



STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION

SOUTHWEST DISTRICT
7601 HIGHWAY 301 NORTH
TAMPA, FLORIDA 33610
May 9, 1978

REUBIN O'D. ASKEW
GOVERNOR

JOSEPH W. LANDERS, JR.
SECRETARY

Hillsborough County-AP
Borden, Inc.

Mr. B. V. Galloway,
Environmental Manager
Borden, Inc.
P.O. Box 790
Plant City, Fla. 33566

Dear Mr. Galloway,

Pursuant to your recent application, please find enclosed a permit (No. A029-6318) dated May 9, 1978 to operate the subject pollution source.

This permit will expire on May 5, 1983 , and will be subject to the conditions, requirements, and restrictions checked or indicated otherwise in the attached sheet "Operation Permit Conditions".

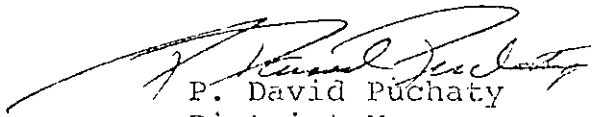
This permit is issued under the authority of Florida Statute 403.061(16). The time limits imposed herein are a condition to this permit and are enforceable under Florida Statute 403.161. You are hereby placed on Notice that the department will review this permit before the scheduled date of expiry and will seek court action for violation of the conditions and requirements of this permit.

You have ten days from the date of receipt hereof within which to seek a review of the conditions and requirements contained in this permit. Failure to file a written request to review or modify the conditions or requirements contained in this permit shall be deemed a waiver of any objections thereto.

Your continued cooperation in this matter is appreciated and in future communication please refer to your permit number.

Yours very truly,

CC: ✓ Central File
HCEPC
A. R. Lenkei, P.E.


P. David Puchaty
District Manager
Southwest District

STATE OF FLORIDA NEDS No. 0075
Point ID. 6 to 11
DEPARTMENT OF
ENVIRONMENTAL REGULATION
HILLSBOROUGH COUNTY
OPERATION PERMIT

FOR Borden, Inc.
P.O. Box 790
Plant City, Fla. 33566

PERMIT NO. A029-6318 DATE OF ISSUE May 9, 1978

PURSUANT TO THE PROVISIONS OF SECTIONS 403.061 (16) AND 403.707 OF CHAPTER 403 FLORIDA STATUTES AND CHAPTERS 17-4 AND 17-7 FLORIDA ADMINISTRATIVE CODE, THIS PERMIT IS ISSUED TO: Mr. B. V. Galloway, Environmental Manager

FOR THE OPERATION OF THE FOLLOWING:
Six baghouses controlling emissions from the feed preparation and dicalcium phosphate plants subject to the attached condition nos. 1, 2, 3, 6, 9, & 10.

LOCATED AT Southeast of Coronet Road, Plant City, Hillsborough County
UTM 7393800 E and 3096300 N

IN ACCORDANCE WITH THE APPLICATION DATED 7 December 1977

ANY CONDITIONS OR PROVISOS WHICH ARE ATTACHED HERETO ARE INCORPORATED INTO AND MADE A PART OF THIS PERMIT AS THOUGH FULLY SET FORTH HEREIN. FAILURE TO COMPLY WITH SAID CONDITIONS OR PROVISOS SHALL CONSTITUTE A VIOLATION OF THIS PERMIT AND SHALL SUBJECT THE APPLICANT TO SUCH CIVIL AND CRIMINAL PENALTIES AS PROVIDED BY LAW.

THIS PERMIT SHALL BE EFFECTIVE FROM THE DATE OF ISSUE UNTIL May 5, 1983

OR UNLESS REVOKED OR SURRENDERED AND SHALL BE SUBJECT TO ALL LAWS OF THE STATE AND THE RULES AND REGULATIONS OF THE DEPARTMENT.

J. J. Kerns
DISTRICT ENGINEER

Joseph W. Landers, Jr.
JOSEPH W. LANDERS, JR.
SECRETARY

Roger P. Stewart
Roger P. Stewart
Director

Frank J. ...
DISTRICT MANAGER

State of Florida
Department of Environmental Regulation

OPERATION PERMIT CONDITIONS
FOR AIR POLLUTION SOURCES

Permit No.: A029-6318

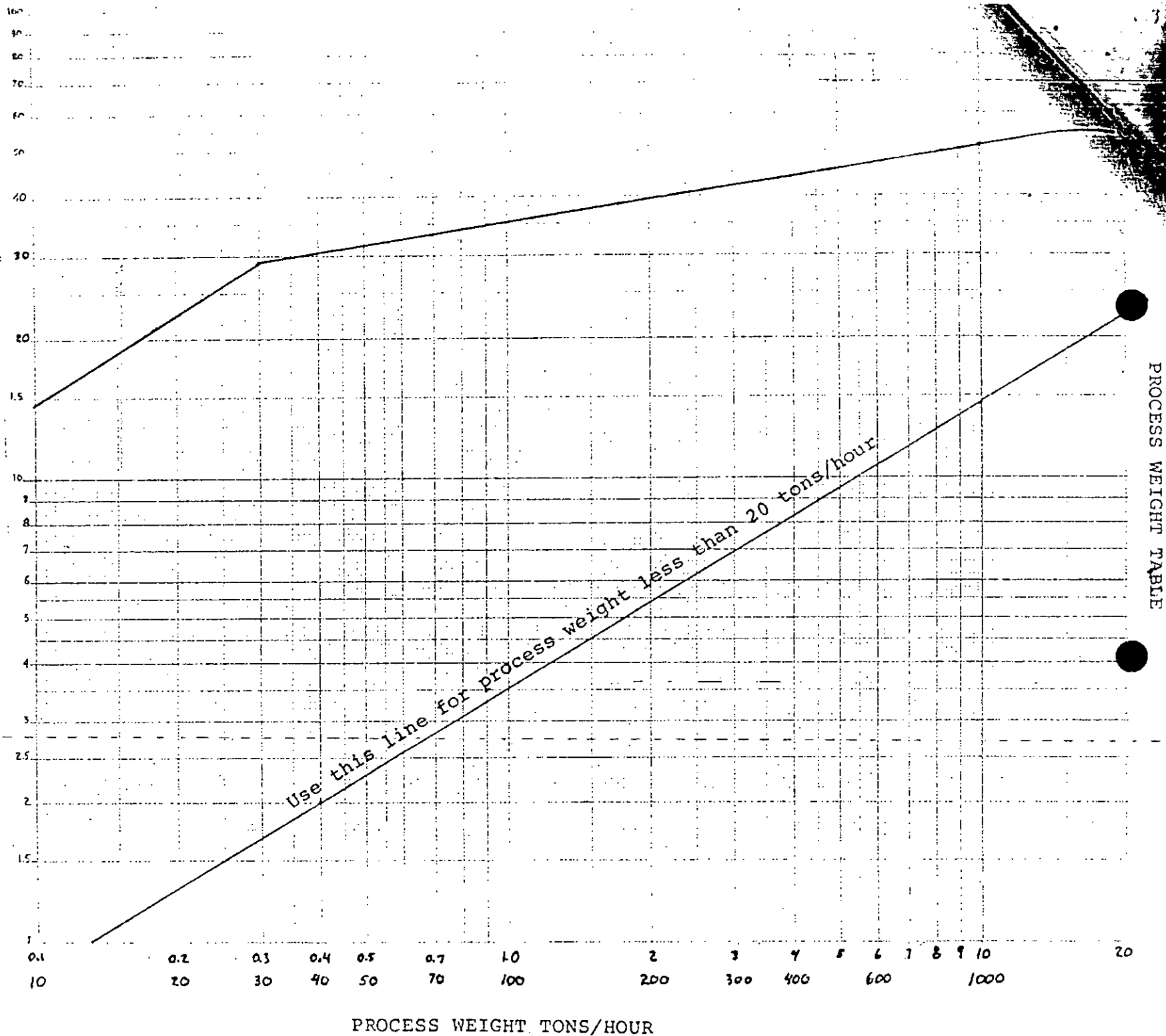
Date: May 9, 1978

An (X) indicates applicable conditions

- (X) 1. The permit holder must comply with Florida Statute, Chapter 403 and the applicable Chapters of the Department of Environmental Regulation in addition to the conditions of this permit (Chapter 403.161(1)(b), Florida Statutes).
- (X) 2. Test the emissions for the following pollutant(s) at intervals of six months from the date 1-1-78 and submit a copy of test data to the District Engineer of this agency within fifteen days of such testing (Chapter 17-2.07(1), Florida Administrative Code (F.A.C.)).
- | | | | |
|-----|---------------|-----|----------------------|
| () | Particulates | () | Sulfur Oxides |
| () | Fluorides | () | Nitrogen Oxides |
| (X) | Plume Density | () | Hydrocarbons |
| | | () | Total Reduced Sulfur |
- (X) 3. Testing of emissions must be accomplished at approximately the rates as stated in the application. Failure to submit the input rates or operation at conditions which do not reflect actual operating conditions may invalidate the data (Chapter 403.161(1)(c), Florida Statutes).
- () 4. Submit for this source quarterly reports showing the type and monthly quantities of fuels used in the operation of this source. Also state the sulfur content of each fuel (Chapter 17-4.14, F.A.C.).
- () 5. Submit for this facility, each calendar year, on or before March 1, an emission report for the preceding calendar year containing the following information as per Chapter 17-4.14, F.A.C.
- | | |
|-----|---|
| (A) | Annual amount of materials and/or fuels utilized. |
| (B) | Annual emissions (note calculation basis). |
| (C) | Any changes in the information contained in the permit application. |

- (X) 6. In the event the permittee is temporarily unable to comply with any of the conditions of the permit, the permittee shall immediately notify the District Office of the D.E.R. as per Chapter 17-4.13, F.A.C. The permittee shall be responsible for any and all damages which may result and may be subject to enforcement actions by the Department.
- () 7. According to the Process Weight Table within Chapter 17-2.04(2), F.A.C., the maximum allowable emission rate of particulate matter for a process rate of _____ tons/hour is _____ pounds/hour. At lesser process rates, the allowable emission rates can be determined from the graph.
- () 8. This permit is associated with a Development of Regional Impact (D.R.I.). It does not waive any other permits that may be required from this or any other state, federal, or local agency.
- (X) 9. Issuance of this permit does not indicate an endorsement or approval of any other required permits by this Department.
- (X) 10. The permit holder shall keep records of all maintenance performed on the control device covered by this permit, and shall produce these records at the request of the Department.

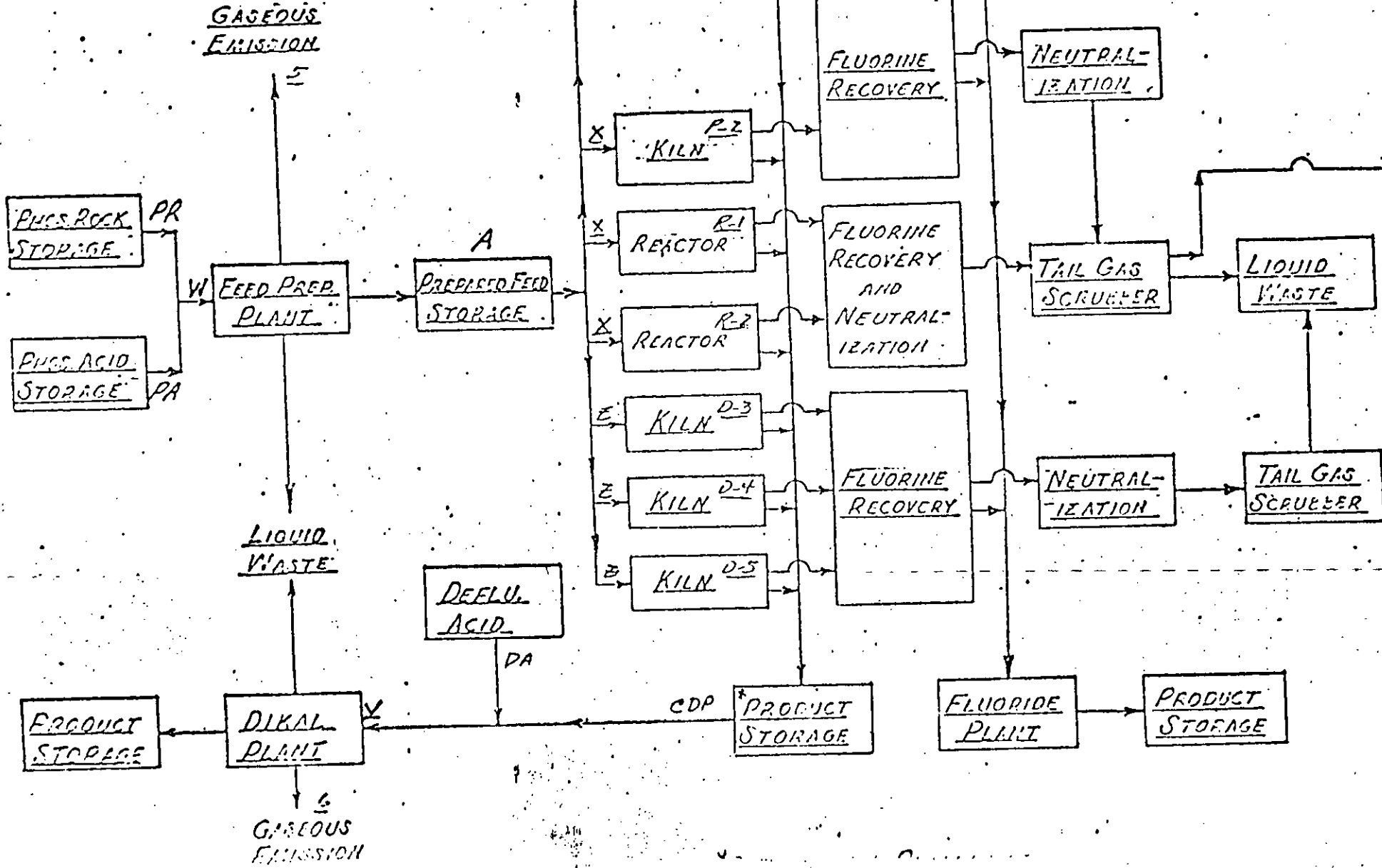
POUNDS OF PARTICULATES



PROCESS WEIGHT TABLE

PROCESS WEIGHT TONS/HOUR

BRISTOL INC. CHEMICAL DIVISION
SMITH-DOWGLASS
PLANT CITY, FLORIDA



CLASSIFICATION

#6316 The No 6 and No 7 defluorinating kilns using wet scrubbers, subject to attached conditions.

24 ton/hr and 25 pound/hr application

particulates	4.68 lbs/hr	^{Emission} 20.5 ton/yr
Fluoride	0.11 lbs/hr	0.48 ton/yr

Process Rate 30,080 lbs/hr
48,800 lbs/hr max

Product weight 26.170 lbs/hr

#6314 Dicalcium phosphate plant; system consists of two defluorinating kilns, fluoride absorber, neutralizer and scrubber.

Process rate 8.45 tons/hr; max 9.0 tons/hr

Product weight 8.32 tons/hr

Emission

Fluoride .025 lbs/hr .027 ton/yr

Particulate 1.51 lbs/hr 1.65 ton/yr

#6315 Phosphate Feed Preparation. vent Gas from Rotary kilns and Reactors through venturi scrubber

Process rate 118,400 lbs/hr; max 151,000 lbs/hr

Product 96,637

Emission

Particulates 4.68 lbs/hr 12 ton/yr

Fluoride 1.20 lbs/hr 3 ton/yr