue Mussing Letter from EPCHC 17,
Intent to Issue Notice of Intent to Issue Technical Evaluation BACT Determination Unsigned Permit Intent to Issue Missing Letter from EPCHC 3/9, Missing Gass Bond Letter to EPCH 3/27/90
BACT Determination
Unsigned Permit
Correspondence with:
L EPA
Park Services
Other Proof of Publication
Proof of Publication
Petitions - (Related to extensions, hearings, etc.)
Waiver of Department Action
Cther
Final Determination:
Final Determination
Signed Permit
BACT Determination
Other
Post Permit Correspondence:
Extensions/Amendments/Modifications
Other



A National Gypsum Division

July 5, 1990

State of Florida Department of Environmental Regulation 4520 Oak Fair Blvd. Tampa, FL 33610-7347

Attn: Richard D. Garrity

RECEIVED

DEC 1 4 1990

DER - BAQM

Dear Sir:

Enclosed is a certified copy for a Notice of Intent for the replacement of the rock crusher. The ad was run June 28, 1990.

Sincerely,

Byron B. Bowers
Plant Engineer

cc: P. H. Chheda, Eng.
Hillsborough County Environmental
Protection Agency

D.E.R.

SOUTHWEST BISTRICT TAMPA

THE TAMPA TRIBUNE

Published Daily Tampa, Hillsborough County, Florida

State of Florida County of Hillsborough $\}$ ss.

Kermit J. Kauffman, who on oath says that he is Controller of The Tampa Tribune, a daily newspaper published at Tampa in Hillsborough County, Florida; that the attached copy of advertisement being a
LEGAL NOTICE
n the matter of
BUILDING PRODUCTS
June 28, 1990 Affiant further says that the said The Tampa Tribune is a newspaper published at Tampa, in said Hillsborough County, Florida, and that the said newspaper has here- ofore been continuously published in said Hillsborough County, Florida, each day
and has been entered as second class mail matter at the post office in Tampa, in said Hillsborough County, Florida, for a period of one year next preceding the first publication of the attached copy of advertisement; and affiant further says that he has seither paid nor promised any person, firm, or corporation any discount, rebate, comnission or refund for the purpose of securing this advertisement for publication in the aid newspaper.
Kernet J. Kauffman
Sworn to and subscribed before me, this day ofJune

RECEIVED

My Commission Expires Inn. 6, 1973

DEC 1 4 1990

DER - BAQM

State of Florida Department of Environmental Regulation Notice of Intent

The Department of Environmental Regulation hereby gives natice of its intent to issue an after the fact construction permit to Gold Bord Building Products, 6110 Commerce Street, Tampa, Fioridal 33616, for replacement of a gypsum rock crusher at their gypsum board manufacturing facility. A determination of Best Avallable Control Technology (BACT) was not required. The Department is is suring this intent to issue for the reasons stated in the Technical Evaluation and Preliminary Determination.

A person whose substantial interest are affected by the Department's proposed permitting decision may petition for an administrative proceeding (hearing) in accordance with Section 120.57, Florida Statutes. The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel of the Department at 2600 Blair Stone Road, Taliahassee, Florida 2339-2400, within fourteen (14) days of publication of this notice. Petitioner sholl mail a copy of the petition to the applicant of the address indicated above at the time of filling. Fallure 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, Evorida Statutes.

The Petition shall contain the following information:

(a) The name, adaress, and telephone number of, each petitioner, the applicant's name and address, the Department Permit File Number and the county in which the project is proposed;

(b) A statement of how and when each petitioner received notice of the Department's action;

(c) A statement of how each petitioner's substantia interests are affected by the Department's action or proposed action;

etitioner, if any;

(e) A statement of facts

(e) A statement of focus
which petitioner contends
warrant reversal or modification of the Department's action or proposed action

(f) A statement of which rules or statutes petitioner contends require reversal or modification of the Department's action or proposed action; and

(9) A statement of the relief sought by petitioner, stating precisely the action petitioner wants the Department to take with respect to the Department's action or proposed ac-

if a petition is filed, the consistency octon. Accordingly, the epartment's find oction may be different from the position octon by it in this Notice. Persons whose substantial interests will be affected by the consistency octon of the Department with regard to the application have the right to the proceeding. The petition must conform to the requirements specified above and be filled (received) within 14 days of publication of this notice in the Office of General Counsel of the above address of the Department. Failure to petition within the allowed time frame constitutes a walvier of any right such person has to request a hearing under section 120.57, F.S., and to participate as a party thins frame constitutes a valvier of any right such person that operficipate as a party thins proceeding. An subsequent intervention wonly be at the approval of the presiding officer upon malk filled pursuant to available.

The application is available for public inspection during business hours, 8:00 a.m. 5:00 p.m., Monday through bay, except legal holidays, a penartment of the second secon

Environmental Regulation
Bureau of Air Regulation
Bureau of Air Regulation
Button Road
Tallahassee,
Florida 32399-2400
Department of
Environmental Regulation
Southwest District

Southwest Southw

Any person may send en comments on the consend action to Mr. Born relations of the Departm relationssee codress.

ays of the publication of the considered will be considered the Department's final action.

P 256 395 213

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED. NOT FOR INTERNATIONAL MAIL

Special Delivery Fee

Restricted Delivery Fee

Return Receipt showing to whom and Date Delivery

TOTAL Postage and Fees

Special Delivery Fee

Return Receipt showing to whom Date, and Address of Delivery

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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

October 2, 1990

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

Mr. R. G. Moore Tampa Plant Manager Gold Bond Building Products 6110 Commerce Street Tampa, Florida 33616

Dear Mr. Moore:

Re: Permit Nos. AC 29-176228 and AC 29-179018

The Department has not received any indication that Gold Bond intends to continue with the above proposed permits mailed to you on June 15, 1990.

Unless you notify us in writing within 10 days of receipt of this letter, we will assume you do not intend to continue with these applications. The Department will then remove these applications from further consideration.

If you have any questions, please contact John Reynolds at (904) 488-1344.

Sincerely,

C. H. Fancy, P.E.

Chief

Bureau of Air Regulation

CHF/JR/plm

c: W. Thomas, SW District

J. Campbell, HCEPC

W. Sarrells, Gold Bond

P-423 104 517 .

RECEIPT FOR CERTIFIED MAIL

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and check box(es) for additional service(s) requested.	
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Tampa Plant Manager	Type of Service:
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PS Form 3811, Apr. 1989 + u.s.G.P.O. 1989-238-815	DOMESTIC RETURN RECEIPT



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

June 15, 1990

CERTIFIED MAIL-RETURN RECEIPT REQUESTED

Mr. R. G. Moore Tampa Plant Manager Gold Bond Building Products 6110 Commerce Street Tampa, Florida 33616

Dear Mr. Moore:

Attached is one copy of the Technical Evaluation and Preliminary Determination and proposed permit for after the fact construction of a gypsum rock crusher at your Tampa Facility.

Please submit any written comments you wish to have considered concerning the Department's proposed action to Mr. Barry Andrews.

Sincerely,

C. H. Fancy, P.E.

Chief

Bureau of Air Regulation

CHF/JR/plm

Attachments

c: W. Thomas, SW District

J. Campbell, EPCHC

W. Sarrells, Gold Bond

BEFORE THE STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL REGULATION

In the Matter of Application for Permit by:

Gold Bond Building Products P. O. Box 19307 Tampa, Florida 33616

DER File No. AC 29-176228

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, Gold Bond Building Products, applied on March 28, 1990, to the Department of Environmental Regulation for an after the fact construction permit for replacement of a gypsum rock crusher at their existing facility in Tampa, 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 is required for the proposed work.

Pursuant to Section 403.815, F.S. and DER Rule 17-103.150, F.A.C., you (the applicant) are required to publish at your own expense the enclosed Notice of Intent to Issue Permit. The notice shall be published one time only within 30 days, in the legal ad section of a newspaper of general circulation in the area affected. For the purpose of this rule, "publication in a newspaper of general circulation in the area affected" means publication in a newspaper meeting the requirements of Sections 50.011 and 50.031, F.S., in the county where the activity is to take place. The applicant shall provide proof of publication to the Department, at the address specified within seven days of publication. 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 a 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 Florida Statutes. The petition must contain information set forth below and must be filed (received) in the Office of General Counsel of the Department at 2600 Blair Stone Road, Tallahassee, Florida 32399-2400. Petitions filed by the permit applicant and the parties listed below must be filed within days of receipt of this intent. Petitions filed by other persons must be filed within 14 days of publication of the public notice or within 14 days of receipt of this intent, whichever first occurs. Petitioner shall mail a copy of the petition to the applicant at the address indicated above at the time of filing. 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.

The Petition shall contain the following information;

(a) The name, address, and telephone number of each petitioner, the applicant's name and address, the Department Permit File Number and the county in which the project is proposed;

(b) A statement of how and when each petitioner received

notice of the Department's action or proposed action;

(c) A statement of how each petitioner's substantial interests are affected by the Department's action or proposed action;

- (d) A statement of the material facts disputed by Petitioner, if any;
- (e) A statement of facts which petitioner contends warrant reversal or modification of the Department's action or proposed action;
- (f) A statement of which rules or statutes petitioner contends require reversal or modification of the Department's action or proposed action; and

(g) A statement of the relief sought by petitioner, stating precisely the action petitioner wants the Department to take with

respect to the Department's action or proposed action.

If a petition is filed, the administrative hearing process is ·to formulate agency action. Accordingly, Department's final action may be different from the position taken by it in this notice. Persons whose substantial interests will be affected by any decision of the Department with regard to the application(s) have the right to petition to become a party to the proceeding. The petition must conform to the requirements and be filed (received) within 14 days of specified above publication of this notice in the Office in General Counsel at the above address of the Department. Failure to petition within the allowed time frame constitutes a waiver of any right such

person has to request a hearing under Section 120.57, F.S., and to participate as a party to this proceeding. Any subsequent intervention will only be at the approval of the presiding officer upon motion filed pursuant to Rule 28-5.207, F.A.C.

Executed in Tallahassee, Florida.

STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL REGULATION

C. H. Fancy, P.E.

Chief

Bureau of Air Regulation

Copies furnished to:

W. Thomas, SW District

J. Campbell, EPCHC

W. Sarrells, Gold Bond

CERTIFICATE OF SERVICE

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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.

Wi Ooker

Date

State of Florida Department of Environmental Regulation Notice of Intent to Issue

The Department of Environmental Regulation hereby gives notice of its intent to issue an after the fact construction permit to Gold Bond Building Products, 6110 Commerce Street, Tampa, Florida 33616, for replacement of a gypsum rock crusher at their gypsum board manufacturing facility. A determination of Best Available Control Technology (BACT) was not required. The Department is issuing this Intent to Issue for the reasons stated in the Technical Evaluation and Preliminary Determination.

A person whose substantial interests are affected by the Department's proposed permitting decision may petition for administrative proceeding (hearing) in accordance with Section Florida Statutes. The petition must contain information set forth below and must be filed (received) in the Office of General Counsel of the Department at 2600 Blair Stone Road, Tallahassee, Florida 32399-2400, within fourteen (14) days of publication of this notice. Petitioner shall mail a copy of the petition to the applicant at the address indicated above at the time of filing. 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.

The Petition shall contain the following information:

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

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 position taken by it in this Notice. Persons whose substantial interests will be affected by any decision of the Department with regard to the application have the right to petition to become a party to the proceeding. The petition must conform to the requirements specified above and be filed (received) within 14 days of publication of this notice in the Office of General Counsel at the above address of the Department. Failure to petition within the allowed time frame constitutes a waiver of any right such person has to request a hearing under Section 120.57, F.S., and to participate as a party to this proceeding. Any subsequent intervention will only be at the approval of the presiding officer upon motion filed pursuant to Rule 28-5.207, F.A.C.

The application is available for public inspection during business hours, 8:00 a.m. to 5:00 p.m., Monday through Friday, except legal holidays, at:

Department of Environmental Regulation Bureau of Air Regulation 2600 Blair Stone Road Tallahassee, Florida 32399-2400

Department of Environmental Regulation Southwest District 4520 Oak Fair Blvd. Tampa, Florida 33610-7347

Environmental Protection Commission of Hillsborough County 1410 North 21st Street Tampa, Florida 33605

Any person may send written comments on the proposed action to Mr. Barry Andrews 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

Gold Bond Building Products Tampa, Hillsborough County, Florida

Replacement of Gypsum Rock Crusher Permit No. AC 29-176228

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

I. Application

A. Address

Gold Bond Building Products P. O. Box 19307 Tampa, Florida 33616

B. Request

The Department received a complete application on March 28, 1990, for replacement of a gypsum rock crusher at the applicant's facility in Tampa, Florida.

C. Location/Classification

The applicant's gypsum board manufacturing facility (SIC Code 3275) is located at 6110 Commerce Street in Tampa. Latitude and longitude are 27°52'00"N and 82°33'00"W, respectively. UTM coordinates are 17-347.3 km E and 3,082.7 km N.

II. Project Description/Emissions

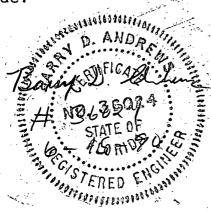
The applicant replaced a rock crusher that is vented through an existing baghouse and through the rock dryer baghouse. Emissions of particulate matter from the existing bag collector will remain insignificant at 1.1 lbs/hr and 4.7 tons/yr.

III. Rule Applicability

The construction permit application is subject to review under Chapter 403, Florida Statutes and Florida Administrative code (F.A.C.) Chapters 17-2 and 17-4. The facility is located in an area classified as nonattainment for particulate matter. The applicable emission limit rule is F.A.C. Rule 17-2.650(2)(c)11 which specifies an emission limit of 0.03 gr/dscf. However, rather than applying this limit and requiring a Method 5 compliance test, an alternate standard of 5 percent opacity will be specified in the permit in accordance with F.A.C. Rule 17-2.700(3)(d).

IV. Conclusion

Based on the information provided by Gold Bond Building Products, the Department has reasonable assurance that the replacement of the gypsum rock crusher, as described in this evaluation, and subject to the conditions proposed herein, will not cause or contribute to a violation of any air quality standard, PSD increment, or any other technical provision of Chapter 17-2 of the Florida Administrative Code.





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:
Gold Bond Building Products
P. O. Box 19307
Tampa, Florida 33616

Permit Number: AC 29-176228 Expiration Date: December 31, 1990 County: Hillsborough

Latitude/Longitude: 27°52'00"N 82°33'00"W

Project: Replacement of Gypsum Rock Crusher System

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:

For replacement of a gypsum rock crusher located at the permittee's Tampa facility in Hillsborough County, Florida. The UTM coordinates are Zone 17, 347.3 km E and 3082.7 km N.

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

Attachments are listed below:

- 1. Application to Construct Air Pollution Sources, DER form 17-1.202(1) received January 29, 1990.
- 2. Letter from EPCHC dated March 9, 1990.
- 3. Gold Bond letter to EPCHC dated March 22, 1990.

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.

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.

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 proscribed 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 continuous monitoring instrumentation) required by the permit, copies of all reports required by this permit, and

GENERAL CONDITIONS:

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:

- 1. Maximum process rate for the replacement rock crusher shall be 110 tons per hour.
- 2. The replacement rock crusher may operate 8,736 hours per year.
- 3. Visible emissions from the replacement rock crusher shall not exceed 5% opacity.
- 4. Fugitive emissions associated with the replacement rock crusher shall be controlled or prevented.
- 5. Before this permit expires, the rock crusher bag collector shall be tested for visible emissions. Test procedures shall be in accordance with DER Method 9. The Department's Southwest District office and the Environmental Protection Commission of Hillsborough County (EPCHC) shall be notified in writing 15 days

PERMITTEE:
Gold Bond Building Products

Permit Number: AC 29-176228
Expiration Date: December 31, 1990

SPECIFIC CONDITIONS:

or more prior to the compliance test. The test shall be conducted at maximum permitted process rate or no less than 90% thereof. Actual process rate during the test shall be reported along with test results. Two copies of test data shall be submitted to the EPCHC within 45 days of testing.

- 6. 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 this permit (F.A.C. Rule 17-4.090).
- 7. An application for an operation permit must be submitted to the Department's Southwest District office or the EPCHC office 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 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	<u> </u>	day
of		,	1990

STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL REGULATION

STEVE SMALLWOOD, P.E. Director Division of Air Resources Management

AC 29-176228 Complete 3/28/90

STATE OF FLORIDA

DEPARTMENT OF ENVIRONMENTAL REGULATION

SOUTHWEST DISTRICT

7601 HIGHWAY 301 NORTH TAMPA, FLORIDA 33610



E.P.C. OF H.C. AIR PROGRAM SOS GRAHAM GOVERNOR

VICTORIA J. TSCHINKEL SECRETARY

WILLIAM K. HENNESSEY DISTRICT MANAGER

SOURCE TYPE:	Air Poliution	[] New ¹	[] Exi	sting (X) Afterathe Fact
APPLICATION TY	PE: [X] Construction [] Opera National Gypsum Company	tion []	Modifica	tion
COMPANY NAME:_	Gold Bond Building Products			COUNTY: Hillshorough
Identify the s	pecific emission point source(s)	addresse	d in this	application (i.e. Lime Replacement of rock

APPLICATION TO OPERATE/CONSTRUCT AIR POLLUTION SOURCES

Replacement of rock
Kiln No. 4 with Venturi Scrubber; Peaking Unit No. 2, Gas Fired) crusher in dryer building

SOURCE LOCATION: Street 6110 Commerce Street City Port Tampa

UTM: East_ 17-347.3 North 3082.7

Latitude 27 • 52 ' ____'N Longitude 82 • 33 ' ___'W

APPLICANT NAME AND TITLE: R.G. Moore, Tampa Plant Manager

APPLICANT ADDRESS: 6110 Commerce Street Tampa, FL 33616

SECTION I: STATEMENTS BY APPLICANT AND ENGINEER

A. APPLICANT

National Gypsum Company

I am the undersigned owner or authorized representative* of Gold Bond Building Products

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

R.G. Moore, Plant Manager

Name and Title (Please Type)

Date: 10/13/89 Telephone No. (813) 839-2111

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

DER Form 17-1.202(1) Effective October 31, 1982

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

pollution, eo		Signed Manuel Samello
	of the	Wayne C. Sarrells
15. 15. 20 mg. 2		Nese (Please Type)
CONON	-77 * con 42.	Gold Bond Building Products
19: 20 A		Company Name (Please Type)
		2001 Rexford Road Charlotte, NC 28211-3498
6/2	A Talk Land	Mailing Address (Please Type)
ida Regiétra	13 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Dete: Och 4 1989 Telephone No. (704) 365-7300
	SECTION II:	GENERAL PROJECT INFORMATION
necessity.	An "In-Kind" repla	cement of a rock crusher that is vented
		• • • • • • • • • • • • • • • • • • • •
	through an existing	a hadhouse and through the rock driver hadhouse
	through an existing	g baghouse and through the rock dryer baghouse.
	through an existing	g baghouse and through the rock dryer baghouse.
	through an existing	g baghouse and through the rock dryer baghouse.
Schedule of		
	project covered in t	his application (Construction Parmit Application D
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Start of Con Costs of pol for individu Information	project covered in the struction May 198 lution control systems of components of the structural systems of the structural	his application (Construction Parmit Application 0 Completion of Construction June 1989 (a): (Note: Show breakdown of estimated costs of the project serving pollution control purposes.
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Start of Con Costs of pol for individu Information permit.)	project covered in to struction May 198 lution control system components/units on actual costs shall Est. \$40,000.00	his application (Construction Permit Application 0 9
Start of Con Costs of pol for individu Information permit.)	project covered in to struction May 198 lution control system components/units on actual costs shall Est. \$40,000.00	his application (Construction Parmit Application 0 9

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	this is a new source or major modification, answer the following quest: s or No)	ions.
•	Is this source in a non-attainment area for a particular pollutant?	Yes
	a. If yes, has "offset" been applied?	No
	b. If yes, has "Lowest Achievable Emission Rate" been applied?	No
	c. If yes, list non-attainment pollutants. Particulates	·
•	Does best svailable control technology (BACT) apply to this source? If yes, see Section VI.	
•	Does the State "Prevention of Significant Deterioriation" (PSD) requirement apply to this source? If yes, see Sections VI and VII.	No
•	Do "Standards of Performance for New Stationary Sources" (NSPS) apply to this source?	No .
•	Do "National Emission Standards for Hazardous Air Pollutants" (NESHAP) apply to this source?	No
	"Ressonably Available Control Technology" (RACT) requirements apply this source?	No
	a. If yes, for what pollutants? N/A	

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Attach all supportive information related to any answer of "Yes". Attach any justification 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:

	Contami	inants	Utilization		
Description	Type	% Wt	Rate - lbs/hr	Relate to Flow Diagram	
Gypsum	Dust	100	110 T/HR	Flow Diagram attached	
e se e e e			-		
	·	_			

R.	Process	Rate.	1 6	applicable:	(500	Section V	Itaa	1 3	١
о.	rrocess	nate,	4,	SDDTTCSDTGI	(365	38CLION V		/	,

1.	Total Process Input Rate (1bs/h	r):110 T/HR	
2.	Product Weight (lbs/hr):	110 T/HR	

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

Name of Contaminant	Emission ¹		Allowed ² Emission Rats per	Allowable ³ <	Potential ^A Emission	Relate to Flow	
	Maximum lbs/hr	Actual T/yr	Ruls 17-2	lba/hr		Diagram	
Gypsum Dust	1.08 -	4.7	N/A	1,08	362/ls/Wr 1520		
					7		
				·			
				. /			

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).

n. control pestices: (see secriou se irem a	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)
Flex Kleen	Gypsum	99+%	Unknown	
84-NRB-96-III				
			·	

E.	Fuels	N/A
		11//

	Consum	ption*			
Type (Be Specific)	svq/hr	max./hr	Maximum Heat Input (MMBTU/hr)		
		·			
	·		·		

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

_	- •		- •	_ : _		NI.
r	uel	AΠ	8 T /	/819	12	N.

Percent Sulfur:		Percent Ash:		
Density:	lbs/gsl	Typical Percent Nitrogen:		
Heat Cepacity:	BTU/1b		BTU/gal	
Other Fuel Contaminants (whi	ch may cause air p	ollution):		
				
F. If applicable, indicate	the percent of fue	l used for space heating.		
Annual Averene	Ma	visus		

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

	jht:	45		ft. s	tack Diamet	15 in	ches
as Flow R	late: <u>47</u>	00ACFH	4222	_DSCFM G	les Exit Temp		
							FF
• • ••		SECT	ION IV:	INCINERAT	OR INFORMAT	CON N/A	
Type of Waste	Type O (Plastics	Type I (Rubbish)	Type II (Refuse)	Type II (Garbage	I Type IV (Pathological)	Type V (Liq.& Gas By-prod.)	Type VI (Solid By-prod.
Actual lb/hr Inciner- ated							
Uncon- trolled (lbs/hr)							
stal Weig	ht Inciner	$\mathcal{F}_{ij} = \{ i, j \in \mathcal{F}_{ij} \mid i \in \mathcal{F}_{ij} \} $	r)		-		
otal Weig	ht Inciner	ated (lbs/h	r)		-		
otal Weig pproximat anufactur	ht Inciner	ated (1bs/h	r)	per day	-	/wk	hr)wks/yr
otal Weig pproximat anufactur	ht Inciner	ated (1bs/h	r)	per day Model	day,	/wk	wka/yr
otal Weig oproximat anufactur	ht Inciner	ated (lbs/h	r)	per day Model	day,	/wk	Wka/yr
otal Weig oproximat anufactur ate Const	ht Inciner	ated (1bs/h f Hours of Volume (ft)	r)	per day Model	day,	/wk	Wka/yr
etal Weig oproximat anufactur ate Const	ht Inciner e Number of er ructed	ated (lbs/h f Hours of Volume (ft)	r)Operation Heat R (BTU	per day Model elease /hr)	NoFue.	BTU/hr	Temperature (°F)
etal Weig oproximat inufactur ite Const Primary C iecondary	ht Inciner e Number of er ructed Chamber	ated (lbs/h f Hours of Volume (ft) ³	Operation Heat R (BTU	per day Model elease /hr)	NoFue.	BTU/hr Stack T	Temperature (°F)
proximate anufacturate Const	ht Inciner e Number of er ructed hamber Chamber	Volume (ft)	T) Operation Heat R (BTU Stack Dia ACFM ign capac	per day Model elease /hr) ster:	No. Fue: Type DSCFM*	BTU/hr Stack T	Temperature (°F)

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Brief description	of operating characteristics of control devices:
	Jet-Pulse Baghouse
Ultimate disposal ash, etc.):	l of any effluent other than that emitted from the stack (scrubber water,
	Collected dust is re-cycled back to process
	<u> </u>

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)]

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

- 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.
- 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, stach derivation of control device(s) efficiency. Include test or design data. Items 2, 3 and 5 should be consistant: actual emissions = potential (1-efficiency).
- 6. An 8 1/2" x 11" flow diagram which will, without ravealing 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 B 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 end 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 emissione. Relate all flows to the flow diagram.

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	•,	
9.	The appropriate application fee in accommade payable to the Department of Enviro	dance with Rule 17-4.05. The check should be nmental Regulation.
10.	With an application for operation permit atruction indicating that the source we permit.	t, attach a Certificate of Completion of Con- eas constructed as shown in the construction
	CONTANT NO. OFFI AMAI	
٠		LABLE CONTROL TECHNOLOGY
۸.	Are standards of performance for new sta applicable to the source?	stionary mources purmumnt to 40 C.F.R. Part 60
•	[X] Yes [] No .	
•	Contaminant	Rate or Concentration
	CaSO ₄ 2H ₂ O	0.03 grs/5DCF
-		
_	<u> </u>	· · · · · · · · · · · · · · · · · · ·
В.	Has EPA declared the best available conyes, attach copy) [] Yes [] No N/A	trol technology for this class of sources (If
	Contaminant	Rate or Concentration
•	<u> </u>	
		<u> </u>
	<u> </u>	
C.	What emission levels do you propose as b	est available control technology?
	Conteminant N/A	Rate or Concentration
		
	·	
		
D.	Describe the existing control and treatm	ent tachnology (if any).
	1. Control Davice/System: Flex-Kleen	
	3. Efficiency:* 99%+	Fabric Filter 4. Capital Coata:
	,	\$45,000.00
TE X	plain method of determining	

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Effective November 30, 1982

	5.	Useful Life:		6.	Operating Costs:	
	7.	Energy:		8.	Maintenance Coat:	
	9.	Emissions:				
		Contaminant			Rate or Concentration	
		 				
	10.	Stack Parameters				
	8.	Height:	ft.	ь.	Diameter:	ft.
	c.	Flow Rate:	ACFM	d.	Temperature:	9 F.
	, e .	Velocity:	FPS			
ε.		cribe the control and treatment additional pages if necessary).		olog	y available (As many types as	applicable
	1.					
	a.	Control Device: N/A		b.	Operating Principles:	
	c.	Efficiency: 1		d.	Capital Cost:	
	•.	Useful Life:		f.	Operating Cost:	
	g.	Energy: 2		h.	Maintenance Cost:	
	i.	Availability of construction ma	terial	ls an	d process chemicals:	
	j.	Applicability to manufacturing	proces	808:		
	k.	Ability to construct with contract within proposed levels:	rol de	vice	, install in available apace,	and operate
	2.					
	а.	Control Device: N/A		ь.	Operating Principles:	
	c.	Efficiency:1		d.	Capital Cost:	
		Useful Life:		f.	Operating Cost:	
	•.	440141 51.0.				
	•. g.	Energy: 2		h.	Maintanance Coat:	

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Applicability to manufacturing processes: Ability to construct with control device, install in available space, and operate within proposed levels: N/A 3. Control Device: Operating Principles: ь. . Efficiency:1 Capital Cost: C. Useful Life: Operating Cost: Energy:2 Maintenance Cost: q. Availability of construction materials and process chemicals: i. Applicability to manufacturing processes: Ability to construct with control device, install in available space, and operate within proposed levels: 4. N/A Control Device: Operating Principles: Efficiency: 1 Capital Costs: Useful Life: Operating Cost: Energy: 2 q. Maintenance Cost: Availability of construction materials and process chemicals: Applicability to manufacturing processes: j. Ability to construct with control device, install in available space, and operate within proposed levels: Describe the control technology selected: Control Device: Fabric Filter Efficiency: 1 99%+ 12 year Tax Life \$45,000.00 Useful Life: 3. Capital Cost: Unknown Energy: 2 5. Operating Cost: 6. Unknown Manufacturer: Flex-Kleen Maintenance Cost: Unknown 7. Other locations where employed on similar processes: a. (1) Company: (2) Mailing Address: (3) City: (4) States ¹Explain method of determining efficiency. $^{\mathbf{Z}}$ Energy to be reported in units of electrical power - KWH design rate.

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(5) Environmental Manager:	· N/A		٠.	÷.
(6) Telephone No.:				
(7) Emissions: 1				
Conteminant		F	late or Conce	ntration
Gypsum Dust		03	grs/5DCF	
(8) Process Rate: 1	220,000 lbs./	hr.		
b. (1) Company:				
(2) Mailing Address:				
(3) City:		(4) State:		•
(5) Environmental Manager:				
(6) Telephone No.:				
(7) Emissions: 1				
Contaminant			Rate or Conce	ntration
(8) Process Rate: 1				
10. Reason for selection an	nd descriptio	n of systems:		
Applicant must provide this in available, applicant must state			Should this	information not
SECTION VII -	- PREVENTION	OF SIGNIFICANT	DETERIORATIO	N N/A
L. Company Monitored Data				
1no. sites	TSP	.()	so ² *	Wind spd/dir
Period of Monitoring	month /	/ to	month day	/ year
Other data recorded				
Attach all data or statistic	••			
Specify bubbler (B) or continuo	ous (C).			
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	2. 2		,	a ea Eesor	201,				
	a. Was	instrum	entation E	PA referenc	ed or its	equivalent?	[] Yes	[] No	•
	b. Was	instrum	entation c	slibrated i	n accordar	ce with Dep	artment p	rocedures?	•
	[]	Yes [] No []	Unknown					
٥.	Meteorol	logical	Data Used	for Air Que	lity Model	ling N/	Α .		
	1.	Year(s) of data	from month	/ /	to month	day yes	-	
	2. Surf	face dat	a obtained	from (loca	tion)		· · · · · · · · · · · · · · · · · · ·		
	3. Uppe	or air (ixing hei	ght) data o	btsined fi	om (locatio	n)	<u> </u>	
	4. Stat	bility w	ind rose (STAR) data	obtained f	rom (locsti	.on)		
c.	Computer	r Models	Used	N/A					
	1.				٠	Modified?	If yes,	attach de	scription.
						— Modified?			
						 Modified?			
	4.					Modified?			
					,				
	ciple ou			T modet inu	is suoming	input data,	receptor	Tocations	, and prin-
D.	Applican	its Maxi	mum Allowa	ble Emissio	n Data	N/A			
	Pollutan	ıt.		Emissio	n Rate				
	TSP					gı	:ams/sec		
	50 ²				·	g:	:ams/sec		
E.	Emission	n Data U	ed in Mod	eling				•	
	point so	ource (o		nt number),					cription of emissions,
F.	Attsch a	ill othe	r informat	ion support	ive to the	PSD review	. N/	P	
G.	ble tec	hnologie	s (i.e.,		roll, prod	luction, ta		gy, etc.)	er applica- . Include
н.	nels, en	nd other	competent		nformation	describing		ry and app	ions, jour- lication of

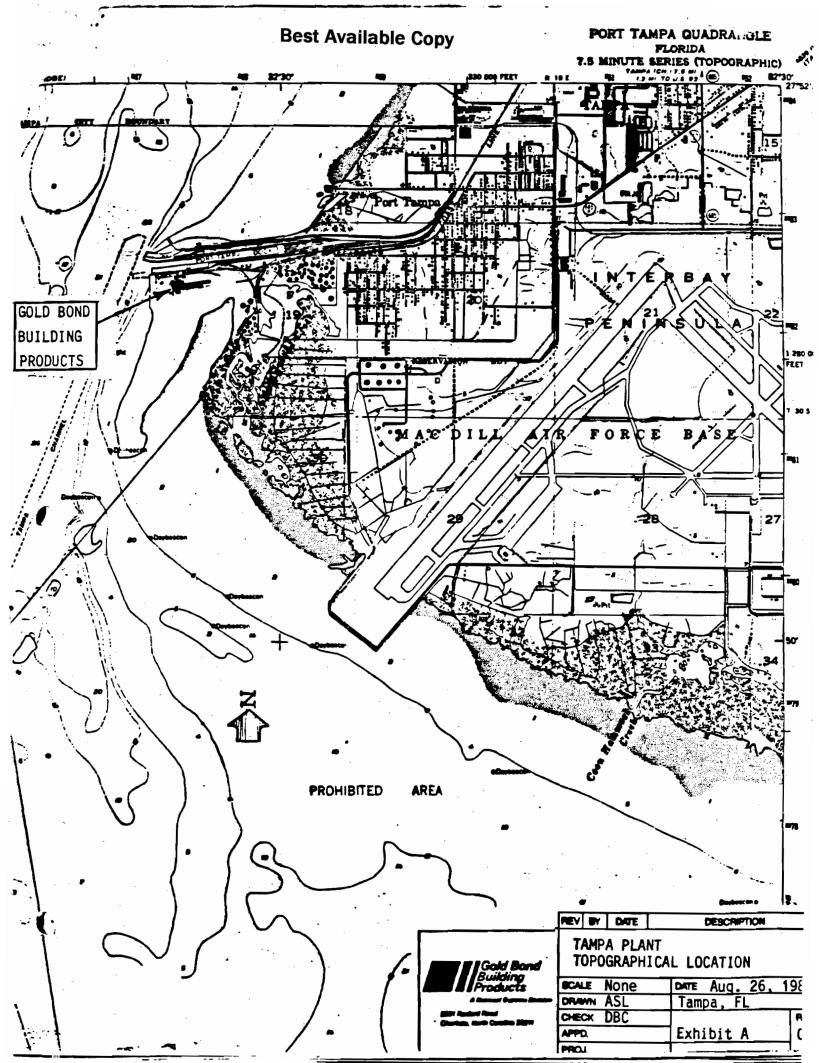
SECTION V

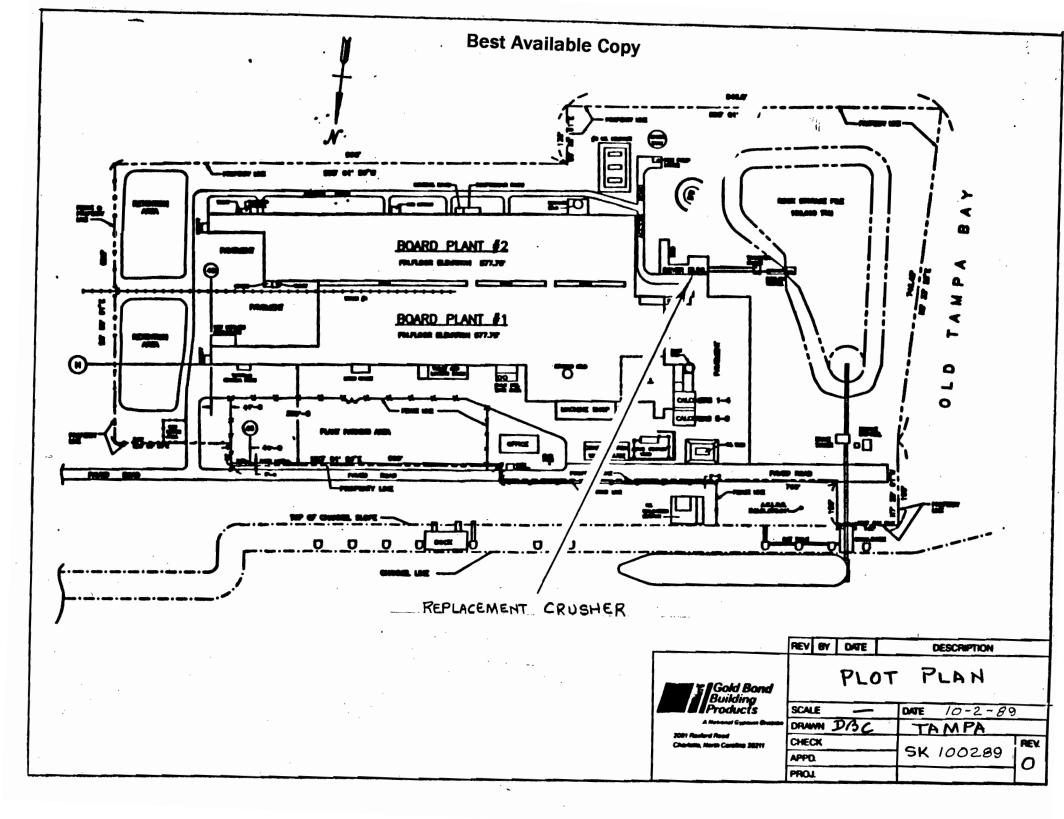
- 1. Process Rate = 110 tons/hour
- 2. Emissions Estimate: Crusher Ratio =
 1300 CFM/4700 CFM = .276:1
 460 + 70 x 4700 = 4222 x .276 =
 460 = 130
 1168 SDCFM from crusher
- 3. Potential emissions W/O baghouse:
 Inlet grain loading estimated at 10 grs/
 SDCF to baghouse with crusher ratio at
 .276 = 2.76 grs/SDCF x 1168 SDCFM x 60 =
 - 27.63 lbs./hr.
 Baghouse efficiency for crusher =

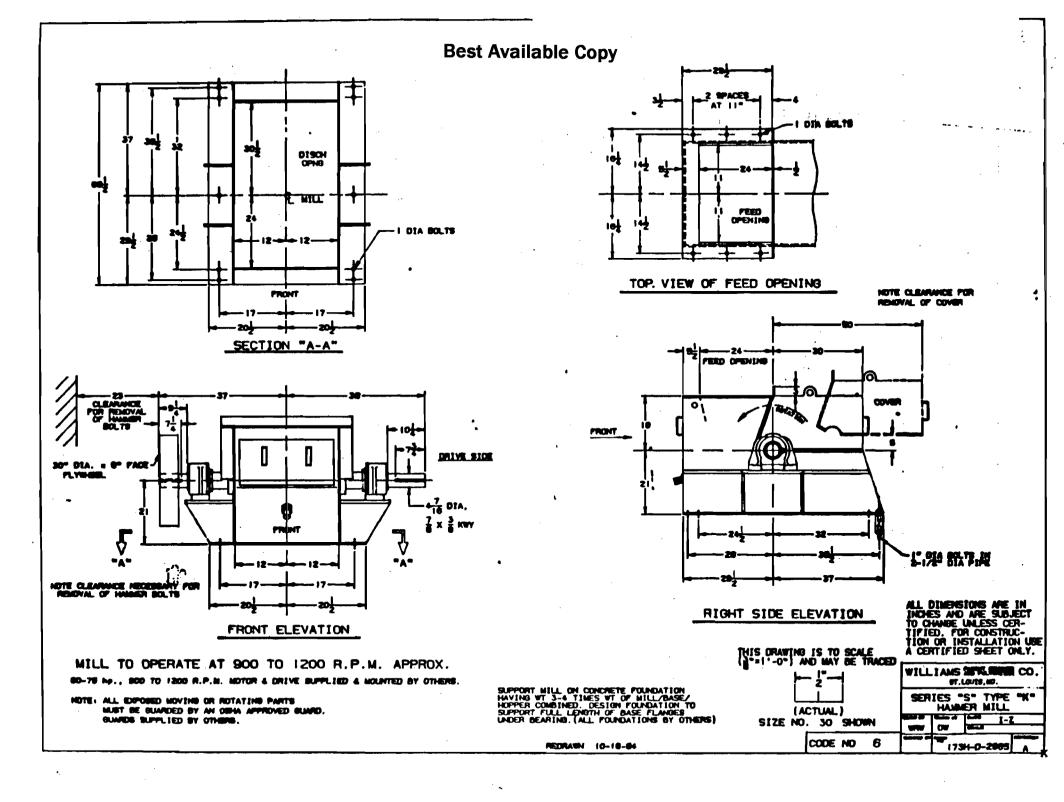
 27.63 lbs./hr .30 lbs./hr. x 100 = 98.9% eff.

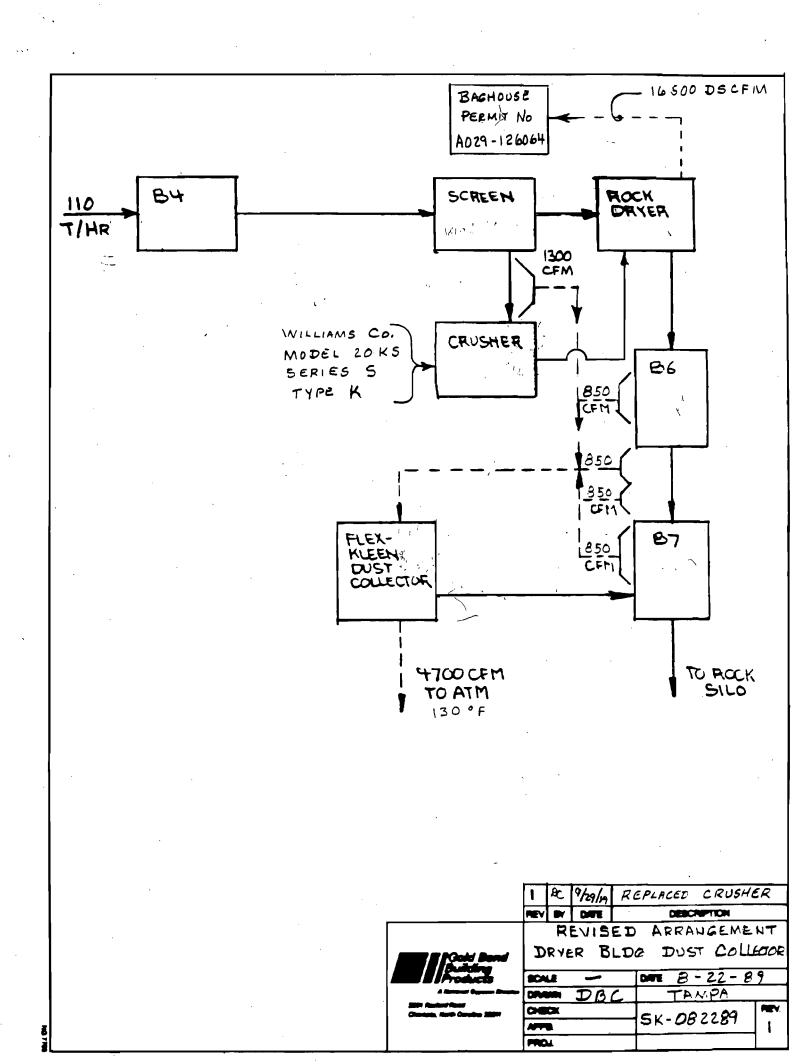
 27.63 lbs./hr.
- 4. Dust Collector: Flex-Kleen #84-WRB-96-III
 16 oz. Polyester 960 sq. ft. Fab.
 A/C ratio = 4700/960 = 4.9:1
- 5. Typical Test on similar units results were 99%+ efficiency.
- 6. Flow Chart: See attached sketch SK-082289 Revision #1
- 7. Plot Plan: See attached Exhibit A
- 8. Plot Plan: See attached sketch SK-100289 Revision #0
- 9. Application Fees: Please credit those monies submitted to the county on 5/17/89 for the renewal of the permit for the rock dryer to this application.

Ref: Check #23894 #355.00 HCEPC Check #23895 #750.00 FDER

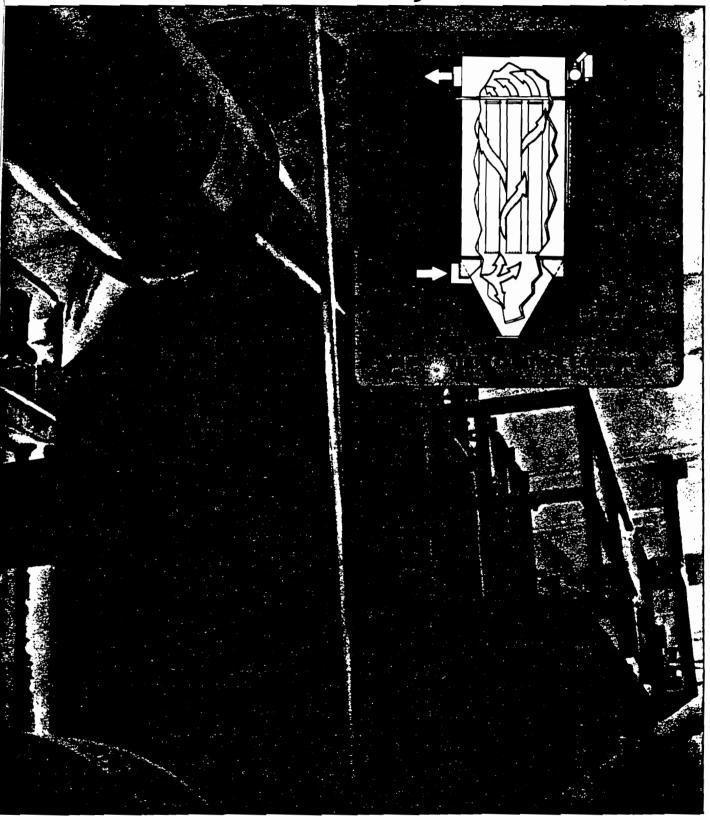








WR Series Welded Pulse Jet Dust Collectors





WR Series offers excellent filtration efficiency — for product recovery systems, large bin venting applications and general nuisance dust collection.

Advantages

The WR Series of welded pulse jet dust collectors offers:

• Easy installation

Depending on size, unit may be shipped completely assembled. Or, welded sections are shop assembled for quick and easy field erection, low field labor costs.

Quick-mounting air headers

In most cases, compressed air headers are shipped pre-wired and pre-piped, ready to mount.

Low operating costs

Timer reduces energy costs

Adjustable timer maintains low pressure drop, with minimum compressed air consumption. Energy costs are reduced.

Differential pressure gauge

Supplied as a standard item to evaluate collector operation and optimize bag cleaning capacity.

Minimum maintenance

No internal moving parts. Interior maintenance is greatly reduced. Collector shut-down is minimized.

Quick bag replacement

Bag and cage are designed to attach easily, permitting quick bag replacement.

Features

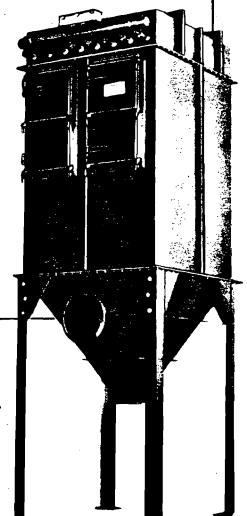
- Models available with bottom and top bag removal.
- Durable construction of welded 12 gauge hot rolled steel.
- Flanged air inlet, outlet and flanged dust discharge.
- 20" diameter top access port(s) to clean air plenum.
- Heavy gauge, cast aluminum venturis.
- Heavy duty, smooth wire cages.
- NEMA 4 (weathertight) electricals.
- Corner saddle supports ~ through 96 bag size.
- Six inch girth channel for continuous support – on sizes larger than 96 bags.
- Weatherproof walk-in clean air plenum (applies to top bag

removal only).

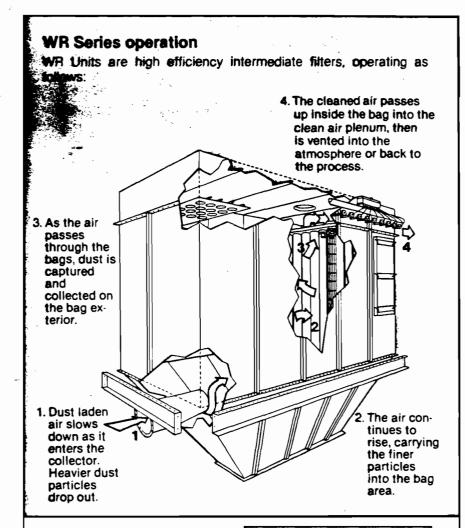
- Differential pressure and air header gauges.
- Door sills have built-in 45° slopes.

Options

- Top bag removal with lift-off doors or walk-in plenum.
- Bag cages epoxy coated or 304SS.
- Wide range of interior coatings.
- Electrical components rated for hazardous service.
- Inlet baffle with target plate.
- Full internal service grid.
- · Standard legs.
- Standard exterior access platform.



- Quick release bag clamp (bottom bag removal only).
- High efficiency filter bags, in a variety of materials.

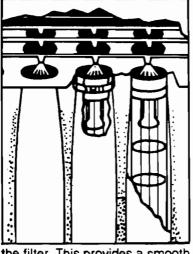


Pulse jet bag cleaning

A pneumatic pulse jet system provides continuous, automatic bag cleaning.

On a timed cycle, a burst of compressed air is directed down through a venturi at the top of the bag. This induces clean air into the bag, setting up a pneumatic shockwave inside it. The airflow through the bag is momentarily stopped, the bag is firmly flexed, causing the accumulated dust particles to drop off of the bag into the silo or collector hopper.

Since only one row of bags is cleaned at a time there is no



the filter. This provides a smooth operating dust control or material handling system.

Equipment characteristics

WR collectors are design engineered for product recovery systems, general nuisance dust control and large bin venting situations. They feature a low-pressure design, with a rating of 17 " W.G. as a standard requirement. These welded units have a capacity to 18,000 CFM, with high air-to-cloth ratios and excellent filtration efficiencies. Units range from 509 to 2.438 sq. ft. of cloth in large selection of sizes. Unit width is 5'4" (with no walkways) with 8 bags per row. Length varies from 4' to 16'. Bags, cages, and headers are shipped separately to avoid damage in transit.

Equipment arrangements

WR units can be purchased in three basic arrangements, to satisfy specific user requirements.

- Clean air plenum and bag cleaning mechanism, flanged at tube sheet for mounting on customer's equipment.
- Clean air plenum, bag cleaning mechanism and baghouse, flanged for mounting on user's equipment.
- III. Clean air plenum, bag cleaning mechanism, baghouse, and hopper with dusty air inlet and flanged dust outlet. Unit functions as complete dust collector.

Capabilities

The WR Series is only one of the highly efficient lines of pollution control equipment manufactured by Flex-Kleen Corporation. As specialists in the field of pollution control, Flex-Kleen has been helping to solve dust control problems for over 20 years. Result? Whatever Flex-Kleen dust collectors we supply – from simple bin vents to sophisticated baghouses – you can be sure they all work without frequent adjustment, attention or problems. For at Flex-Kleen, we specialize in "taking the nuisance out of dust control."

Ordering Information - WR Series (WRBS Model)

	L →
В	
A	

Select from a wide range of models... all designed to solve your dust control problems. With a wide range of sizes available, it's easy to match the collector size to your application.

Custom WR

Custom collectors, available in the sizes shown on the chart, can be modified and manufactured to meet exacting customer requirements (for hazardous service, sanitary applications, height limitations, etc.).

Stock WR

The standard line is designed with features required to meet most dust control applications. Stocking of these standardized components permits fast delivery, and lower cost.

				,		Pyramid
	0.4 M/DDC 40	509	9.5	4′-0″	7′-3″	Hopper 4'-3"
	84-WRBS-48	610	9.5 9.5	4 ·0 4 '-0 "	8′-7 ″	4'-3"
	100-WRBS-48	678	11.3	5′-4″	7'-3"	4'-3"
	84-WRBS-64	813	11.3	5'-4"	8'-7"	4'-3"
	100-WRBS-64	848	13.5	6'-8"	7′-3″	5'-5"
	84-WRBS-80 100-WRBS-80	1016	13.5	6′-8″	8'-7"	5'-5"
$\overline{}$	84-WRBS-96	1018	15.0	8'-0"	7'-3"	6'-6"
	100-WRBS-96	1219	15.0	8'-0"	8'-7"	6'-6"
			·			Trough Hopper
	84-WRBS-112	1187	16.4	9′-4″	7′-3″	3′-11″
	100-WRBS-112	1422	16.4	9'-4"	8′-7″	3′-11″
	84-WRBS-128	1357	18.7	10′-8″	7′-3″	3'-11"
	100-WRBS-128	1626	18.7	10′-8″	8′-7″	3′-11″
	84-WRBS-144	1526	21.0	12′-0″	7′-3″	3′-11″
	100-WRBS-144	1829	21.0	12′-0″	8′-7″	3′-11″
	84-WRBS-160	1696	23.4	13′-4″	7′-3″	3′-11″
	100-WRBS-160	2032	23.4	13′-4″	8′-7″	3′-11″
	84-WRBS-176	1866	25.7	14′-8″	7′-3″	3′-11″
	100-WRBS-176	2235	25.7	14′-8″	8′-7″	3′-11″
	84-WRBS-192	2035	28.0	16′-0″	7′-3″	3′-11″
	100-WRBS-192	2438	28.0	16′-0″	8′-7″	3′-11″
					<u> </u>	

WR Series

WRBS - WRB stock unit, bottom bag removal

WRBC - Stock unit modified for special requirements; bottom bag removal

WRTS - Top bag removal with lift-off roof doors

WRWS - Top bag removal with walk-in plenum

Ask your Flex-Kleen representative about the WR Series of welded dust collectors — let Flex-Kleen help you take the nuisance out of dust control in product recovery and large bin areas. For additional information, please call our sales manager at (312) 648-5371.

OPERATION AND MAINTENANCE PLAN

DAILY	
1 A. 2 B.	Baghouse Pressure Drop Visible Emission Level
WEEKLY	
4. B. C. D. F. G. D. F. G. H. I. J. K. L. M. N. O. P. Q. R. S. T. P. Q. 21. 22. T.	Observe stack (visually) Determine gas flow rate Gas temperature; inlet and outlet (if applicable) Bag cleaning conditions (parameters previously specified) Bag cleaning cycle (parameters previously specified) Listen for proper operation (audible leaks, etc.) Note any unusual occurrence in the process being ventilated— Observe all indicators on control panel Assure that dust is being removed from system— Dampers for proper operation Fan bearings. Fan for dust emission— Baghouse for excessive dust— Bag condition— Door seal Unplug hopper if necessary— Hopper floor plates— Lubrication— Dust collector fan amps— Pipe conditions (inlet and outlet)—
MONTHLY	
24 A. 25 B.	(Shaker) Check all shaker mechanism moving parts————————————————————————————————————
QUARTERI	<u>LY</u>
27B. 28C. 29D.	Inspect baffle plate for wear— Thoroughly inspect bags— Check duct for dust build-up— Observe damper valves for proper seating— Inspect paint— Check screw conveyor flighting—
ANNUALL	
32A. 33B. 34C.	Check all bolts————————————————————————————————————

ROCK DRYER PERMIT Gold Bond Building Products A National Gypsum Division

020 Νº 23895 531

134841

TAMPA, FLORIDA

MAY 17, 1989

PAY TO THE ORDER OF

STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL REGULATION - 000

SEVEN HUNDRED FIFTY AND 00/100************************

DOLLARS

NORTH CAROLINA NATIONAL BANK

ASHEVILLE, NC 28802

GOOD BOND BUILDING PRODUCTS
MILL CASH ACCOUNT

AUTHORIZED SIGNATURE

NGS-4058 REV. 11-80

063000047

053000196

68/65/

ENG!NEER!NG

ROCK DRYER PERMIT

Gold Bond
Building
Products

A National Gypsum Division

020 Nº 23894

<u>66-798</u> 531

TAMPA, FLORIDA

MAY 17, 1989

PAY TO THE

HILLSBOROUGH COUNTY ENVIRONMENTAL PROTECTION COMMISSION

355-00

THREE HUNDRED FIFTY-FIVE AND 00/100**********************

DOLLARS

NORTH CAROLINA NATIONAL BANK ASHEVILLE, NC 28802 GOED BOND BUILDING PRODUCTS

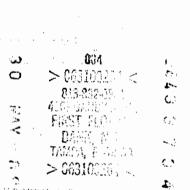
MILL CASH ACCOUNT

AUTHORIZED SIGNATURE

NGS-4058 REV. 11-80

530-0020-6 530-0020-6 708711346 85-31-dg

\$125084 \$125084



To The Account of Hillsborough County County Commissioner Act. #40072518